



- › Actuators and Actuated Valves
- › Pneumatic Piston Valves
- › Solenoid Valves
- ›



A photograph of a large, modern industrial building with a light blue corrugated metal facade and blue structural elements. The building has several tall, narrow windows and a large roll-up door on the right. In the foreground, there are green and blue recycling bins, a bench, and a road with a speed limit sign. The sky is clear and blue.

SMS-TORK
KONTROL VALFLERİ & OTOMASYON

WITH TORK FLUID UNDER CONTROL

SMS TORK, has been producing industrial control equipment with a registered trade mark **TORK** since 1985.

In addition to manufacturing, **also provides process automation systems design, project planning, installation, implementation services.**

The company represent leading expert companies such as **Tecsis, Tecfluid, Honsberg, GHM, Kytola, Aflowt, ATMI, Beck, Bellofram, METSO** in the measurement control fields.



WE KEEP THE PULSE OF THE INDUSTRY WITH OUR WIDE RANGE OF PRODUCTS.

Industrial Control Valves:

- Solenoid Valves
- Actuators
- Pulse Valves
- Pneumatic Piston Valves
- Pneumatic Actuated Ball Valves
- Pneumatic Actuated Butterfly Valves
- Electric Actuated Ball Valves
- Electric Actuated Butterfly Valves
- Plug Valves
- Linear Globe Process Valves
- Pinch Valves
- ATEX Certified Products
- SIL Certified Products
- API Certified Products
- CEA and EAC Certified Products
- Accessories

Measurement Control Group

- Flow Switch
- Flow meter
- Level Transmitter
- Pressure Transmitter
- PH Meters
- Load Cells
- Analysis Devices
- Temperature Transmitters
- Humidity Transmitter
- Convertors
- Pneumatic-Hydraulic Automatic Panels
- System Installation
- Mechanical Assembly Software



100%

GLOBALIZED WITH
DOMESTIC PRODUCTION

Offering solutions in 87 countries with its 100% domestic production of industrial control valves equipment.

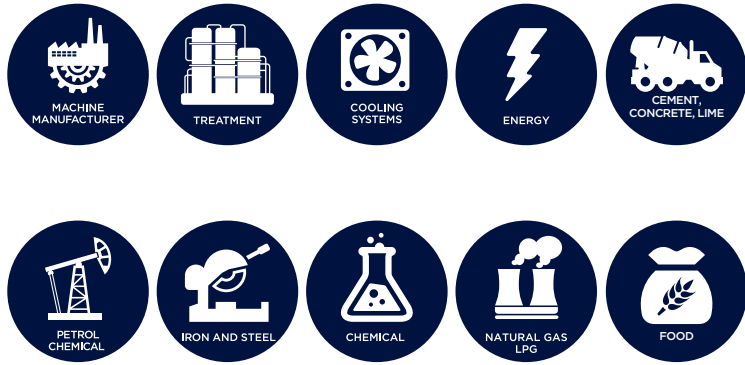
EXPORT TO 87 COUNTRIES



Our global service, was awarded the export achievement award by İSİB.



Our goal is to offer high quality long-term solutions to customers worldwide.



Main Usage Areas;

Machine Manufacturer, Factories, Food Industry, Iron-Steel Industry, Textile Industry, Treatment Industry, Petro-Chemical Industry, Animal Growing Industry, Cement, Ceramic Industry, Agriculture Industry, Shipping Industry, Heating-Cooling Industry, Pharmaceutical Industry, Chemical Industry, Energy Industry, Automotive Industry.



Our company is a member of Pomsad, Enosad, Akder and Cetop Associations.

INDUSTRY SECTOR WE SERVE



CEMENT,
CONCRETE, LIME



IRON AND
STEEL



PETRO
CHEMICAL



NATURAL GAS
LPG



SOIL and
CERAMIC



TREATMENT



FILLING
SYSTEMS



GASOLINE and
LNG PUMPS



ENERGY



SMART HOME



PETROL and
GAS



CHEMICAL



GRINDER



AUTOMOTIVE



PACKING



POOL KEEPERS



DYEING
INDUSTRY



PHARMA HOSPITAL
and HEALTH



PLASTIC



ON VEHICLE
MATERIAL



COMPRESSOR



MACHINE
MANUFACTURER



HEATING AND
COOLING



FILTER and
DUST COLLECTION



SHIP BUILDING



PAPER -
PRINTING



COOLING
SYSTEMS



TEXTILE



SUGAR



NUTRITION



IRRIGATION
SYSTEMS



FOOD
INDUSTRY



WE SUPPLY SOLUTIONS FOR THE FOLLOWING APPLICATION:

							
AIR	WATER	GAS	STEAM	VACUUM	FUEL-OIL	OIL BATH AIR	AGGRESSIVE FLUIDS
							
ATEX	OXYGEN	HYDROGEN	FLAMMABLE MATERIAL	ENERGY SAVING	CHEMICAL AGENT	COOLING GASES	HOT WATER
							
ZERO DIFFERENTIAL PRESSURE	LOW PRESSURE	HIGH PRESSURE	WORKING -50°C	WATER HAMMER	NORMALLY OPEN	NORMALLY CLOSED	-196°C CRYOGEN FLUIDS
							
PROPORTIONAL	ON - OFF	+140°C	+160°C	+180°C	+600°C HIGH PERFORMANCE APPLICATION	500-100 BAR HIGH PRESSURE APPLICATION	



**TELL US YOUR REQUIREMENT,
WE SOLVE EVERYTHING
WITH OUR TURN
KEY PROJECTS.**

**Not only provide products according to your inquiries,
we are a solution partner for all your projects.**

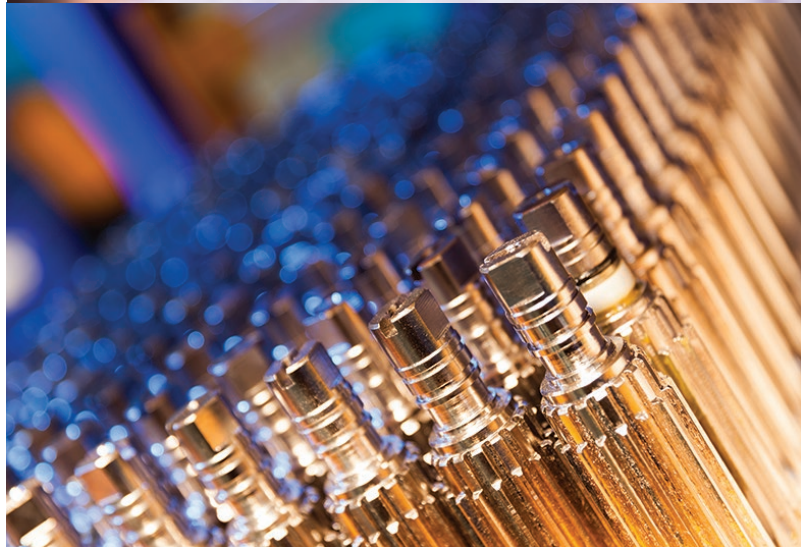
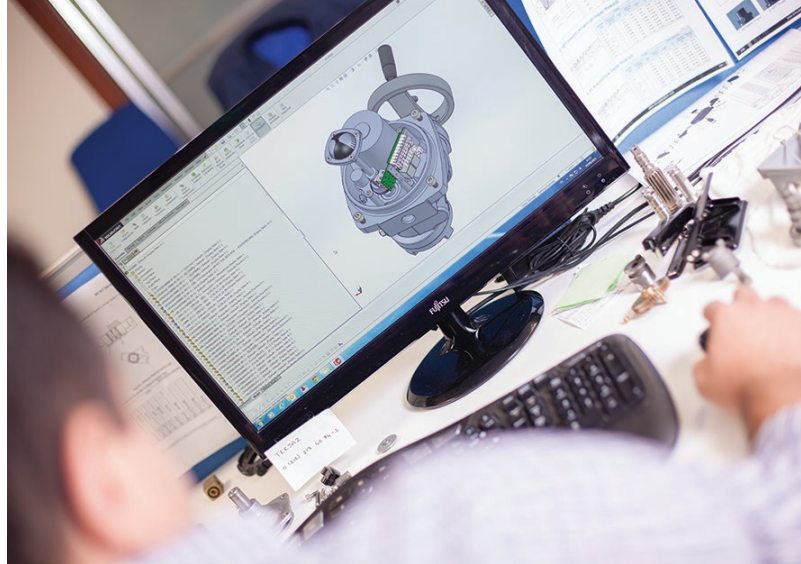
We are the customer's partner supplying complete
turnkey projects that meets their special requirements
according to innovative automation solution.

R&D POWER IN AUTOMATION

As **SMS TORK**, we are developing our manufacturing technologies in the fast improving world through our R&D department.

SMS-TORK continues its service by improving new products with Industry 4.0 vision.

**WE ARE
PROUD OF BEING FIRST
IN TURKEY.**



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**ACTUATORS and
ACTUATED VALVES**



SIL3

Double Acting Pneumatic Actuators (DA)

Model	Standard Flange	Torque Value (P:6 bar)	
RA 32 DA	F03	9 Nm	
RA 40 DA	F03/F04	15 Nm	
RA 52 DA	F04/F05/F07	35 Nm	
RA 60 DA	F04/F05/F07	39 Nm	
RA 75 DA	F05/F07	93 Nm	
RA 80 DA	F05/F07	103 Nm	
RA 100 DA	F07/F10	168 Nm	
RA 120 DA	F07/F10	318 Nm	
RA 143 DA	F10/F14	578 Nm	
RA 160 DA	F10/F14	765 Nm	
RA 200 DA	F14/F16	1500 Nm	
RA 270 DA	F16	3042 Nm	
RA 350 DA	F16	5162 Nm	



Single Acting Pneumatic Actuators (SR) (Please select your valve according to lowest Torque (Nm) value)

Model	Standard Flange	Torque Value (P:6 bar)				
		Air		Spring		
		90°	0°	90°	0°	
RA 40 SR	F03/F04	10 Nm	4.4 Nm	9.5 Nm	3.7 Nm	
RA 52 SR	F04/F05/F07	23 Nm	9 Nm	22 Nm	9 Nm	
RA 60 SR	F04/F05/F07	25 Nm	10 Nm	25 Nm	10 Nm	
RA 75 SR	F05/F07	60 Nm	29 Nm	58 Nm	28 Nm	
RA 80 SR	F05/F07	67 Nm	33 Nm	65 Nm	31 Nm	
RA100 SR	F07/F10	111 Nm	69 Nm	90 Nm	49 Nm	
RA 120 SR	F07/F10	218 Nm	151 Nm	154 Nm	86 Nm	
RA 143 SR	F10/F14	362 Nm	230 Nm	347 Nm	215 Nm	
RA 160 SR	F10/F14	481 Nm	305 Nm	459 Nm	283 Nm	
RA 200 SR	F14/F16	836 Nm	607 Nm	892 Nm	663 Nm	
RA 270 SR	F16	1955 Nm	1417 Nm	1568 Nm	1030 Nm	
RA 350 SR	F16	3121 Nm	1943 Nm	3129 Nm	1950Nm	



90° Return 3 Position Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.3P	F03/F04	15 Nm	
RA 60.3P	F04-F05/F07	39 Nm	
RA 80.3P	F05/F07	103 Nm	
RA 100.3P	F07/F10	168 Nm	
RA 120.3P	F07/F10	318 Nm	



Pneumatic Actuators



120° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.2D	F03/F04	15 Nm	
RA 60.2D	F04-F05/F07	39 Nm	
RA 80.2D	F05/F07	103 Nm	
RA 100.2D	F07/F10	168 Nm	
RA 120.2D	F07/F10	318 Nm	



180° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.8D	F03/F04	15 Nm	
RA 60.8D	F04-F05/F07	39 Nm	
RA 80.8D	F05/F07	103 Nm	
RA 100.8D	F07/F10	168 Nm	
RA 120.8D	F07/F10	318 Nm	



180° Return 3 Position Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.8P	F03/F04	15 Nm	
RA 60.8P	F04-F05/F07	39 Nm	
RA 80.8P	F05/F07	103 Nm	
RA 100.8P	F07/F10	168 Nm	
RA 120.8P	F07/F10	318 Nm	



ACCESSORIES (Sealing Components)

O-Ring Kit and Delrin Kit

Product Code	Description	
ORG30AK000032	RA 32 O-RING GROUP + DELRIN	
ORG30AK000040	RA 40 O-RING GROUP + DELRIN	
ORG30AK000060	RA 60 O-RING GROUP + DELRIN	
ORG30AK000080	RA 80 O-RING GROUP + DELRIN	
ORG30AK000100	RA 100 O-RING GROUP + DELRIN	
ORG30AK000120	RA 120 O-RING GROUP + DELRIN	
ORG30AK000143	RA 143 O-RING GROUP + DELRIN	
ORG30AK000160	RA 160 O-RING GROUP + DELRIN	
ORG30AK000200	RA 200 O-RING GROUP + DELRIN	
ORG30AK000270	RA 270 O-RING GROUP + DELRIN	

GAS OVER OIL AND HEAVY DUTY ACTUATORS

APPLICATIONS



Oil and Gas



Up to **266826**
torque value



Heavy Duty Actuators

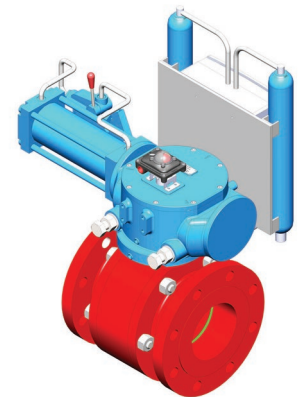
Double Acting Heavy Duty Actuators

THDA-DA	Min Torque(Nm)	Start/Stop Torque(Nm)	Standard Flange	Working Pressure(bar)
THDA-A-0063-DA	65	125	F10	6
THDA-A-0080-DA	95	185	F10	6
THDA-A-0100-DA	160	310	F10	6
THDA-A-0125-DA	223	433	F10	6
THDA-B-0100-DA	331	642	F14	6
THDA-B-0125-DA	462	896	F14	6
THDA-B-0150-DA	709	1375	F14	6
THDA-B-0200-DA	1093	2121	F14	6
THDA-B-0250-DA	1708	3314	F14	6
THDA-B-0300-DA	2255	4375	F14	5.5
THDA-B-0350-DA	2232	4331	F14	5
THDA-C-0300-DA	3181	6172	F16	6
THDA-C-0350-DA	3608	7000	F16	5
THDA-C-0400-DA	3299	6400	F16	3.5
THDA-D-0300-DA	3818	7406	F25	6
THDA-D-0350-DA	5196	10080	F25	6
THDA-D-0400-DA	6221	12069	F25	5.5
THDA-D-0500-DA	6186	12000	F25	3.5
THDA-E-0300-DA	4581	8887	F30	6
THDA-E-0350-DA	6235	12096	F30	6
THDA-E-0400-DA	8144	15799	F30	6
THDA-E-0500-DA	12725	24687	F30	6
THDA-E-0600-DA	12216	23699	F30	4
THDA-E-0700-DA	12471	24193	F30	3
THDA-G-0400-DA	9803	19018	F35	6
THDA-G-0500-DA	15317	29715	F35	6
THDA-G-0600-DA	22057	42790	F35	6
THDA-G-0700-DA	27520	53389	F35	5.5
THDA-G-0800-DA	26141	50714	F35	4
THDA-G-0900-DA	24814	48139	F35	3
THDA-H-0500-DA	18852	36573	F40	6
THDA-H-0600-DA	27147	52665	F40	6
THDA-H-0700-DA	36950	71683	F40	6
THDA-H-0800-DA	48261	93627	F40	6
THDA-H-0900-DA	50900	98747	F40	5
THDA-J-0600-DA	33597	65173	F48	6
THDA-J-0700-DA	45726	88708	F48	6
THDA-J-0800-DA	59723	115863	F48	6
THDA-J-0900-DA	75587	146639	F48	6
THDA-J-1000-DA	77765	150863	F48	5
THDA-M-0700-DA	60044	116485	F60	6
THDA-M-0800-DA	78424	152143	F60	6
THDA-M-0900-DA	99256	192556	F60	6
THDA-M-1000-DA	122538	237724	F60	6
THDA-N-1000-DA	157886	306298	F60	6
THDA-N-1100-DA	191041	370620	F60	6
THDA-N-1200-DA	227355	441069	F60	6
THDA-N-1300-DA	266826	517643	F60	6

Note: On request; gas over oil control panel system is available.



**Heavy Duty Actuated
API.6D Oil & Gas Ball Valve**



**Gas Over Oil Control System
Hydraulic Heavy Duty Actuated
API.6D Class Ball Valve**

Heavy Duty Actuators

Single Acting Heavy Duty Actuators

THDA-SR	Spring Torque Start/min/Stop (Nm)	Air Torque Start/min/Stop (Nm)	Standard Flange	Working Pressure (bar)
THDA-A-0063-SR- s01	70 / 33 / 60	65 / 32 / 55	F10	6
THDA-A-0080-SR- s02	93 / 44 / 78	107 / 51 / 92	F10	6
THDA-A-0100-SR- s03	111 / 51 / 89	221 / 109 / 199	F10	6
THDA-A-0125-SR- s03	111 / 51 / 89	344 / 172 / 322	F10	6
THDA-B-0100-SR- s04	378 / 177 / 311	331 / 154 / 264	F14	6
THDA-B-0125-SR- s05	449 / 212 / 355	585 / 285 / 518	F14	6
THDA-B-0150-SR- s06	611 / 290 / 514	861 / 419 / 764	F14	6
THDA-B-0200-SR- s07	1126 / 515 / 880	1241 / 578 / 995	F14	6
THDA-B-0250-SR- s08	1758 / 853 / 1477	1838 / 855 / 1556	F14	6
THDA-B-0300-SR- s09	2092 / 991 / 1674	2701 / 1264 / 2283	F14	5.5
THDA-B-0350-SR- s09	2092 / 991 / 1674	2657 / 1241 / 2239	F14	4
THDA-C-0300-SR- s10	3035 / 1458 / 2498	3674 / 1723 / 3137	F16	6
THDA-C-0350-SR- s11	3508 / 1668 / 2830	4171 / 1940 / 3492	F16	5
THDA-C-0400-SR- s11	3508 / 1668 / 2830	3571 / 1631 / 2893	F16	3.5
THDA-D-0300-SR- s12	4124 / 1932 / 3222	4184 / 1886 / 3282	F25	6
THDA-D-0350-SR- s13	5529 / 2546 / 4170	5910 / 2650 / 4552	F25	6
THDA-D-0400-SR- s13	5529 / 2546 / 4170	6802 / 3110 / 5443	F25	5
THDA-D-0500-SR- s13	5529 / 2546 / 4170	6116 / 2756 / 4757	F25	3
THDA-E-0300-SR- s14	7727 / 3482 / 5565	4804 / 1863 / 2641	F30	7
THDA-E-0350-SR- s14	7727 / 3482 / 5565	6532 / 2754 / 4369	F30	6
THDA-E-0400-SR- s15	9330 / 4169 / 6601	9199 / 3975 / 6470	F30	6
THDA-E-0500-SR- s16	11052 / 4933 / 7799	14831 / 6732 / 11578	F30	5.5
THDA-E-0600-SR- s16	11052 / 4933 / 7799	12938 / 5756 / 9685	F30	3.5
THDA-G-0500-SR- s17	17527 / 7458 / 11100	18616 / 7859 / 12189	F35	6
THDA-G-0600-SR- s18	25994 / 10753 / 15481	27309 / 11304 / 16796	F35	6
THDA-G-0700-SR- s18	25994 / 10753 / 15481	37908 / 16767 / 27395	F35	5.5
THDA-G-0800-SR- s19	28965 / 12304 / 18273	32441 / 13838 / 21750	F35	4
THDA-G-0900-SR- s19	28965 / 12304 / 18273	29866 / 12510 / 19174	F35	3
THDA-H-0600-SR- s20	39848 / 17034 / 25503	35939 / 14638 / 21594	F40	7
THDA-H-0700-SR- s20	39848 / 17034 / 25503	46180 / 19916 / 31835	F40	6
THDA-H-0800-SR- s21	50668 / 20909 / 30015	63612 / 27352 / 42959	F40	6
THDA-H-0900-SR- s22	60021 / 24740 / 35467	63280 / 26160 / 38726	F40	5
THDA-J-0600-SR- s23	57386 / 25761 / 40990	35045 / 13432 / 18649	F48	7
THDA-J-0700-SR- s23	57386 / 25761 / 40990	47718 / 19964 / 313321	F48	6
THDA-J-0800-SR- s24	67579 / 30312 / 48183	67680 / 29411 / 48283	F48	6
THDA-J-0900-SR- s25	83846 / 36730 / 56744	89895 / 38857 / 62793	F48	6
THDA-J-1000-SR- s25	83846 / 36730 / 56744	94119 / 41035 / 67018	F48	5
THDA-M-0800-SR- s26	114362 / 47145 / 67600	109900 / 44350 / 63138	F60	7
THDA-M-0900-SR- s26	114362 / 47145 / 67600	124956 / 52110 / 78194	F60	6
THDA-M-1000-SR- s27	156089 / 65396 / 95550	142174 / 57142 / 81635	F60	6
THDA-N-1100-SR- s28	251094 / 99760 / 136670	295721 / 123121 / 181296	F60	7
THDA-N-1200-SR- s28	251094 / 99760 / 136670	304399 / 127595 / 189975	F60	6
THDA-N-1300-SR- s29	309644 / 122195 / 165944	351700 / 144632 / 208000	F60	6

Note: On request; gas over oil control panel system is available.



**Heavy Duty Actuated
API.6D Oil & Gas Ball Valve**



**Hydraulic Heavy Duty
Actuated API.6D Class
Ball Valve**

Scotch Yoke Pneumatic Actuators

Scotch Yoke Double Acting Pneumatic Actuators

Model	Standard Flange	Torque Value (P:6 bar)		
		0°	45°	90°
RASY32DA	F03	9	4.5	4.5
RASY40DA	F03/05	11	7.5	11
RASY50DA	F03/05	41	30	52
RASY65DA	F05/07	116	73	107
RASY80DA	F07	210	144	209
RASY100DA	F07/F10	368	250	363
RASY125DA	F07/F10	794	531	732
RASY140DA	F10/F13	1079	668	970
RASY160DA	F14	1600	1133	2027
RASY200DA	F16	4820	2400	3450



Scotch Yoke Single Acting Pneumatic Actuators

Model	Standard Flange	Spring Torque Value (P:6 bar)			Air		
		0°	45°	90°	0°	45°	90°
RSY40SR	F03/05	5	4	8	8	4	5
RSY50SR	F03/07	17	15	34	34	15	17
RSY65SR	F05/07	48	32	70	70	32	48
RSY80SR	F07	80	70	130	130	70	80
RSY100SR	F07/F10	130	110	240	240	110	130
RSY125SR	F07/F10	300	260	510	510	260	300
RSY140SR	F10/F13	410	340	730	730	340	410
RSY160SR	F14	770	560	1150	1150	560	770
RSY200SR	F16	1420	1260	2170	2170	1260	1420



Note: Please select actuator according to the smallest torque value

Pneumatic Namur Valve



Namur Connected Pneumatic Direction Valve

Coil Power : 5 VA IP65
Working Pressure Range : 1.5-8 Bar

Model	Size-Way	
TORK-NM52WIS.220AC	"1/4" - 5/2 Single Coil	
TORK-NM52WIS.110AC		
TORK-NM52WIS.24AC		
TORK-NM52WIS.24DC		
TORK-NM32WIS.220AC	"1/4" - 3/2 Single Coil	
TORK-NM32WIS.110AC		
TORK-NM32WIS.24AC		
TORK-NM32WIS.24DC		
TORK-NM52W2S.220AC	"1/4" - 5/2 Double Coil	
TORK-NM52W2S.110AC		
TORK-NM52W2S.24AC		
TORK-NM52W2S.24DC		
3-Way Valve Group		



Panel Mounting Pneumatic Namur Valve

Model	Size-Way	Description
E 52 WISM14	1/4" - 5/2	Spring Return Single Coil 5/2 Way
E 32 WISM14	1/4" - 3/2	Spring Return Single Coil 3/2 Way

Group Pneumatic Solenoid Valve Single Coil

Type	
1/8" - 5/2"	
1/4" - 5/2"	
1/8" - 3/2"	
1/4" - 3/2"	



Atex Pneumatic Actuators - Ex II 2 GD c T4 Zone 1, Zone 2

SIL3



ATEX

Double Acting Pneumatic Actuators (DA)

Model	Standard Flange	Torque Value (P:6 bar)	
RX 32 SY	F03	4.5 .. 9 Nm	
RX 32 DA	F03	9 Nm	
RX 40 DA	F03/F04	15 Nm	
RX 52 DA	F04/F05/F07	35 Nm	
RX 60 DA	F04/F05/F07	39 Nm	
RX 75 DA	F05/F07	93 Nm	
RX 80 DA	F05/F07	103 Nm	
RX 100 DA	F07/F10	168 Nm	
RX 120 DA	F07/F10	318 Nm	
RX 143 DA	F10/F14	578 Nm	
RX 160 DA	F10/F14	765 Nm	
RX 200 DA	F14/F16	1500 Nm	
RX 270 DA	F16	3042 Nm	
RX 350 DA	F16	5162 Nm	



ATEX

Single Acting Pneumatic Actuators (SR)

Model	Standard Flange	Torque Value (P:6 bar)			
		Air		Spring	
		0°	90°	90°	0°
RX 40 SR	F03/F04	10 Nm	4.4 Nm	9.5 Nm	3.7 Nm
RX 52 SR	F04/F05/F07	23 Nm	9 Nm	22 Nm	9 Nm
RX 60 SR	F04/F05/F07	25 Nm	10 Nm	25 Nm	10 Nm
RX 75 SR	F05/F07	60 Nm	29 Nm	58 Nm	28 Nm
RX 80 SR	F05/F07	67 Nm	33 Nm	65 Nm	31 Nm
RX 100 SR	F07/F10	111 Nm	69 Nm	90 Nm	49 Nm
RX 120 SR	F07/F10	218 Nm	151 Nm	154 Nm	86 Nm
RX 143 SR	F10/F14	362 Nm	230 Nm	347 Nm	215 Nm
RX 160 SR	F10/F14	481 Nm	305 Nm	459 Nm	283 Nm
RX 200 SR	F14/F16	836 Nm	607 Nm	892 Nm	663 Nm
RX 270 SR	F16	1955 Nm	1417 Nm	1568 Nm	1030 Nm
RX 350 SR	F16	3121 Nm	1943 Nm	3129 Nm	1950 Nm



ATEX

90° Return 3 Position Pneumatic Actuators

Model	Standard Flange	Torque Value (P:6 bar)	
RX 40.3P	F03/F04	15 Nm	
RX 60.3P	F04-F05/F07	39 Nm	
RX 80.3P	F05/F07	103 Nm	
RX 100.3P	F07/F10	168 Nm	
RX 120.3P	F07/F10	318 Nm	



Atex Pneumatic Actuators - Ex II 2 GD c T4 Zone 1, Zone 2

SIL3



ATEX

120° Return Pneumatic Actuators

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.2D	F03/F04	15 Nm	
RA 60.2D	F04-F05/F07	39 Nm	
RA 80.2D	F05/F07	103 Nm	
RA 100.2D	F07/F10	168 Nm	
RA 120.2D	F07/F10	318 Nm	



ATEX

180° Return 3 Position Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.8P	F03/F04	15 Nm	
RA 60.8P	F04-F05/F07	39 Nm	
RA 80.8P	F05/F07	103 Nm	
RA 100.8P	F07/F10	168 Nm	
RA 120.8P	F07/F10	318 Nm	



ATEX

180° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RA 40.8D	F03/F04	15 Nm	
RA 60.8D	F04-F05/F07	39 Nm	
RA 80.8D	F05/F07	103 Nm	
RA 100.8D	F07/F10	168 Nm	
RA 120.8D	F07/F10	318 Nm	



Namur Connected Pneumatic Direction Valves (Ex md II T4)

Coil Power : 5 VA IP65
Working Pressure Range : 1,5.8 Bar

Model	Size-Way	
TORK-ExNM52WIS.220AC	"1/4" - 5/2 Single Coil"	
TORK-ExNM52WIS.110AC		
TORK-ExNM52WIS.24AC		
TORK-ExNM52WIS.24DC		
TORK-ExNM32WIS.220AC	"1/4" - 3/2 Single Coil"	
TORK-ExNM32WIS.110AC		
TORK-ExNM32WIS.24AC		
TORK-ExNM32WIS.24DC		
TORK-ExNM52W2S.220AC	"1/4" - 5/2 Double Coil"	
TORK-ExNM52W2S.110AC		
TORK-ExNM52W2S.24AC		
TORK-ExNM52W2S.24DC		



ATEX



m class Atex



m class Atex



d class Atex

Ex-proof Panel Mounting Pneumatic Direction Valve

Model	Size-Way	Description	
E 52 WISM14	1/4" - 5/2	Spring Return Single Coil 5/2 Way	
E 32 WISM14	1/4" - 3/2	Spring Return Single Coil 3/2 Way	

Atex Namur d class Pneumatic Direction Valve

Model	Size-Way	
Exd - NM52WIS.220VAC	1/4" - 5/2	
Exd - NM32WIS.220VAC	1/4" - 3/2	
Exd - NM52WIS.24VDC	1/4" - 5/2	
Exd - NM32WIS.24VDC	1/4" - 3/2	

Atex Scotch Yoke Pneumatic Actuators Ex II 2 GD c T4 Zone 1, Zone 2



Scotch Yoke Double Acting Pneumatic Actuators

Model	Standard Flange	Torque Value (P:6 bar)		
		0°	45°	90°
RXY32DA	F03	9	4.5	4.5
RXY40DA	F03/05	11	7.5	11
RXY50DA	F03/05	41	30	52
RXY65DA	F05/07	116	73	107
RXY80DA	F07	210	144	209
RXY100DA	F07/F10	368	250	363
RXY125DA	F07/F10	794	531	732
RXY140DA	F10/F13	1079	668	970
RXY160DA	F14	1600	1133	2027
RXY200DA	F16	4820	2400	3450



Scotch Yoke Single Acting Pneumatic Actuators

Model	Standard Flange	Spring			Air		
		0°	45°	90°	0°	45°	90°
RXY40SR	F03/05	5	4	8	8	4	5
RXY50SR	F03/07	17	15	34	34	15	17
RXY65SR	F05/07	48	32	70	70	32	48
RXY80SR	F07	80	70	130	130	70	80
RXY100SR	F07/F10	130	110	240	240	110	130
RXY125SR	F07/F10	300	260	510	510	260	300
RXY140SR	F10/F13	410	340	730	730	340	410
RXY160SR	F14	770	560	1150	1150	560	770
RXY200SR	F16	1420	1260	2170	2170	1260	1420



Note: Please select actuator according to the smallest torque value.

Arctic Environment (-50°C) Pneumatic Actuators



Double Acting Pneumatic Actuators (DA)

Model	Standard Flange	Torque Value (P:6 bar)	
RAM32SY	F03	4.5 .. 9 Nm	
RAM32DA	F03	9 Nm	
RAM40DA	F03/F04	15 Nm	
RAM52DA	F04/F05/F07	35 Nm	
RAM60DA	F04/F05/F07	39 Nm	
RAM75DA	F05/F07	93 Nm	
RAM80DA	F05/F07	103 Nm	
RAM100DA	F07/F10	168 Nm	
RAM120DA	F07/F10	318 Nm	
RAM143DA	F10/F14	578 Nm	
RAM160DA	F10/F14	765 Nm	
RAM200DA	F14/F16	1500 Nm	
RAM270DA	F16	3042 Nm	
RAM350DA	F16	5162 Nm	



Single Acting Pneumatic Actuators (SR)

Model	Standard Flange	Torque Value (P:6 bar)				
		Air		Spring		
		0°	90°	0°	90°	
RAM 40 SR	F03/F04	10 Nm	4.4 Nm	9.5 Nm	3.7 Nm	
RAM 52 SR	F04/F05/F07	23 Nm	9 Nm	22 Nm	9 Nm	
RAM 60 SR	F04/F05/F07	25 Nm	10 Nm	25 Nm	10 Nm	
RAM 75 SR	F05/F07	60 Nm	29 Nm	58 Nm	28 Nm	
RAM 80 SR	F05/F07	67 Nm	33 Nm	65 Nm	31 Nm	
RAM 100 SR	F07/F10	111 Nm	69 Nm	90 Nm	49 Nm	
RAM 120 SR	F07/F10	218 Nm	151 Nm	154 Nm	86 Nm	
RAM 143 SR	F10/F14	362 Nm	230 Nm	347 Nm	215 Nm	
RAM 160 SR	F10/F14	481 Nm	305 Nm	459 Nm	283 Nm	
RAM 200 SR	F14/F16	836 Nm	607 Nm	892 Nm	663 Nm	
RAM 270 SR	F16	1955 Nm	1417 Nm	1568 Nm	1030 Nm	
RAM 350 SR	F16	3121 Nm	1943 Nm	3129 Nm	1950Nm	



Note: Please select actuator according to the smallest torque value.



90° Return 3 Position Pneumatic Actuators

Model	Standard Flange	Torque Value (P:6 bar)	
RAM 40.3P	F03/F04	15 Nm	
RAM 60.3P	F04-F05/F07	39 Nm	
RAM 80.3P	F05/F07	103 Nm	
RAM 100.3P	F07/F10	168 Nm	
RAM 120.3P	F07/F10	318 Nm	



Arctic Environment (-50°C) Pneumatic Actuators



120° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RAM 40.2D	F03/F04	15 Nm	
RAM 60.2D	F04-F05/F07	39 Nm	
RAM 80.2D	F05/F07	103 Nm	
RAM 100.2D	F07/F10	168 Nm	
RAM 120.2D	F07/F10	318 Nm	



180° Return 3 Position Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RAM 40.8P	F03/F04	15 Nm	
RAM 60.8P	F04-F05/F07	39 Nm	
RAM 80.8P	F05/F07	103 Nm	
RAM 100.8P	F07/F10	168 Nm	
RAM120.8P	F07/F10	318 Nm	



180° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RAM 40.8P	F03/F04	15 Nm	
RAM 60.8P	F04-F05/F07	39 Nm	
RAM 80.8P	F05/F07	103 Nm	
RAM 100.8P	F07/F10	168 Nm	
RAM120.8P	F07/F10	318 Nm	



Arctic Environment (-50°C) Pneumatic Actuators



120° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RXM 40.2D	F03/F04	15 Nm	
RXM 60.2D	F04-F05/F07	39 Nm	
RXM 80.2D	F05/F07	103 Nm	
RXM 100.2D	F07/F10	168 Nm	
RXM 120.2D	F07/F10	318 Nm	



180° Return 3 Position Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RXM 40.8P	F03/F04	15 Nm	
RXM 60.8P	F04-F05/F07	39 Nm	
RXM 80.8P	F05/F07	103 Nm	
RXM 100.8P	F07/F10	168 Nm	
RXM120.8P	F07/F10	318 Nm	



180° Return Pneumatic Actuator

Model	Standard Flange	Torque Value (P:6 bar)	
RXM 40.8P	F03/F04	15 Nm	
RXM 60.8P	F04-F05/F07	39 Nm	
RXM 80.8P	F05/F07	103 Nm	
RXM 100.8P	F07/F10	168 Nm	
RXM120.8P	F07/F10	318 Nm	



TEFLON COATED ACTUATORS

Designed for use in:

- Aggressive Environment
- Oil Platforms
- Underground Applications



Double Acting Pneumatic Actuators (DA)

Model	Standard Flange	Torque Value (P:6 bar)	
RSY 32 DA ... PTFE	F03	4.5 .. 9 Nm	
RA 32 DA ... PTFE	F03	9 Nm	
RA 40 DA ... PTFE	F03/F04	15 Nm	
RA 52 DA ... PTFE	F04/F05/F07	35 Nm	
RA 60 DA ... PTFE	F04/F05/F07	39 Nm	
RA 75 DA ... PTFE	F05/F07	93 Nm	
RA 80 DA ... PTFE	F05/F07	103 Nm	
RA 100 DA ... PTFE	F07/F10	168 Nm	
RA 120 DA ... PTFE	F07/F10	318 Nm	
RA 143 DA ... PTFE	F10/F14	578 Nm	
RA 160 DA ... PTFE	F10/F14	765 Nm	
RA 200 DA ... PTFE	F14/F16	1500 Nm	
RA 270 DA ... PTFE	F16	3042 Nm	
RA 350 DA ... PTFE	F16	5162 Nm	

Single Acting Pneumatic Actuators (SR) (Please select your valve according to the lowest torque (Nm) value)

Model	Standard Flange	Torque Value (P:6 bar)				
		Air		Spring		
		0°	90°	0°	90°	
RA 40 SR ... PTFE	F03/F04	10 Nm	4.4 Nm	9.5 Nm	3.7 Nm	
RA 52 SR ... PTFE	F04/F05/F07	23 Nm	9 Nm	22 Nm	9 Nm	
RA 60 SR ... PTFE	F04/F05/F07	25 Nm	10 Nm	25 Nm	10 Nm	
RA 75 SR ... PTFE	F05/F07	60 Nm	29 Nm	58 Nm	28 Nm	
RA 80 SR ... PTFE	F05/F07	67 Nm	33 Nm	65 Nm	31 Nm	
RA 100 SR ... PTFE	F07/F10	111 Nm	69 Nm	90 Nm	49 Nm	
RA 120 SR ... PTFE	F07/F10	218 Nm	151 Nm	154 Nm	86 Nm	
RA 143 SR ... PTFE	F10/F14	362 Nm	230 Nm	347 Nm	215 Nm	
RA 160 SR ... PTFE	F10/F14	481 Nm	305 Nm	459 Nm	283 Nm	
RA 200 SR ... PTFE	F14/F16	836 Nm	607 Nm	892 Nm	663 Nm	
RA 270 SR ... PTFE	F16	1955 Nm	1417 Nm	1568 Nm	1030 Nm	
RA 350 SR ... PTFE	F16	3121 Nm	1943 Nm	3129 Nm	1950Nm	

MANUAL AND PNEUMATIC ACTUATED CRYOGENIC VALVES

APPLICATIONS



Fluid: Liquid Oxygen, Hydrogen, Nitrogen, LNG, LPG, Fuel oil

Connection Size: 1/2", 3/4", 1", 1 1/2", 2"

Pressure: PN 63

Temperature: -196°C min. +200 °C max

Body: 1.4408 Stainless Steel

APPLICATION SECTORS

- Energy generation
- Refineries
- Petrochemical plants
- Chemical sector
- Food facilities
- Paper mills
- Iron and steel mills
- Hospitals
- Tobacco factories
- O₂, N₂, H₂,

DESCRIPTION

Cryogenic valves are used for applications at -196°C.

- Pneumatic actuated cryogenic globe valve
- Pneumatic actuated cryogenic ball valve
- Manuel cryogenic ball valve
- Manuel cryogenic globe valve



ASK FOR PRICE

Rotary Positioners



Smart Type Positioners

Model	Description	
TORK-SS2R	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-SS2RC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	
TORK-SS2SR	Automatic Calibration, 4-20 mA Input + Stainless Body + Manometer + Bracket	
TORK-SS2SRC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Stainless Body + Manometer + Bracket	
TORK-SSR	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	

ADDITIONAL SPECIFICATIONS

EXA	ATEX/IECEX-Certified Intrinsically Safe Exia IIC T6/T5	
SWC	2 pcs. Limit Alarm Switch	
SPT	2 pcs. SPDT (Single Pole Double Direction) Switch	
HRT	HART Communication Protocol	
PBS	PROFIBUS Communication Protocol	
FLD	FIELDBUS Communication Protocol	



Smart Type Flameproof Positioners

Model	Description	
TORK-SS3R	Automatic Calibration, 4-20 mA Input + Manometer + Bracket + ATEX/IECEX-Certified Explosion Proof Exd IIC T6	
TORK-SS3RC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket + ATEX/IECEX-Certified Explosion Proof Exd IIC T6	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
SPT	2 pcs. SPDT (Single Pole Double Direction) Switch	
HRT	HART Communication Protocol	

Electro - Pneumatic Positioners

Model	Description	
TORK-EPR	Manuel Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-EPRC	Manual Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	

ADDITIONAL SPECIFICATIONS

EXA	ATEX- Certified Explosion Proof Eex md IIB T5, Zone 1, Zone 2	
SWC	2 pcs. Limit Alarm Switch	
SPT	2 Adet SPDT (Single Pole Double Direction) Switch	
HT	High Temperature Endurance Up to 120 Degrees	



METSO Smart Positioner Rotary/Linear

Model	Description	
ND7000	Linear And Rotary, Double Acting And Spring Return	
NDX	Linear And Rotary, Spring Return	



Rotary Positioners



Fail Freeze Type Positioners

Model	Description	
TORK-SS5R	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-SS5RC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
SPT	2 pcs. SPDT (Single Pole Double Direction) Switch	
HRT	HART Communication Protocol	



Digital Type Positioners

Model	Description	
TORK-SER	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-SERC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
EXA	KC- Certificate Explosion Proof Exd IIB+H2 T6	



Pneumatic - Pneumatic Type Positioner

Model	Description	
TORK-PPR	Manual Calibration, 3-15 Psi Input (Rotary)	
TORK-PPRC	Manual Calibration, 3-15 Psi Input + 3-15 Psi Output	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
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Remote Type Smart Positioners

Model	Description	
TORK-RSS2R	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-RSS2RC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	

Filter + Regulator + Lubricator 20 Filtration (Conditioner)

Model	Size	Description	
FR+LM142008RPESA	1/4"	Exterior-protected, auto discharge	
FR+CM122008RPESA	1/2"	Exterior-protected, auto discharge	
TORK-FR100	1/4"	Exterior-protected, auto discharge	
MRR1812R	1/8"	Micro Regulator	
MRR1412R	1/4"	Micro Regulator	



REGULATOR P-38 - P-39 SERIES

Type	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	
P-38	3/8"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	
	1/2"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	
	3/4"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	
	1"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	
P-39	1/4"	0-4.1	0-60	
	1/4"	0-8.3	0-120	
	1/4"	0-10.3	0-150	
	1/4"	0-15.5	0-225	





Smart Type Positioners

Model	Description	
TORK-SS2L	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-SS2LC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	
TORK-SS2SL	Automatic Calibration, 4-20 mA Input + Stainless Body + Manometer + Bracket	
TORK-SS2SLC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Stainless Body + Manometer + Bracket	



ADDITIONAL SPECIFICATIONS

EXA	ATEX/ IECEx-Certified Intrinsically Safe Exia IIC T6/T5	
SWC	2 pcs. Limit Alarm Switch	
SPT	2 pcs. SPDT (Single Pole Double Direction) Switch	
HRT	HART Communication Protocol	
PBS	PROFIBUS Communication Protocol	
FLD	FIELDBUS Communication Protocol	



Smart Type Flameproof Positioners

Model	Description	
TORK-SS3L	Automatic Calibration, 4-20 mA Input + Manometer + Bracket + ATEX/IECEx-Certified Explosion Proof Exd IIC T6	
TORK-SS3LC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket + ATEX/IECEx-Certified Explosion Proof Exd IIC T6	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
SPT	2 pcs. SPDT (Single Pole Double Direction) Switch	
HRT	HART Communication Protocol	

Note: Calculate additional features as extra cost



Electro - Pneumatic Positioners

Model	Description	
TORK-EPL	Manual Calibration, 4-20 mA Input	
TORK-EPLC	Manual Calibration, 4-20 mA Input + 4-20 mA Output	

ADDITIONAL SPECIFICATIONS

EXA	ATEX- Certified Explosion Proof Eex md IIB T5. Zone 1, Zone 2	
SWC	2 pcs. Limit Alarm Switch	
SPT	2 Adet SPDT (Single Pole Double Direction) Switch	
HT	High Temperature Endurance Up to 120 Degrees	



Linear Positioners



Fail Freeze Type Positioners

Model	Description	
TORK-SS5L	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-SS5LC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
SPT	2 pcs. SPDT (Single Pole Direction) Switch	
HRT	HART Communication Protocol	



Digital Type Positioners

Model	Description	
TORK-SEL	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-SELC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
EXA	KC- Certificate Explosion Proof Exd IIB+H2 T6	



Pneumatic - Pneumatic Type Positioners

Model	Description	
TORK-PPL	Manual Calibration, 3-15 Psi Input	
TORK-PPC	Manual Calibration, 3-15 Psi Input + 3-15 Psi Output	

ADDITIONAL SPECIFICATIONS

SWC	2 pcs. Limit Alarm Switch	
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Remote Type Smart Positioners

Model	Description	
TORK-RSS2R	Automatic Calibration, 4-20 mA Input + Manometer + Bracket	
TORK-RSS2RC	Automatic Calibration, 4-20 mA Input + 4-20 mA Output + Manometer + Bracket	



Lock Up (Pressure Node Position Protection)

Model	Description	
LUS	For Single Acting Actuator	
LUD	For Double Acting Actuator	

I/P Converter

Model	Input Signal	Output Signal	Supply Pressure	
TORK-1000	4 - 20 mA	3- 15 Psi	6 Bar	
IPC	4 - 20 mA	3- 15 Psi	7 Bar	

Pneumatic Actuator Accessories

Ex-proof Magnetic Sensor (LS80 2P)

Model

LS80.2P ATEX

Specifications

ATEX sensor + Indicator



LS80.2P
LS80.2P ATEX

ATEX certified D Type Direction Valve for Gas and Dust Environment

Ex II 2G d IIC T6

Ex II 2D tD A21 IP66

Model

Working Pressure (Bar)

Working Voltage

Power Consumption

Temperature Class

TORK-ExdNM32.WIS 24V	Max. 10 bar	24VDC	3 W	T6 (85°C)	
TORK-ExdNM32.WIS 230V	Max. 10 bar	230VAC	5 VA	T6 (85°C)	



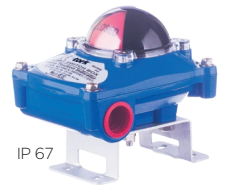
"d"
protection class

Limit Switch Box

Model

Specifications

LS10.2M	Protection Class: IP67, Position Indicator : Open/Close, 2 pcs. SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS10.2P	Protection Class: IP67, Position Indicator : Open/Close, 2 pcs. SPDT Proximity Switch, Mounting Bracket (VDE/VDI 3845)	
LS10.3M	Protection Class: IP67, Position Indicator : Open/Close, 3 pcs. SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS10.3P	Protection Class: IP67, Position Indicator : Open/Close, 3 pcs. SPDT Proximity Switch, Mounting Bracket (VDE/VDI 3845)	
LS10.4M	Protection Class: IP67, Position Indicator : Open/Close, 4 pcs. SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS10.4P	Protection Class: IP67, Position Indicator : Open/Close, 4 pcs. SPDT Proximity Switch Mounting Bracket (VDE/VDI 3845)	
PEP-NBN3F25	Sensor	
LS80.2P	Sensor + Indicator	
LS11 - 120°	Protection Class: IP67, Position Indicator : Open/Close, 2 pcs. SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS12 - 180°	Protection Class: IP67, Position Indicator : Open/Close, 2 pcs. SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	



IP 67



PEP-NBN3F25

ATEX Ex-proof Switch Box (LS20) (II 2GD d IIC T6 Zone 1, Zone2)

Model

Specifications

LS20.2M	Protection Class: IP67, Ex-proof, Ex d IIC T6, Position Indicator: Open/Close, 2 pcs. SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS20.2P	Protection Class: IP67, Ex-proof, Ex d IIC T6, Position Indicator: Open/Close, 2 pcs. SPDT Proximity Switch, Mounting Bracket (VDE/VDI 3845)	



"d"
protection class

ATEX Ex-proof Switch Box (LS30) (II 2GD d IIC T6 Zone 1, Zone2)

Model

Specifications

LS30.2M	Protection Class: IP67, Ex-proof, EExd B T6 EN50014/50018, Position Indicator: Open/Close, Reed Type Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS30.2P	Protection Class: IP67, Ex-proof, EExd B T6 EN50014/50018, Position Indicator: Open/Close, Reed Type Proximity Sensor, Mounting Bracket (VDE/VDI 3845)	



ATEX Ex-proof Switch Box (LS70) Including direction valve (Offshore Platform)

Model

Specifications

LS70.2M	Protection Class: IP67, Position Indicator: Open/Close, 2 Adet SPDT Mechanic Switch, Mounting Bracket (VDE/VDI 3845)	
LS70.2P	Protection Class: IP67, Ex-proof, Ex d B+H2 T6, Position Indicator: Open/Close, Reed Type Proximity Sensor, Mounting Bracket (VDE/VDI 3845)	



Electric Actuators

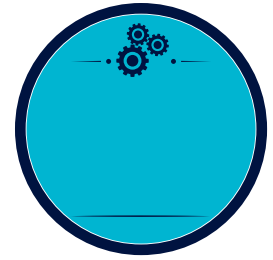


TREA60

TREA60(ATEX)

TREA40

TREAE60



Rotary Electric Actuator

Model	Standard Flange	Torque Value	On-Off (230V AC)	On-Off (24V DC)	Proportional (4-20 mA)
TREA40	F03/F04/F05	40 Nm			
TREAE60	F03/F05/F07	60 Nm			
TREA60	F05/F07	60 Nm			
TREA80	F05/F07	80 Nm			
TREA60 (ATEX)	F05/F07	60 Nm			
TREA80 (ATEX)	F05/F07	80 Nm			



Rotary Electric Actuator

Model	Standard Flange	Torque Value (P-6 bar)	On-Off (230V AC)	On-Off (24V DC)	Proportional (4-20 mA)
REA40	F03/F04/F05	40 Nm			
REA60	F03/F05/F07	60 Nm			
REA80	F07	80 Nm			
REA150	F07/F10	150 Nm			
REA200	F07/F10	200 Nm			
REA300	F10/F12	300 Nm			
REA500	F10/F12	500 Nm			
REA600	F10/F12	600 Nm			
REA800	F12/F14	800 Nm			
REA1200	F12/F14	1200 Nm			
REA2000	F14/F16	2000 Nm			
REA3000	F14/F16	3000 Nm			

Electric Actuator Accessories

Model	Description	(4-20mA)
PCU	Proportional Control Unit (except REA40, REA60, REA80)	
EXA	Explosion Proof A (Ex d II B T4) (except REA40, REA60)	
WTA	Watertight E, A(IP 68 10 M 250 HR) (Except REA60)	
ALS	Extra limit switch (SPTD*2 EA) (Except REA60-80)	
PIU	Potentiometer Unit (1 K Ohm)	
LCU-B	Local Control Unit (Except REA40-80)	
LCU-C	Local Control Unit (Except REA40-80)	
CPT	Current Position Transmitter 4-20mA Output Signal	
SLU	Lamb Indicator (Except REA40-60-80)	
RBP	Rechargeable Battery ((Only REA80,150,200,300)	
EXT	Extension, return to different angles (Except REA40,2000,3000)	
SICU-BI	1 Phase	
ICU-CM	REA 150- 3000	
CED	Electrical Connection of Customer Specific	



LCU

LCU + RBP

Hygienic Pneumatic Actuator



Hygienic Pneumatic Actuated Hygienic Butterfly Valve TORK-PAV 814 Series Stainless Steel Pneumatic Actuated Butterfly Valve

Working Pressure : -1..10 Bar
Working Temperature : -10.. +95°C
Body : AISI 316L (On request)
Seal : EPDM (On request Viton, Silikon)

Size Type

DN25	TORK-PAV 814.25 DA	
DN32	TORK-PAV 814.32 DA	
DN40	TORK-PAV 814.40 DA	
DN50	TORK-PAV 814.50 DA	
DN65	TORK-PAV 814.65 DA	
DN80	TORK-PAV 814.80 DA	
DN100	TORK-PAV 814.100 DA	
DN125	TORK-PAV 814.125 DA	
DN150	TORK-PAV 814.150 DA	

Size Type

DN25	TORK-PAV 814.25 SR	
DN32	TORK-PAV 814.32 SR	
DN40	TORK-PAV 814.40 SR	
DN50	TORK-PAV 814.50 SR	
DN65	TORK-PAV 814.65 SR	
DN80	TORK-PAV 814.80 SR	
DN100	TORK-PAV 814.100 SR	
DN125	TORK-PAV 814.125 SR	
DN150	TORK-PAV 814.150 SR	

Hygienic Actuators

Type

TORK-HRA.85DA	
TORK-HRA.133DA	

Type

TORK-HRA.85SR	
TORK-HRA.133SR	



Stainless Steel Actuated Ball Valve

Type

DN 15 - 80	
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Hygienic Stainless Steel Butterfly Valve (without bracket)

Size Type

NW25	TORK-KV 813.25	
NW32	TORK-KV 813.32	
NW40	TORK-KV 813.40	
NW50	TORK-KV 813.50	
NW65	TORK-KV 813.65	
NW80	TORK-KV 813.80	
NW100	TORK-KV 813.100	
NW125	TORK-KV 813.125	
NW150	TORK-KV 813.150	



Hygienic Actuators Bracket

Type

TORK-HRA.85-B	
TORK-HRA.133-B	

Hydraulic Actuator

Hydraulic Actuator

Ask for Price

90° return ball and butterfly valve applications.

Big torque value is obtainable with small actuators.

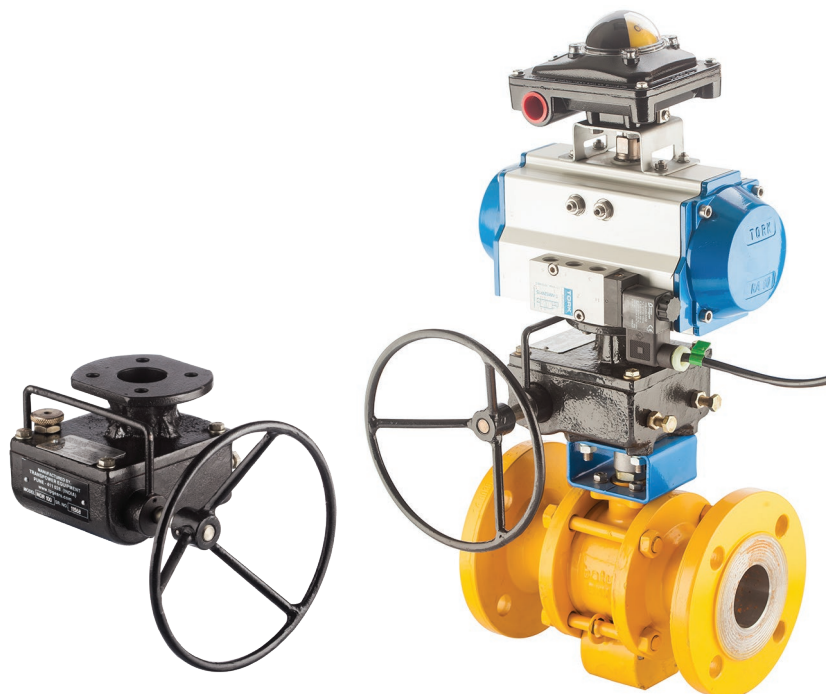


Manual Control Unit

Manual Control Unit

Model	Torque (Nm)	
TORK-MOR.100	100	
TORK-MOR.450	450	
TORK-MOR.750	750	
TORK-MOR.1500	1500	
TORK-MOR.3500	3500	
TORK-MOR.5000	5000	
TORK-MOR.7500	7500	
Inter Connection Price		

In high level of safety process, in case of actuator failure, valve can be manually controlled.



Manual Control Unit
Model Application

Multi turn Electric Actuator



Application
Globe Valve
Gate Valve
Butterfly Valve
Ball Valve

High torque require applications.



Centork Multi-turn Actuators (Standard Type)

Model	Size	Torque (Nm)		
		Working	Max.	
TORK-MEA.10	F07/F10	10	30	
TORK-MEA.20	F07/F10	20	60	
TORK-MEA.40	F10	40	120	
TORK-MEA.83	F14	83	250	
TORK-MEA.167	F14	167	500	

Centork Multi-turn Actuators (Modulating Type)

Model	Size	Torque (Nm)		
		Working	Max.	
TORK-MEAM.10	F07/F10	10	20	
TORK-MEAM.20	F07/F10	20	40	
TORK-MEAM.45	F10	45	90	
TORK-MEAM.90	F14	90	180	
TORK-MEAM.180	F14	180	360	

Mini Electric Actuated Ball Valve (HVAC Application)

Application : Air, Water, HVAC application, vacuum application, high viscosity and dirty liquids

Open-Close Time : 5 - 7 sec.

Temperature : 20°C ...80°C

Pressure : 10 bar



1 sec. Open - Close Time

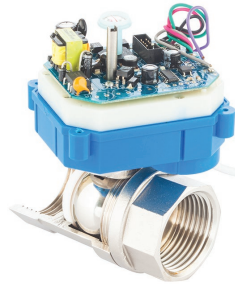


Mini Electric Actuated
2/2 Way Screwed Stainless Steel Ball Valve

Mini Electric Actuated
2/2 Way Timer Controlled Screwed Stainless Steel Ball Valve

Size	Type	
1/2"	RMEA-015-12VAC-DC	
1/2"	RMEA-015-24VAC-DC	
1/2"	RMEA-015-230VAC	
3/4"	RMEA-020-12VAC-DC	
3/4"	RMEA-020-24VAC-DC	
3/4"	RMEA-020-230VAC	
1"	RMEA-025-12VAC-DC	
1"	RMEA-025-24VAC-DC	
1"	RMEA-025-230VAC	

Size	Type	
1/2"	RTMEA-015-12VAC-DC	
1/2"	RTMEA-015-24VAC-DC	
1/2"	RTMEA-015-230VAC	
3/4"	RTMEA-020-12VAC-DC	
3/4"	RTMEA-020-24VAC-DC	
3/4"	RTMEA-020-230VAC	
1"	RTMEA-025-12VAC-DC	
1"	RTMEA-025-24VAC-DC	
1"	RTMEA-025-230VAC	



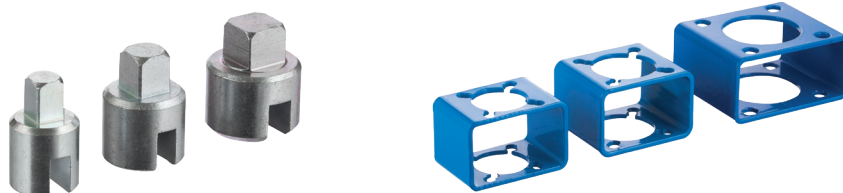
Mini Electric Actuated
3/2 Way Screwed Stainless Steel Ball Valve

Mini Electric Actuated
3/2 Way Screwed Brass Ball Valve

Size	Type	
1/2"	RMEA-015-12VAC-DC-3WS	
1/2"	RMEA-015-24VAC-DC-3WS	
1/2"	RMEA-015-230VAC-3WS	
3/4"	RMEA-020-12VAC-DC-3WS	
3/4"	RMEA-020-24VAC-DC-3WS	
3/4"	RMEA-020-230VAC-3WS	
1"	RMEA-025-12VAC-DC-3WS	
1"	RMEA-025-24VAC-DC-3WS	
1"	RMEA-025-230VAC-3WS	

Size	Type	
1/2"	RMEA-015-12VAC-DC-3WB	
1/2"	RMEA-015-24VAC-DC-3WB	
1/2"	RMEA-015-230VAC-3WB	
3/4"	RMEA-020-12VAC-DC-3WB	
3/4"	RMEA-020-24VAC-DC-3WB	
3/4"	RMEA-020-230VAC-3WB	
1"	RMEA-025-12VAC-DC-3WB	
1"	RMEA-025-24VAC-DC-3WB	
1"	RMEA-025-230VAC-3WB	

Valve - Actuator Connection Parts



Valve - Actuator Connection Parts

Actuator Model	Standard Connection Parts	Stainless Steel Connection Parts	Special Connection Parts
RA32, RA40, RA60	KVR20KCK, PRF20KCK	KVR06KCK, PRF06KCK	KVR06OZELKCK, PRF06OZELKCK
RA80, RA100, RA120	KVR20ORT, PRF20ORT	KVR06ORT, PRF06ORT	KVR06OZELORT, PRF06OZELORT
RA143, RA160, RA200	KVR20BYK, PRF20BYK	KVR06BYK, PRF06BYK	KVR06OZELBYK, PRF06OZELBYK

Adaptors

Code	Description
TORK-ADP1109X135	11X9X14(H) Adaptor
TORK-ADP1409X175	14X9X18(H) Adaptor
TORK-ADP1411X200	14X11X20(H) Adaptor
TORK-ADP1711X215	17X11X22(H) Adaptor
TORK-ADP1714X215	17X14X22(H) Adaptor
TORK-ADP2214X315	22X14X32(H) Adaptor
TORK-ADP2217X315	22X17X32(H) Adaptor
TORK-ADP2717X315	27X17X32(H) Adaptor
TORK-ADP2722X355	27X22X36(H) Adaptor
TORK-ADP3627X390	36X27X39(H) Adaptor



Note: Adaptors provide downsizing of the actuator in the square and star connection dimensions.

Pneumatic Controlled Pinch (Elastic) Valves

Pneumatic Controlled TORK-PD Series Screwed Connection Pinch Valves

Size	Type
1/2"	TORK-PD.03.150.E
3/4"	TORK-PD.04.200.E
1"	TORK-PD.05.250.E
1 1/4"	TORK-PD.06.320.E
1 1/2"	TORK-PD.07.400.E
2"	TORK-PD.08.500.E



Pneumatic Controlled TORK-PF Series Flanged Connection Pinch Valves

Size	Type
1 1/2"	TORK-PF.07.400.E
2"	TORK-PF.08.600.E
2 1/2"	TORK-PF.09.600.E
3"	TORK-PF.10.750.E
4"	TORK-PF.12.1000.E
5"	TORK-PF.17.1200.E
6"	TORK-PF.18.1450.E
8"	TORK-PF.20.1900.E
10"	TORK-PF.23.2500.E
12"	TORK-PF.24.2900.E
16"	TORK-PF.25.3900.E
20"	TORK-PF.26.4900.E

Body : Aluminium Casting, Stainless Steel etc.
 Impermeability : NR, NBR, EPDM, Viton, Silicon etc.
 Working Pressure : 2-6 Bar
 Working Temperature : 0°C-60°C
 Fluid Types : Corrosive and abrasive granules containing fibers, dusts and cellulose
 Applications : Cement industry, ceramic and glass industries, waste water treatment, chemical industry etc.



METSO HIGH PERFORMANCE PROCESS VALVES

APPLICATIONS



ENERGY



IRON
AND
STEEL



PAPER



PAINT
INDUSTRY



PETRO
CHEMICALS



SUGAR



FERTILIZER

Type : 3-Axis High Performance Butterfly Valve With Metal Seal

Pressure: PN10, PN16, PN25, ANSI 150

Size : DN80- DN1400 / 3" - 56"

Temperature : -50°C...+260°C



ASK FOR PRICE

Type : T5 Series, Rotary Ball Valve

Size : PN 25-100, ASME 150-600

Pressure : DN 25 - 400 / 1" - 16"

Temperature : -200...+600°C



Type : 3-Axis High Performance Butterfly Valve With Metal Seal

Pressure : ASME 150-600

Size : DN 100- 2000 / 4" - 80"

Temperature : -200 °C ... +600 °C



PNEUMATIC DIAPHRAGM ACTUATED LINEER GLOBE VALVE

APPLICATIONS



IRON - STEEL



TEXTILE



NUTRIENT



POWER



HOT OIL



GAS



STEAM



WATER



TORK-SS2L
(Smart Linear Type)



TORK-EPL
(Electromechanic Linear Type)



METSO - NDX Positioner
Smart Linear Type

Steam, Water, Hot Oil

Pneumatic Actuated Diaphragm Globe Valve

Size	Type			
		Sphero Cast Iron Body	Carbon Steel Body	Stainless Steel Body
DN15	TORK-LV3000K015			
DN20	TORK-LV3000K020			
DN25	TORK-LV3000K025			
DN32	TORK-LV3000K032			
DN40	TORK-LV3000K040			
DN50	TORK-LV3000K050			
DN65	TORK-LV3000K065			
DN80	TORK-LV3000K080			
DN100	TORK-LV3000K100			
DN150	TORK-LV3000K150			

TECHNICAL SPECIFICATIONS

Working Temperature : 240 °C,
on request ; 350 °C
Working Pressure :
Cast Iron : PN25
Steel Body : PN40
Stainless Steel : PN40
Warranty : 2 year

Linear Pneumatic Actuated Globe Valves (On-Off / Proportional)

2/2 - 3/2 Way Linear Diaphragm Valves (On/Off)

Size	Type - 2/2	Type - 3/2
DN15	LDV 901.03	LDV 902.03
DN20	LDV 901.04	LDV 902.04
DN25	LDV 901.05	LDV 902.05
DN32	LDV 901.06	LDV 902.06
DN40	LDV 901.07	LDV 902.07
DN50	LDV 901.08	LDV 902.08
DN65	LDV 901.09	LDV 902.09
DN80	LDV 901.10	LDV 902.10
DN100	LDV 901.12	LDV 902.12

Max temperature is 200 °C

2/2 - 3/2 Way Linear Hot Oil Valve (On/Off)

Size	Type - 2/2	Type - 3/2
DN15	LDV 903.03	LDV 904.03
DN20	LDV 903.04	LDV 904.04
DN25	LDV 903.05	LDV 904.05
DN32	LDV 903.06	LDV 904.06
DN40	LDV 903.07	LDV 904.07
DN50	LDV 903.08	LDV 904.08
DN65	LDV 903.09	LDV 904.09
DN80	LDV 903.10	LDV 904.10
DN100	LDV 903.12	LDV 904.12

Max temperature is 300 °C



TORK-SS2L

TORK-EPL

2/2 - 3/2 Way Linear Steam Valve (Proportional)

Size	Type - 2/2	Type - 3/2
DN15	LDV 905.03	LDV 906.03
DN20	LDV 905.04	LDV 906.04
DN25	LDV 905.05	LDV 906.05
DN32	LDV 905.06	LDV 906.06
DN40	LDV 905.07	LDV 906.07
DN50	LDV 905.08	LDV 906.08
DN65	LDV 905.09	LDV 906.09
DN80	LDV 905.10	LDV 906.10
DN100	LDV 905.12	LDV 906.12

2/2 - 3/2 Way Linear Hot Oil Valve (Proportional)

Size	Type - 2/2	Type - 3/2
DN15	LDV 907.03	LDV 908.03
DN20	LDV 907.04	LDV 908.04
DN25	LDV 907.05	LDV 908.05
DN32	LDV 907.06	LDV 908.06
DN40	LDV 907.07	LDV 908.07
DN50	LDV 907.08	LDV 908.08
DN65	LDV 907.09	LDV 908.09
DN80	LDV 907.10	LDV 908.10
DN100	LDV 907.12	LDV 908.12



TORK-KV.W (121) Series Wafer Type Butterfly Valves and Pneumatic Actuated Butterfly Valves



Hand Lever EPDM Seal Butterfly Valve			Double Acting Pneumatic Actuated Butterfly Valve			Single Acting Pneumatic Actuated Butterfly Valve		
Size	Type		Size	Type		Size	Type	
DN50	TORK-KV.W121.50		DN50	PAV 800.50 DA		DN50	PAV 800.50 SR	
DN65	TORK-KV.W121.65		DN65	PAV 800.65 DA		DN65	PAV 800.65 SR	
DN80	TORK-KV.W121.80		DN80	PAV 800.80 DA		DN80	PAV 800.80 SR	
DN100	TORK-KV.W121.100		DN100	PAV 800.100 DA		DN100	PAV 800.100 SR	
DN125	TORK-KV.W121.125		DN125	PAV 800.125 DA		DN125	PAV 800.125 SR	
DN150	TORK-KV.W121.150		DN150	PAV 800.150 DA		DN150	PAV 800.150 SR	
DN200	TORK-KV.W121.200		DN200	PAV 800.200 DA		DN200	PAV 800.200 SR	
DN250	TORK-KV.W121.250		DN250	PAV 800.250 DA		DN250	PAV 800.250 SR	
DN300	TORK-KV.W121.300		DN300	PAV 800.300 DA		DN300	PAV 800.300 SR	
DN350	TORK-KV.W121.350		DN350	PAV 800.350 DA		DN350	PAV 800.350 SR	
DN400	TORK-KV.W121.400		DN400	PAV 800.400 DA		DN400	PAV 800.400 SR	
DN450	TORK-KV.W121.450		DN450	PAV 800.450 DA		DN450	PAV 800.450 SR	
DN500	TORK-KV.W121.500		DN500	PAV 800.500 DA		DN500	PAV 800.500 SR	
DN600	TORK-KV.W121.600		DN600	PAV 800.600 DA		DN600	PAV 800.600 SR	

EAV 800 SERIES Electric Actuated Wafer Type Butterfly Valves



Electric Actuated Butterfly Valve - 220V AC		
Size	Type	
DN50	EAV 800.50 AC	
DN65	EAV 800.65 AC	
DN80	EAV 800.80 AC	
DN100	EAV 800.100 AC	
DN125	EAV 800.125 AC	
DN150	EAV 800.150 AC	
DN200	EAV 800.200 AC	
DN250	EAV 800.250 AC	
DN300	EAV 800.300 AC	
DN350	EAV 800.350 AC	
DN400	EAV 800.400 AC	
DN450	EAV 800.450 AC	
DN500	EAV 800.500 AC	
DN600	EAV 800.600 AC	

Electric Actuated Butterfly Valve - 24V DC		
Size	Type	
DN50	EAV 800.50 DC	
DN65	EAV 800.65 DC	
DN80	EAV 800.80 DC	
DN100	EAV 800.100 DC	
DN125	EAV 800.125 DC	
DN150	EAV 800.150 DC	
DN200	EAV 800.200 DC	
DN250	EAV 800.250 DC	

TORK-KV.W (1120) Series Wafer Type Butterfly Valve and Pneumatic Actuated Butterfly Valve

Seal : EPDM
Disc : 316 SS
Body : GG-25 Epoxy Coated
Pressure: PN10, PN16



Hand Lever EPDM Seal Butterfly Valve			Double Acting Pneumatic Actuated Butterfly Valve			Single Acting Pneumatic Actuated Butterfly Valve		
Size	Type		Size	Type		Size	Type	
DN25	TORK-KV.W1120.25		DN25	PAV 802.25 DA		DN25	PAV 802.25 SR	
DN32	TORK-KV.W1120.32		DN32	PAV 802.32 DA		DN32	PAV 802.32 SR	
DN40	TORK-KV.W1120.40		DN40	PAV 802.40 DA		DN40	PAV 802.40 SR	
DN50	TORK-KV.W1120.50		DN50	PAV 802.50 DA		DN50	PAV 802.50 SR	
DN65	TORK-KV.W1120.65		DN65	PAV 802.65 DA		DN65	PAV 802.65 SR	
DN80	TORK-KV.W1120.80		DN80	PAV 802.80 DA		DN80	PAV 802.80 SR	
DN100	TORK-KV.W1120.100		DN100	PAV 802.100 DA		DN100	PAV 802.100 SR	
DN125	TORK-KV.W1120.125		DN125	PAV 802.125 DA		DN125	PAV 802.125 SR	
DN150	TORK-KV.W1120.150		DN150	PAV 802.150 DA		DN150	PAV 802.150 SR	
DN200	TORK-KV.W1120.200		DN200	PAV 802.200 DA		DN200	PAV 802.200 SR	
DN250	TORK-KV.W1120.250		DN250	PAV 802.250 DA		DN250	PAV 802.250 SR	
DN300	TORK-KV.W1120.300		DN300	PAV 802.300 DA		DN300	PAV 802.300 SR	
DN350	TORK-KV.W1120.350		DN350	PAV 802.350 DA		DN350	PAV 802.350 SR	
DN400	TORK-KV.W1120.400		DN400	PAV 802.400 DA		DN400	PAV 802.400 SR	
DN450	TORK-KV.W1120.450		DN450	PAV 802.450 DA		DN450	PAV 802.450 SR	
DN500	TORK-KV.W1120.500		DN500	PAV 802.500 DA		DN500	PAV 802.500 SR	
DN600	TORK-KV.W1120.600		DN600	PAV 802.600 DA		DN600	PAV 802.600 SR	

EAV 802 SERIES Electric Actuated Wafer Type Butterfly Valve



Electric Actuated Butterfly Valve - 220V AC		
Size	Type	
DN25	EAV 802.25 AC	
DN32	EAV 802.32 AC	
DN40	EAV 802.40 AC	
DN50	EAV 802.50 AC	
DN65	EAV 802.65 AC	
DN80	EAV 802.80 AC	
DN100	EAV 802.100 AC	
DN125	EAV 802.125 AC	
DN150	EAV 802.150 AC	
DN200	EAV 802.200 AC	
DN250	EAV 802.250 AC	
DN300	EAV 802.300 AC	
DN350	EAV 802.350 AC	
DN400	EAV 802.400 AC	
DN450	EAV 802.450 AC	
DN500	EAV 802.500 AC	
DN600	EAV 802.600 AC	

Electric Actuated Butterfly Valve - 24V DC		
Size	Type	
DN25	EAV 802.25 DC	
DN32	EAV 802.32 DC	
DN40	EAV 802.40 DC	
DN50	EAV 802.50 DC	
DN65	EAV 802.65 DC	
DN80	EAV 802.80 DC	
DN100	EAV 802.100 DC	
DN125	EAV 802.125 DC	
DN150	EAV 802.150 DC	
DN200	EAV 802.200 DC	
DN250	EAV 802.250 DC	
DN300	EAV 802.300 DC	
DN350	EAV 802.350 DC	
DN400	EAV 802.400 DC	
DN450	EAV 802.450 DC	
DN500	EAV 802.500 DC	
DN600	EAV 802.600 DC	

TORK-KV.W (1140) Series Lug Type Butterfly Valve and Pneumatic Actuated Butterfly Valve

Seal : EPDM
Disc : 316 SS
Body : GG-25 Epoxy Paint
Pressure: PN10, PN16



Hand Lever EPDM Seal Lug Type Butterfly Valve			Double Acting Pneumatic Actuated Butterfly Valve			Single Acting Pneumatic Actuated Butterfly Valve		
Size	Type		Size	Type		Size	Type	
DN25	TORK-KV.L1140.25		DN25	PAV 803.25 DA		DN25	PAV 803.25 SR	
DN32	TORK-KV.L1140.32		DN32	PAV 803.32 DA		DN32	PAV 803.32 SR	
DN40	TORK-KV.L1140.40		DN40	PAV 803.40 DA		DN40	PAV 803.40 SR	
DN50	TORK-KV.L1140.50		DN50	PAV 803.50 DA		DN50	PAV 803.50 SR	
DN65	TORK-KV.L1140.65		DN65	PAV 803.65 DA		DN65	PAV 803.65 SR	
DN80	TORK-KV.L1140.80		DN80	PAV 803.80 DA		DN80	PAV 803.80 SR	
DN100	TORK-KV.L1140.100		DN100	PAV 803.100 DA		DN100	PAV 803.100 SR	
DN125	TORK-KV.L1140.125		DN125	PAV 803.125 DA		DN125	PAV 803.125 SR	
DN150	TORK-KV.L1140.150		DN150	PAV 803.150 DA		DN150	PAV 803.150 SR	
DN200	TORK-KV.L1140.200		DN200	PAV 803.200 DA		DN200	PAV 803.200 SR	
DN250	TORK-KV.L1140.250		DN250	PAV 803.250 DA		DN250	PAV 803.250 SR	
DN300	TORK-KV.L1140.300		DN300	PAV 803.300 DA		DN300	PAV 803.300 SR	
DN350	TORK-KV.L1140.350		DN350	PAV 803.350 DA		DN350	PAV 803.350 SR	
DN400	TORK-KV.L1140.400		DN400	PAV 803.400 DA		DN400	PAV 803.400 SR	
DN450	TORK-KV.L1140.450		DN450	PAV 803.450 DA		DN450	PAV 803.450 SR	
DN500	TORK-KV.L1140.500		DN500	PAV 803.500 DA		DN500	PAV 803.500 SR	
DN600	TORK-KV.L1140.600		DN600	PAV 803.600 DA		DN600	PAV 803.600 SR	

EAV 803 SERIES Electric Actuated Lug Type Butterfly Valves

Proportionally
Electric Actuator Usage



ON - OFF
Electric Actuator Usage

Proportionally
Electric Actuator Usage



ON - OFF
Electric Actuator Usage

Electric Actuated Butterfly Valve - 220V AC

Size	Type	
DN25	EAV 803.25 AC	
DN32	EAV 803.32 AC	
DN40	EAV 803.40 AC	
DN50	EAV 803.50 AC	
DN65	EAV 803.65 AC	
DN80	EAV 803.80 AC	
DN100	EAV 803.100 AC	
DN125	EAV 803.125 AC	
DN150	EAV 803.150 AC	
DN200	EAV 803.200 AC	
DN250	EAV 803.250 AC	
DN300	EAV 803.300 AC	
DN350	EAV 803.350 AC	
DN400	EAV 803.400 AC	
DN450	EAV 803.450 AC	
DN500	EAV 803.500 AC	
DN600	EAV 803.600 AC	

Electric Actuated Butterfly Valve - 24V DC

Size	Type	
DN25	EAV 803.25 DC	
DN32	EAV 803.32 DC	
DN40	EAV 803.40 DC	
DN50	EAV 803.50 DC	
DN65	EAV 803.65 DC	
DN80	EAV 803.80 DC	
DN100	EAV 803.100 DC	
DN125	EAV 803.125 DC	
DN150	EAV 803.150 DC	
DN200	EAV 803.200 DC	
DN250	EAV 803.250 DC	
DN300	EAV 803.300 DC	
DN350	EAV 803.350 DC	
DN400	EAV 803.400 DC	
DN450	EAV 803.450 DC	
DN500	EAV 803.500 DC	
DN600	EAV 803.600 DC	

Pneumatic Actuated Butterfly Valves



Actuator : RA,DA Series
Body : GG-25 Epoxy Coated
Seal : Teflon
Disc : AISI 316SS
Pressure : PN6 (On Request PN10, PN16)

Teflon Seal Butterfly Valves

Size	Type	
DN50	PAV 805.50 DA	
DN65	PAV 805.65 DA	
DN80	PAV 805.80 DA	
DN100	PAV 805.100 DA	
DN125	PAV 805.125 DA	
DN150	PAV 805.150 DA	
DN200	PAV 805.200 DA	
DN250	PAV 805.250 DA	
DN300	PAV 805.300 DA	



Actuator : RA,DA Serisi
Body : GG-25 Epoxy Coated
Seal : Viton
Disc : AISI 316SS
Pressure : PN6 (On Request PN10, PN16)

Viton Seal Butterfly Valves

Size	Type	
DN50	PAV 806.50 DA	
DN65	PAV 806.65 DA	
DN80	PAV 806.80 DA	
DN100	PAV 806.100 DA	
DN125	PAV 806.125 DA	
DN150	PAV 806.150 DA	
DN200	PAV 806.200 DA	
DN250	PAV 806.250 DA	
DN300	PAV 806.300 DA	



Actuator : RA,DA Series
Body : Stainless Steel
Seal : Teflon
Disc : AISI 316SS
Pressure : PN6 (On Request PN10, PN16)

Stainless Steel Body Butterfly Valves

Size	Type	
DN50	PAV 807.50 DA	
DN65	PAV 807.65 DA	
DN80	PAV 807.80 DA	
DN100	PAV 807.100 DA	
DN125	PAV 807.125 DA	
DN150	PAV 807.150 DA	
DN200	PAV 807.200 DA	
DN250	PAV 807.250 DA	
DN300	PAV 807.300 DA	



Actuator : RA,DA Series
Body : Pig Cast Iron
Seal : Teflon
Disc : AISI 316SS
Pressure : PN6 (On Request PN10, PN16)

Flanged Plug Ball Valves

Size	Type	
DN15	PAV 915.15 DA	
DN20	PAV 915.20 DA	
DN25	PAV 915.25 DA	
DN32	PAV 915.32 DA	
DN40	PAV 915.40 DA	
DN50	PAV 915.50 DA	
DN65	PAV 915.65 DA	
DN80	PAV 915.80 DA	
DN100	PAV 915.100 DA	



Actuator : RA,DA Series
Body : PVC
Seal : EPDM
Disc : PVC
Pressure : PN6

PVC Butterfly Valves

Size	Type	
DN80	PAV 812.80 DA	
DN125	PAV 812.125 DA	
DN150	PAV 812.150 DA	
DN200	PAV 812.200 DA	
DN250	PAV 812.250 DA	



Actuator : RA,DA Series
Body : Stainless Steel
Seal : Teflon
Disc : AISI 316SS
Pressure : PN6 (On Request PN10, PN16)

Hygienic Butterfly Valves (For Nutrient Sector)

Size	Type	
DN25	PAV 813.25 DA	
DN40	PAV 813.40 DA	
DN50	PAV 813.50 DA	
DN65	PAV 813.65 DA	
DN80	PAV 813.80 DA	
DN125	PAV 813.100 DA	

2 Way Pneumatic Actuated 3 Pieces Screwed Stainless Steel Ball Valves

Hand Lever 2/2 Way Screwed Ball Valves

Size	Type	Pressure	
1/2"	TORK-KV 903.15	PN63	
3/4"	TORK-KV 903.20	PN63	
1"	TORK-KV 903.25	PN63	
1 1/4"	TORK-KV 903.32	PN63	
1 1/2"	TORK-KV 903.40	PN63	
2"	TORK-KV 903.50	PN63	
2 1/2"	TORK-KV 903.65	PN63	
3"	TORK-KV 903.80	PN63	



Double Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 903.15 DA	
3/4"	PAV 903.20 DA	
1"	PAV 903.25 DA	
1 1/4"	PAV 903.32 DA	
1 1/2"	PAV 903.40 DA	
2"	PAV 903.50 DA	
2 1/2"	PAV 903.65 DA	
3"	PAV 903.80 DA	

Single Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 903.15 SR	
3/4"	PAV 903.20 SR	
1"	PAV 903.25 SR	
1 1/4"	PAV 903.32 SR	
1 1/2"	PAV 903.40 SR	
2"	PAV 903.50 SR	
2 1/2"	PAV 903.65 SR	
3"	PAV 903.80 SR	



3 Way Pneumatic Actuated Screwed Stainless Steel Ball Valves

Hand Lever 3/2 Way Screwed Ball Valve

Size	Type	Pressure	
1/2"	TORK-KV 904.15	PN63	
3/4"	TORK-KV 904.20	PN63	
1"	TORK-KV 904.25	PN63	
1 1/4"	TORK-KV 904.32	PN63	
1 1/2"	TORK-KV 904.40	PN63	
2"	TORK-KV 904.50	PN63	



Double Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 904.15 DA	
3/4"	PAV 904.20 DA	
1"	PAV 904.25 DA	
1 1/4"	PAV 904.32 DA	
1 1/2"	PAV 904.40 DA	
2"	PAV 904.50 DA	

Single Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 904.15 SR	
3/4"	PAV 904.20 SR	
1"	PAV 904.25 SR	
1 1/4"	PAV 904.32 SR	
1 1/2"	PAV 904.40 SR	
2"	PAV 904.50 SR	



2 Way Pneumatic Actuated 3 Pieces Flanged Stainless Steel Ball Valves

Hand Lever 2/2 Way Flanged Ball Valves

Size **Type**

DN15	TORK-KV 905F.15		
DN20	TORK-KV 905F.20		
DN25	TORK-KV 905F.25		
DN32	TORK-KV 905F.32		
DN40	TORK-KV 905F.40		
DN50	TORK-KV 905F.50		
DN65	TORK-KV 905F.65		
DN80	TORK-KV 905F.80		
DN100	TORK-KV 905F.100		
DN125	TORK-KV 905F.125		
DN150	TORK-KV 905F.150		

Body: Stainless Steel 316



Double Acting Pneumatic Actuated Ball Valves

Size **Type**

DN15	PAV 905F.15 DA		
DN20	PAV 905F.20 DA		
DN25	PAV 905F.25 DA		
DN32	PAV 905F.32 DA		
DN40	PAV 905F.40 DA		
DN50	PAV 905F.50 DA		
DN65	PAV 905F.65 DA		
DN80	PAV 905F.80 DA		
DN100	PAV 905F.100 DA		

Body: Stainless Steel 316

Single Acting Pneumatic Actuated Ball Valves

Size **Type**

DN15	PAV 905F.15 SR		
DN20	PAV 905F.20 SR		
DN25	PAV 905F.25 SR		
DN32	PAV 905F.32 SR		
DN40	PAV 905F.40 SR		
DN50	PAV 905F.50 SR		
DN65	PAV 905F.65 SR		
DN80	PAV 905F.80 SR		
DN100	PAV 905F.100 SR		

2 Way Pneumatic Actuated 2 Pieces Flanged Stainless Steel Ball Valves



Hand Lever 2/2 Way Flanged Ball Valves

Size **Type**

DN15	TORK-KV 906F.15		
DN20	TORK-KV 906F.20		
DN25	TORK-KV 906F.25		
DN32	TORK-KV 906F.32		
DN40	TORK-KV 906F.40		
DN50	TORK-KV 906F.50		

Double Acting Pneumatic Actuated Ball Valves

Size **Type**

DN15	PAV 906F.15 DA		
DN20	PAV 906F.20 DA		
DN25	PAV 906F.25 DA		
DN32	PAV 906F.32 DA		
DN40	PAV 906F.40 DA		
DN50	PAV 906F.50 DA		

Single Acting Pneumatic Actuated Ball Valves

Size **Type**

DN15	PAV 906F.15 SR		
DN20	PAV 906F.20 SR		
DN25	PAV 906F.25 SR		
DN32	PAV 906F.32 SR		
DN40	PAV 906F.40 SR		
DN50	PAV 906F.50 SR		

Body: Stainless Steel 316

2 Way Electric Actuated 3 Pieces Screwed Stainless Steel Ball Valves

Screwed Stainless Steel Ball Valves 220V AC

Size	Type	
1/2"	EAV 903.15 AC	
3/4"	EAV 903.20 AC	
1"	EAV 903.25 AC	
1 1/4"	EAV 903.32 AC	
1 1/2"	EAV 903.40 AC	
2"	EAV 903.50 AC	

Screwed Stainless Steel Ball Valves 24V DC

Size	Type	
1/2"	EAV 903.15 DC	
3/4"	EAV 903.20 DC	
1"	EAV 903.25 DC	
1 1/4"	EAV 903.32 DC	
1 1/2"	EAV 903.40 DC	
2"	EAV 903.50 DC	



3 Way Electric Actuated Screwed Stainless Steel Ball Valve

3/2 Way Electric Actuated Screwed Stainless Steel Ball Valves 220V AC

Size	Type	
1/2"	EAV 904.15 AC	
3/4"	EAV 904.20 AC	
1"	EAV 904.25 AC	
1 1/4"	EAV 904.32 AC	
1 1/2"	EAV 904.40 AC	
2"	EAV 904.50 AC	

3/2 Way Electric Actuated Screwed Stainless Steel Ball Valves 24V DC

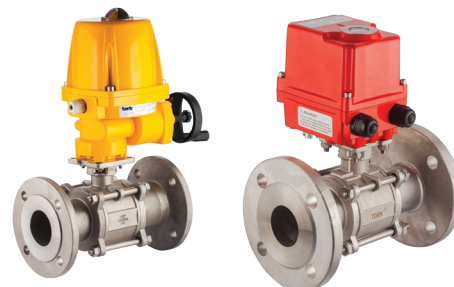
Size	Type	
1/2"	EAV 904.15 DC	
3/4"	EAV 904.20 DC	
1"	EAV 904.25 DC	
1 1/4"	EAV 904.32 DC	
1 1/2"	EAV 904.40 DC	
2"	EAV 904.50 DC	



2 Way Electric Actuated 3 Pieces Flanged Stainless Steel Ball Valves

Flanged Stainless Steel Ball Valves

Size	Type		
DN15	EAV 905.15 AC		
DN20	EAV 905.20 AC		
DN25	EAV 905.25 AC		
DN32	EAV 905.32 AC		
DN40	EAV 905.40 AC		
DN50	EAV 905.50 AC		
DN65	EAV 905.65 AC		
DN80	EAV 905.80 AC		
DN100	EAV 905.100 AC		



2 Way Pneumatic and Electric Actuated Screwed PVC Ball Valves

PVC Body Hand Lever Ball Valves

Size	Type		
1/2"	TORK-PKV 913.15		
3/4"	TORK-PKV 913.20		
1"	TORK-PKV 913.25		
1 1/4"	TORK-PKV 913.32		
1 1/2"	TORK-PKV 913.40		
2"	TORK-PKV 913.50		
2 1/2"	TORK-PKV 913.65		
3"	TORK-PKV 913.80		
4"	TORK-PKV 913.100		



PVC Body Hand Lever

Double Acting Pneumatic Actuated Ball Valves

Size	Type		
1/2"	PAV 913.15 DA		
3/4"	PAV 913.20 DA		
1"	PAV 913.25 DA		
1 1/4"	PAV 913.32 DA		
1 1/2"	PAV 913.40 DA		
2"	PAV 913.50 DA		
2 1/2"	PAV 913.65 DA		
3"	PAV 913.80 DA		
4"	PAV 913.100 DA		



Single Acting Pneumatic Actuated Ball Valves

Size	Type		
1/2"	PAV 913.15 SR		
3/4"	PAV 913.20 SR		
1"	PAV 913.25 SR		
1 1/4"	PAV 913.32 SR		
1 1/2"	PAV 913.40 SR		
2"	PAV 913.50 SR		
2 1/2"	PAV 913.65 SR		
3"	PAV 913.80 SR		
4"	PAV 913.100 SR		



2/2 Way Electric Actuated Screwed PVC Ball Valves 220V DC

Size	Tip		
1/2"	EAV 913.15 AC		
3/4"	EAV 913.20 AC		
1"	EAV 913.25 AC		
1 1/4"	EAV 913.32 AC		
1 1/2"	EAV 913.40 AC		
2"	EAV 913.50 AC		
2 1/2"	EAV 913.65 AC		
3"	EAV 913.80 AC		
4"	EAV 913.100 AC		



2/2 Way Electric Actuated Screwed PVC Ball Valves 24V DC

Size	Type		
1/2"	EAV 913.15 DC		
3/4"	EAV 913.20 DC		
1"	EAV 913.25 DC		
1 1/4"	EAV 913.32 DC		
1 1/2"	EAV 913.40 DC		
2"	EAV 913.50 DC		
2 1/2"	EAV 913.65 DC		
3"	EAV 913.80 DC		
4"	EAV 913.100 DC		



2 Way Pneumatic Actuated Screwed Brass Valve

Hand Lever 2/2 Way Screwed Brass Ball Valves

Size	Type	Pressure	
1/2"	TORK-KV 901.15	PN40	
3/4"	TORK-KV 901.20	PN40	
1"	TORK-KV 901.25	PN40	
1 1/4"	TORK-KV 901.32	PN40	
1 1/2"	TORK-KV 901.40	PN25	
2"	TORK-KV 901.50	PN25	
2 1/2"	TORK-KV 901.65	PN25	
3 "	TORK-KV 901.80	PN16	



Brass Body

Double Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 901.15 DA	
3/4"	PAV 901.20 DA	
1"	PAV 901.25 DA	
1 1/4"	PAV 901.32 DA	
1 1/2"	PAV 901.40 DA	
2"	PAV 901.50 DA	
2 1/2"	PAV 901.65 DA	
3 "	PAV 901.80 DA	



Single Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 901.15 SR	
3/4"	PAV 901.20 SR	
1"	PAV 901.25 SR	
1 1/4"	PAV 901.32 SR	
1 1/2"	PAV 901.40 SR	
2"	PAV 901.50 SR	
2 1/2"	PAV 901.65 SR	
3 "	PAV 901.80 SR	



3 Way Pneumatic Actuated Screwed Brass Ball Valves

3/2 Way L Type Brass Ball Valve with Hand Lever

Size	Type	Pressure	
1/2"	TORK-KV 902.15	PN40	
3/4"	TORK-KV 902.20	PN40	
1"	TORK-KV 902.25	PN40	
1 1/4"	TORK-KV 902.32	PN40	
1 1/2"	TORK-KV 902.40	PN25	
2"	TORK-KV 902.50	PN25	



Double Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 902.15 DA	
3/4"	PAV 902.20 DA	
1"	PAV 902.25 DA	
1 1/4"	PAV 902.32 DA	
1 1/2"	PAV 902.40 DA	
2"	PAV 902.50 DA	



Single Acting Pneumatic Actuated Ball Valves

Size	Type	
1/2"	PAV 902.15 SR	
3/4"	PAV 902.20 SR	
1"	PAV 902.25 SR	
1 1/4"	PAV 902.32 SR	
1 1/2"	PAV 902.40 SR	
2"	PAV 902.50 SR	

Electric Actuated Brass Ball Valves

2/2 Way Screwed Brass Ball Valves 220V AC

Size	Type	
1/2"	EAV 901.15 AC	
3/4"	EAV 901.20 AC	
1"	EAV 901.25 AC	
1 1/4"	EAV 901.32 AC	
1 1/2"	EAV 901.40 AC	
2"	EAV 901.50 AC	

2/2 Way Screwed Brass Ball Valves 24V DC

Size	Type	
1/2"	EAV 901.15 DC	
3/4"	EAV 901.20 DC	
1"	EAV 901.25 DC	
1 1/4"	EAV 901.32 DC	
1 1/2"	EAV 901.40 DC	
2"	EAV 901.50 DC	



3/2 Way Screwed Brass Ball Valves 220V AC

Size	Type	
1/2"	EAV 902.15 AC	
3/4"	EAV 902.20 AC	
1"	EAV 902.25 AC	
1 1/4"	EAV 902.32 AC	
1 1/2"	EAV 902.40 AC	
2"	EAV 902.50 AC	

3/2 Way Screwed Brass Ball Valves 24V DC

Size	Type	
1/2"	EAV 902.15 DC	
3/4"	EAV 902.20 DC	
1"	EAV 902.25 DC	
1 1/4"	EAV 902.32 DC	
1 1/2"	EAV 902.40 DC	
2"	EAV 902.50 DC	



Pneumatic Actuated Carbon Steel and Stainless Steel Ball Valves



Hand Lever Monoblock Carbon Steel Ball Valves

Size	Type	
DN15	TORK-KV 910.15	
DN20	TORK-KV 910.20	
DN25	TORK-KV 910.25	
DN32	TORK-KV 910.32	
DN40	TORK-KV 910.40	
DN50	TORK-KV 910.50	
DN65	TORK-KV 910.65	
DN80	TORK-KV 910.80	
DN100	TORK-KV 910.100	



Hand Lever Monoblock Stainless Steel Ball Valves
(AISI 316 Body)

Size	Type	
DN15	TORK-KV 909.15	
DN20	TORK-KV 909.20	
DN25	TORK-KV 909.25	
DN32	TORK-KV 909.32	
DN40	TORK-KV 909.40	
DN50	TORK-KV 909.50	
DN65	TORK-KV 909.65	
DN80	TORK-KV 909.80	
DN100	TORK-KV 909.100	



Double Acting Pneumatic Actuated
Monoblock Carbon Steel Ball Valves

Size	Type	
DN15	PAV 910.15 DA	
DN20	PAV 910.20 DA	
DN25	PAV 910.25 DA	
DN32	PAV 910.32 DA	
DN40	PAV 910.40 DA	
DN50	PAV 910.50 DA	
DN65	PAV 910.65 DA	
DN80	PAV 910.80 DA	
DN100	PAV 910.100 DA	



Includes standard connection part

Double Acting Pneumatic Actuated
Monoblock Stainless Steel Valves

Size	Type	
DN15	PAV 909.15 DA	
DN20	PAV 909.20 DA	
DN25	PAV 909.25 DA	
DN32	PAV 909.32 DA	
DN40	PAV 909.40 DA	
DN50	PAV 909.50 DA	
DN65	PAV 909.65 DA	
DN80	PAV 909.80 DA	
DN100	PAV 909.100 DA	

Single Acting Pneumatic Actuated
Monoblock Carbon Steel Ball Valve

Size	Type	
DN15	PAV 910.15 SR	
DN20	PAV 910.20 SR	
DN25	PAV 910.25 SR	
DN32	PAV 910.32 SR	
DN40	PAV 910.40 SR	
DN50	PAV 910.50 SR	
DN65	PAV 910.65 SR	
DN80	PAV 910.80 SR	
DN100	PAV 910.100 SR	

Single Acting Pneumatic Actuated
Monoblock Stainless Steel Ball Valves

Size	Type	
DN15	PAV 909.15 SR	
DN20	PAV 909.20 SR	
DN25	PAV 909.25 SR	
DN32	PAV 909.32 SR	
DN40	PAV 909.40 SR	
DN50	PAV 909.50 SR	
DN65	PAV 909.65 SR	
DN80	PAV 909.80 SR	
DN100	PAV 909.100 SR	

Electric Actuated Monoblock Carbon Steel and Double Flanged Ball Valves



Electric Actuated Monoblock Carbon Steel Ball Valve 220V AC

Size	Type	
DN15	EAV 910.15 AC	
DN20	EAV 910.20 AC	
DN25	EAV 910.25 AC	
DN32	EAV 910.32 AC	
DN40	EAV 910.40 AC	
DN50	EAV 910.50 AC	
DN65	EAV 910.65 AC	
DN80	EAV 910.80 AC	
DN100	EAV 910.100 AC	



Double Flanged Monoblock Stainless Steel Valves

Size	Type	
DN15	TORK-KV 909F.15	
DN20	TORK-KV 909F.20	
DN25	TORK-KV 909F.25	
DN32	TORK-KV 909F.32	
DN40	TORK-KV 909F.40	
DN50	TORK-KV 909F.50	
DN65	TORK-KV 909F.65	
DN80	TORK-KV 909F.80	
DN100	TORK-KV 909F.100	



Electric Actuated Monoblock Carbon Steel Ball Valve 24V DC

Size	Type	
DN15	EAV 910.15 AC	
DN20	EAV 910.20 AC	
DN25	EAV 910.25 AC	
DN32	EAV 910.32 AC	
DN40	EAV 910.40 AC	
DN50	EAV 910.50 AC	
DN65	EAV 910.65 AC	
DN80	EAV 910.80 AC	
DN100	EAV 910.100 AC	



Double Acting Pneumatic Actuated Double Flanged Monoblock Stainless Steel Ball Valves

Size	Type	
DN15	PAV 909F.15 DA	
DN20	PAV 909F.15 DA	
DN25	PAV 909F.15 DA	
DN32	PAV 909F.15 DA	
DN40	PAV 909F.15 DA	
DN50	PAV 909F.15 DA	
DN65	PAV 909F.15 DA	
DN80	PAV 909F.15 DA	
DN100	PAV 909F.15 DA	

Single Acting Pneumatic Actuated Double Flanged Monoblock Stainless Steel Ball Valves

Size	Type	
DN15	PAV 909F.15 SR	
DN20	PAV 909F.15 SR	
DN25	PAV 909F.15 SR	
DN32	PAV 909F.15 SR	
DN40	PAV 909F.15 SR	
DN50	PAV 909F.15 SR	
DN65	PAV 909F.15 SR	
DN80	PAV 909F.15 SR	
DN100	PAV 909F.15 SR	

Pneumatic Actuated Ductile and Cast Iron Natural Gas Ball Valves

TORK-KV 920F (DUCTILE IRON)
TORK-KV 921F (CAST IRON)

Hand Lever Natural Gas Valves

Size **Type**

DN15	TORK-KV 920F.15		
DN20	TORK-KV 920F.20		
DN25	TORK-KV 920F.25		
DN32	TORK-KV 920F.32		
DN40	TORK-KV 920F.40		
DN50	TORK-KV 920F.50		
DN65	TORK-KV 920F.65		
DN80	TORK-KV 920F.80		
DN100	TORK-KV 920F.100		



PAV 920F DA (DUCTILE IRON)
PAV 921F DA (CAST IRON)

Double Acting Pneumatic Actuated Valves

Size **Type**

DN15	PAV 920F.15 DA		
DN20	PAV 920F.20 DA		
DN25	PAV 920F.25 DA		
DN32	PAV 920F.32 DA		
DN40	PAV 920F.40 DA		
DN50	PAV 920F.50 DA		
DN65	PAV 920F.65 DA		
DN80	PAV 920F.80 DA		
DN100	PAV 920F.100 DA		



PAV 920F SR (DUCTILE IRON)
PAV 921F SR (CAST IRON)

Single Acting Pneumatic Actuated Valves

Size **Type**

DN15	PAV 920F.15 SR		
DN20	PAV 920F.20 SR		
DN25	PAV 920F.25 SR		
DN32	PAV 920F.32 SR		
DN40	PAV 920F.40 SR		
DN50	PAV 920F.50 SR		
DN65	PAV 920F.65 SR		
DN80	PAV 920F.80 SR		
DN100	PAV 920F.100 SR		



Pneumatic Actuated Carbon Steel Ball Valves

TORK-KV 907F (CARBON STEEL)
TORK-KV 912F (NATURAL GAS CARBON STEEL)

Hand Lever Natural Gas Valves

Size	Type	
DN15	TORK-KV 907F.15	
DN20	TORK-KV 907F.20	
DN25	TORK-KV 907F.25	
DN32	TORK-KV 907F.32	
DN40	TORK-KV 907F.40	
DN50	TORK-KV 907F.50	
DN65	TORK-KV 907F.65	
DN80	TORK-KV 907F.80	
DN100	TORK-KV 907F.100	



PAV 907F DA (CARBON STEEL)
PAV 912F DA (NATURAL GAS CARBON STEEL)

Double Acting Pneumatic Actuated Valves

Size	Type	
DN15	PAV 907F.15 DA	
DN20	PAV 907F.20 DA	
DN25	PAV 907F.25 DA	
DN32	PAV 907F.32 DA	
DN40	PAV 907F.40 DA	
DN50	PAV 907F.50 DA	
DN65	PAV 907F.65 DA	
DN80	PAV 907F.80 DA	
DN100	PAV 907F.100 DA	

Single Acting Pneumatic Actuated Valves

Size	Type	
DN15	PAV 907F.15 SR	
DN20	PAV 907F.20 SR	
DN25	PAV 907F.25 SR	
DN32	PAV 907F.32 SR	
DN40	PAV 907F.40 SR	
DN50	PAV 907F.50 SR	
DN65	PAV 907F.65 SR	
DN80	PAV 907F.80 SR	
DN100	PAV 907F.100 SR	



Electric Actuated Carbon Steel / Natural Gas Ball Valves



EAV 920F (DUCTILE IRON)
EAV 921F (CAST IRON)



EAV 907F (CARBON STEEL)
EAV 912F (NATURAL GAS CARBON STEEL)

Electric Actuated Carbon Steel Ball Valves 220V AC

Size	Type		Type		Type	
		EAV 907 / 912F		EAV 920F		EAV 921F
DN15	EAV 907F/912F.15 AC		EAV 920F.15 AC		EAV 921F.15 AC	
DN20	EAV 907F/912F.20 AC		EAV 920F.20 AC		EAV 921F.20 AC	
DN25	EAV 907F/912F.25 AC		EAV 920F.25 AC		EAV 921F.25 AC	
DN32	EAV 907F/912F.32 AC		EAV 920F.32 AC		EAV 921F.32 AC	
DN40	EAV 907F/912F.40 AC		EAV 920F.40 AC		EAV 921F.40 AC	
DN50	EAV 907F/912F.50 AC		EAV 920F.50 AC		EAV 921F.50 AC	
DN65	EAV 907F/912F.65 AC		EAV 920F.65 AC		EAV 921F.65 AC	
DN80	EAV 907F/912F.80 AC		EAV 920F.80 AC		EAV 921F.80 AC	
DN100	EAV 907F/912F.100 AC		EAV 920F.100 AC		EAV 921F.100 AC	

Linear Electric Actuators



Sample of application for Tork-Lineer Electric motor with 2/2 Way Hot Oil and Steam Valve



Sample of application for Tork-Lineer Electric motor with 3/2 Way Hot Oil and Steam Valve

Linear Electric Actuators

Model	Shaft Speed(mm/sec) 50/60 Hz	Force kN	Number of Hand Rotation	Stroke	220V AC-On/Off	380V AC-On/Off	(4-20 mA) 220V AC- Proportional
LEA 50	0.44/0.53	5 kN	227	60			
LEA 70	0.44/0.53	7 kN	227	60			
LEA 100	0.69/0.82	10 kN	184	70			
LEA 120	0.69/0.82	12 kN	184	70			
LEA 150	0.69/0.82	15 kN	210	80			
LEA 180	0.69/0.83	18 kN	260	100			
LEA 200	0.69/0.83	20 kN	260	100			
LEA 250	0.69/0.83	25 kN	260	100			

Linear Electric Actuator Accessories

Model	Description	
EXA	Exproof Body (Exd IIBT4). Zone 1, Zone 2	
WTA	Waterproof Body (IP 68 10m 72 Hours)	
PIU	Potentiometer Unit 0-1 KOhm	
CPT	Current Position Transmitter (4-20 mA Output)	
PCU	Proportional Control Unit (4-20 mA Or 0-10V Input / Output)	
IMS	Magnetic Starter (110/220VAC 1ph (Phase), 50/60Hz %10 Tolerance)	
LCU-B	Local / Remote Control Unit	
LCU-C	Integral Control Unit (LCU+ IMS+ Automatic Phase Adjustment)	
RBP	Rechargeable Battery Support (Shut Down on Emergency)	
MSB	Mounting Support & Sliding Bar	

Linear Pneumatic Actuator

Model	Force kN	Stroke	
LA 060 DA 50	1500	50	
LA 080 DA 80	2700	80	
LA 100 DA 80	4200	100	
LA 125 DA 125	6100	125	



Application of Linear Pneumatic Actuator with Knife Gate Valve



POWER OF ELECTRIC AGAINST FLUID

With **TORK**, Electric Actuator, the electric power is transferred into mechanical power to provide successful&safe fluid control.



APPLICATION AREAS



WATER



AIR



STEAM



GAS



CHEMICAL



TEXTILE



NUTRIENT
VACUUM

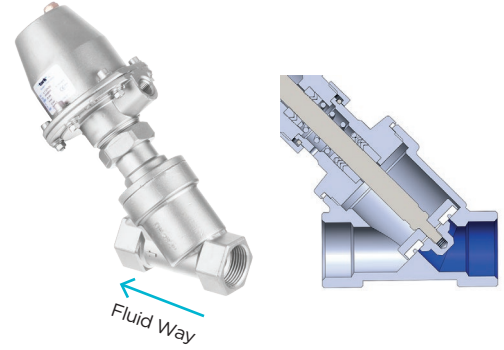
PNEUMATIC PISTON VALVES

Water Hammer Series PP 1020 (TORK-PVS) SERIES

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PPI020.03	-1.16
3/4"	PPI020.04	-1.12
1"	PPI020.05	-1.8
1 1/4"	PPI020.06	-1.12
1 1/2"	PPI020.07	-1.8
2"	PPI020.08	-1.6

Working Pressure: -20 / +180 °C

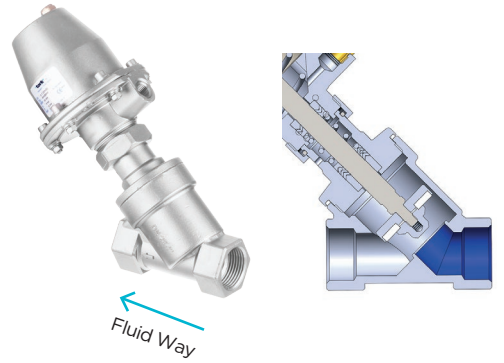


Water Hammer Series PP 1021 (TORK-PVS.A) SERIES

2/2 Way Normally Open Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PPI021.03	-1.10
3/4"	PPI021.04	-1.10
1"	PPI021.05	-1.8
1 1/4"	PPI021.06	-1.8
1 1/2"	PPI021.07	-1.6
2"	PPI021.08	-1.6

Working Pressure: -10 / +180 °C

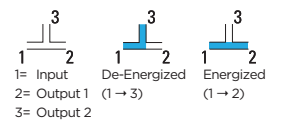
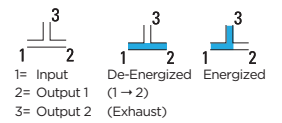


Water Hammer Series PP 1025 SERIES

3/2 Way Normally Closed

Size	Model	Pressure (Bar)
1/2"	PPI025.03	-1.16
3/4"	PPI025.04	-1.16

Working Pressure: -10 / +180 °C



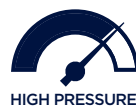
Water Hammer Series PP 1026 SERIES

3/2 Way Normally Open

Size	Model	Pressure (Bar)
1/2"	PPI026.03	-1.16
3/4"	PPI026.04	-1.16

Working Pressure: -10 / +180 °C

Pneumatic Piston (Globe) Valves

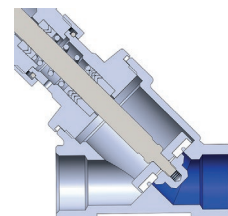


Water Hammer Series PP1070 SERIES

2/2 Way Normally Closed High Pressure Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1070.03	-1..40
3/4"	PP1070.04	-1..30
1"	PP1070.05	-1..20

Working Pressure: -10 / +180 °C

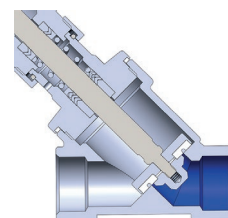
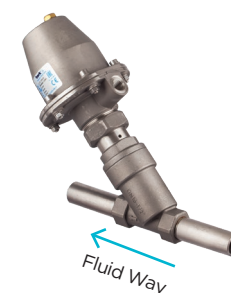


Water Hammer Series PP 1040 (TORK-PVW) SERIES

2/2 Way Normally Closed Welding Connection

Size	Model	Pressure (Bar)
1/2"	PP1040.03	-1..16
3/4"	PP1040.04	-1..12
1"	PP1040.05	-1..8
1 1/4"	PP1040.06	-1..12
1 1/2"	PP1040.07	-1..8
2"	PP1040.08	-1..6

Working Pressure: -10 / +180 °C

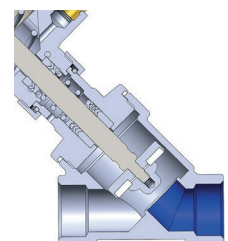
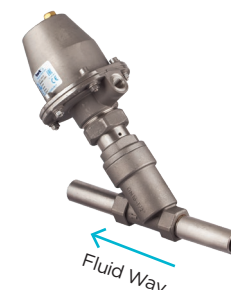


Water Hammer Series PP 1041 (TORK-PVW.A) SERIES

2/2 Way Normally Open Welding Connection

Size	Model	Pressure (Bar)
1/2"	PP1041.03	-1..10
3/4"	PP1041.04	-1..10
1"	PP1041.05	-1..8
1 1/4"	PP1041.06	-1..8
1 1/2"	PP1041.07	-1..6
2"	PP1041.08	-1..6

Working Pressure: -10 / +180 °C

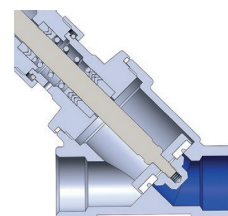


Water Hammer Series PP 1060 (TORK-PVF) SERIES

2/2 Way Normally Closed Flanged Connection

Size	Model	Pressure (Bar)
1/2"	PP1060.03	-1..16
3/4"	PP1060.04	-1..12
1"	PP1060.05	-1..8
1 1/4"	PP1060.06	-1..12
1 1/2"	PP1060.07	-1..8
2"	PP1060.08	-1..6

Working Pressure: -10 / +180 °C

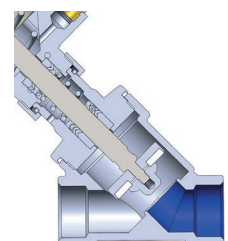


Water Hammer Series PP 1061 (TORK-PVF.A) SERIES

2/2 Way Normally Open Flanged Connection

Size	Model	Pressure (Bar)
1/2"	PP1061.03	-1..10
3/4"	PP1061.04	-1..10
1"	PP1061.05	-1..8
1 1/4"	PP1061.06	-1..8
1 1/2"	PP1061.07	-1..6
2"	PP1061.08	-1..6

Working Pressure: -10 / +180 °C



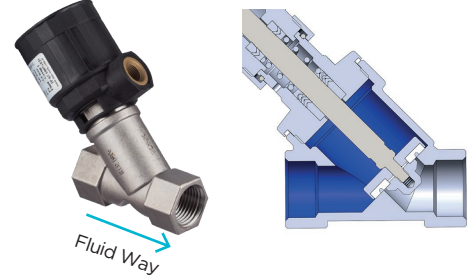
* Water and other liquid fluid applications can create water hammer

PP1030 SERIES (MINI PISTON VALVE) (-10°C...110°C)

2/ Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
3/8"	PP1030.02	-1.16
1/2"	PP1030.03	-1.16

Working Pressure: -10 / +110 °C

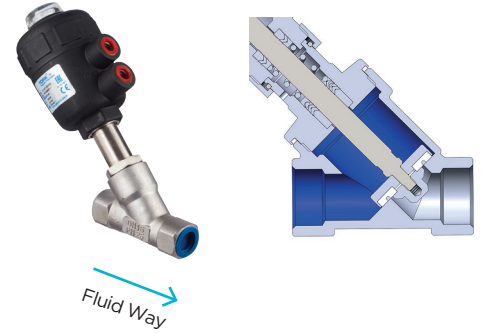


PP1090 (TORK-PVP) SERIES

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1090.03	-1.16
3/4"	PP1090.04	-1.16
1"	PP1090.05	-1.16
1 1/4"	PP1090.06	-1.16
1 1/2"	PP1090.07	-1.16
2"	PP1090.08	-1.16

Working Pressure: -20 / +180 °C

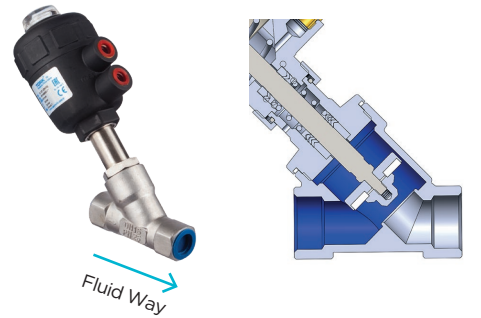


PP1091 (TORK-PVP.A) SERIES

2/2 Way Normally Open Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1091.03	-1.16
3/4"	PP1091.04	-1.16
1"	PP1091.05	-1.16
1 1/4"	PP1091.06	-1.16
1 1/2"	PP1091.07	-1.16
2"	PP1091.08	-1.16

Working Pressure: -10 / +180 °C

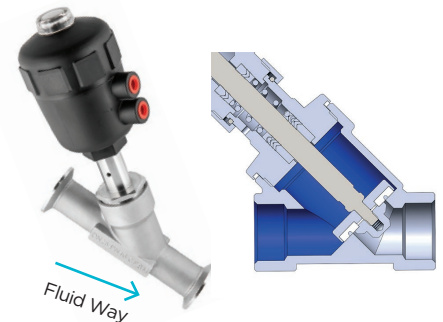


Hygienic Connected Pneumatic Piston Valve PP1090 (TORK-PVP) SERIES

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1090.03 - HJ	-1.16
3/4"	PP1090.04 - HJ	-1.16
1"	PP1090.05 - HJ	-1.16
1 1/4"	PP1090.06 - HJ	-1.16
1 1/2"	PP1090.07 - HJ	-1.16
2"	PP1090.08 - HJ	-1.16

Working Pressure: -20 / +180 °C



Pneumatic Piston (Globe) Valves



* Water and other liquid fluid applications can create water hammer

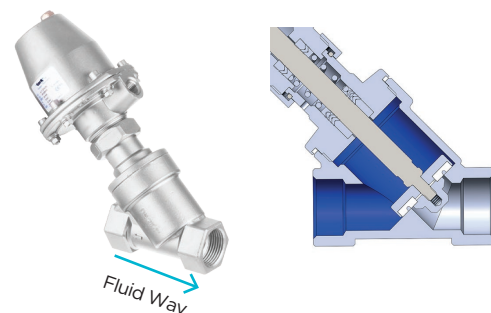
Gas and Steam Series

PP1120 SERIES

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1120.03	-1..16
3/4"	PP1120.04	-1..16
1"	PP1120.05	-1..16
1 1/4"	PP1120.06	-1..16
1 1/2"	PP1120.07	-1..16
2"	PP1120.08	-1..16

Working Pressure: -10 / +180 °C



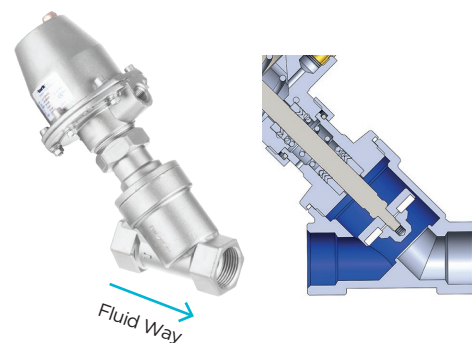
Gas and Steam Series

PP1121 SERIES

2/2 Way Normally Open Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1121.03	-1..12
3/4"	PP1121.04	-1..12
1"	PP1121.05	-1..6

Working Pressure: -10 / +180 °C

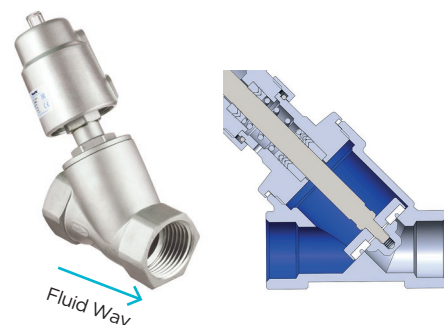


PP1050 SERIES

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP1050.03	-1..16
3/4"	PP1050.04	-1..16
1"	PP1050.05	-1..16
1 1/4"	PP1050.06	-1..16
1 1/2"	PP1050.07	-1..16
2"	PP1050.08	-1..16

Working Pressure: -20 / +180 °C



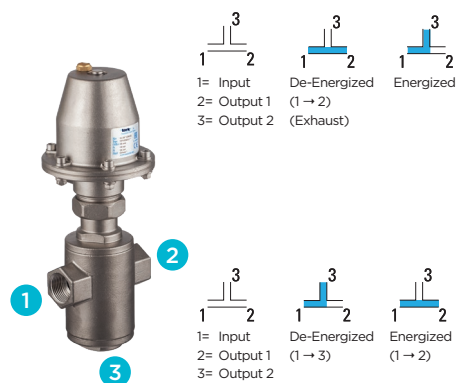
Gas and Steam Series

PP1125 SERIES

3/2 Way Normally Closed

Size	Model	Pressure (Bar)
1/2"	PP1125.03	-1..10
3/4"	PP1125.04	-1..10

Working Pressure: -10 / +180 °C



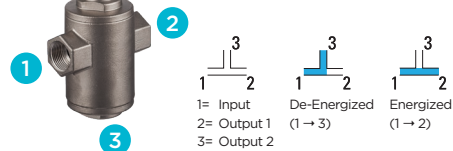
Gas and Steam Series

PP1126 SERIES

3/2 Way Normally Open

Size	Model	Pressure (Bar)
1/2"	PP1126.03	-1..10
3/4"	PP1126.04	-1..10

Working Pressure: -10 / +180 °C



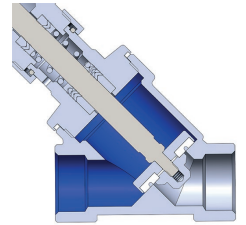
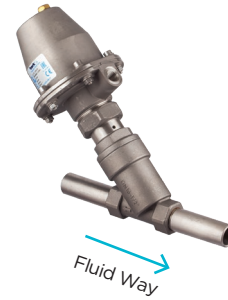
* Water and other liquid fluid applications can create water hammer

Gas and Steam Series

PP1140 SERIES

2/2 Way Normally Open Welding Connection

Size	Model	Pressure (Bar)
1/2"	PP1140.03	-1.16
3/4"	PP1140.04	-1.16
1"	PP1140.05	-1.16
1 1/4"	PP1140.06	-1.16
1 1/2"	PP1140.07	-1.16
2"	PP1140.08	-1.16



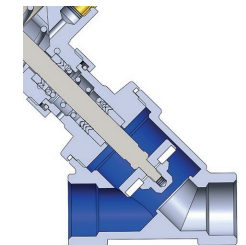
Gas and Steam Series

PP1141 SERIES

2/2 Way Normally Open Welding Connection

Size	Model	Pressure (Bar)
1/2"	PP1141.03	-1.16
3/4"	PP1141.04	-1.16
1"	PP1141.05	-1.16

Working Pressure: -10 / +180 °C



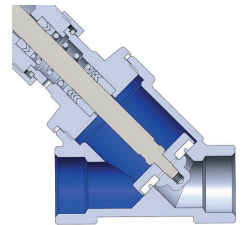
Gas and Steam Series

PP1130 SERIES (MINI PISTON VALVE) (-10°C...110°C)

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
3/8"	PP1130.02	-1.16
1/2"	PP1130.03	-1.16

Working Pressure: -10 / +180 °C



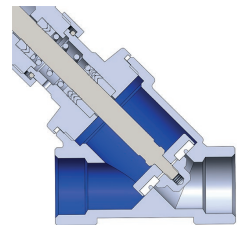
Gas and Steam Series

PP1160 SERIES

2/2 Way Normally Closed Flanged Connection

Size	Model	Pressure (Bar)
1/2"	PP1160.03	-1.16
3/4"	PP1160.04	-1.16
1"	PP1160.05	-1.16
1 1/4"	PP1160.06	-1.16
1 1/2"	PP1160.07	-1.16
2"	PP1160.08	-1.16

Working Pressure: -10 / +180 °C



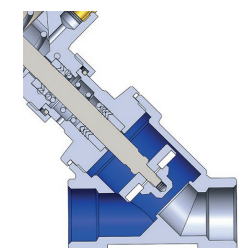
Gas and Steam Series

PP1161 SERIES

2/2 Way Normally Open Flanged Connection

Size	Model	Pressure (Bar)
1/2"	PP1161.03	-1.12
3/4"	PP1161.04	-1.12
1"	PP1161.05	-1.6

Working Pressure: -10 / +180 °C



Pneumatic Piston (Globe) Valves



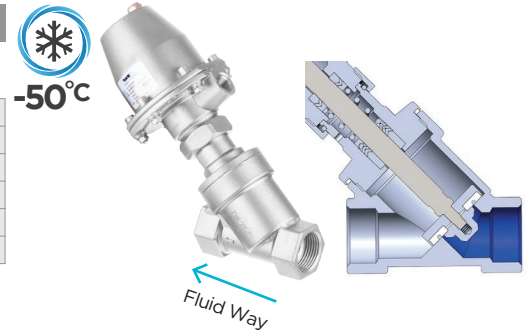
* Water and other liquid fluid applications can create water hammer

Cold Ambient (-50°C) Pneumatic Piston Valves

PP2020 SERIES

2/2 Way Normally Closed Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP2020.03	-1.16
3/4"	PP2020.04	-1.12
1"	PP2020.05	-1.8
1 1/4"	PP2020.06	-1.12
1 1/2"	PP2020.07	-1.8
2"	PP2020.08	-1.6

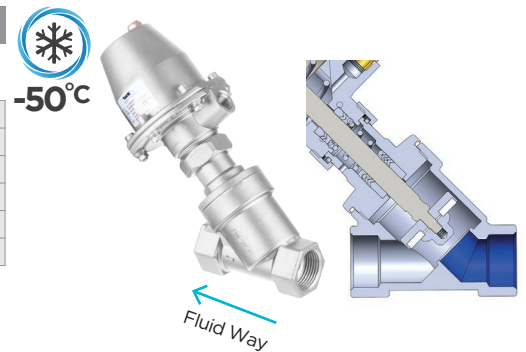


Cold Ambient (-50°C) Pneumatic Piston Valves

PP2021 SERIES

2/2 Way Normally Open Screwed Connection

Size	Model	Pressure (Bar)
1/2"	PP2021.03	-1.16
3/4"	PP2021.04	-1.16
1"	PP2021.05	-1.16
1 1/4"	PP2021.06	-1.16
1 1/2"	PP2021.07	-1.16
2"	PP2021.08	-1.16

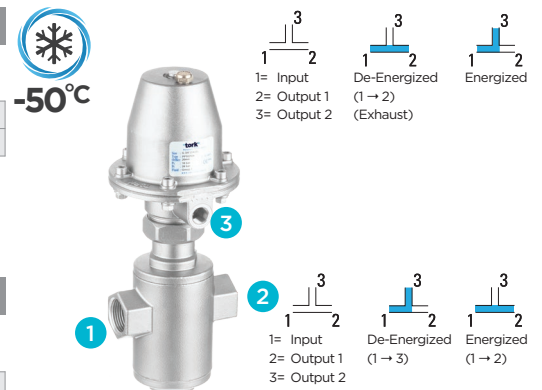


Cold Ambient (-50°C) Pneumatic Piston Valves

PP2025 SERIES

3/2 Way Normally Closed

Size	Model	Pressure (Bar)
1/2"	PP2025.03	-1.16
3/4"	PP2025.04	-1.16

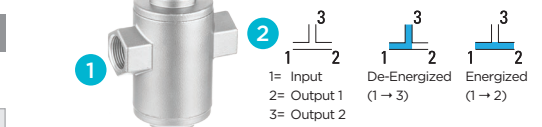


Cold Ambient (-50°C) Pneumatic Piston Valves

PP2026 SERIES

3/2 Way Normally Open

Size	Model	Pressure (Bar)
1/2"	PP2026.03	-1.16
3/4"	PP2026.04	-1.16

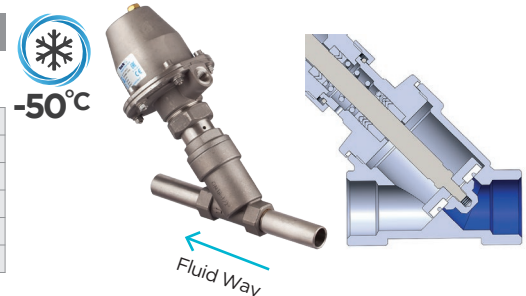


Cold Ambient (-50°C) Pneumatic Piston Valves

PP2040 SERIES

2/2 Way Normally Closed Welding Connection

Size	Model	Pressure (Bar)
1/2"	PP2040.03	-1.16
3/4"	PP2040.04	-1.12
1"	PP2040.05	-1.8
1 1/4"	PP2040.06	-1.12
1 1/2"	PP2040.07	-1.8
2"	PP2040.08	-1.6



Pneumatic Piston (Globe) Valves



WATER

AIR

GAS

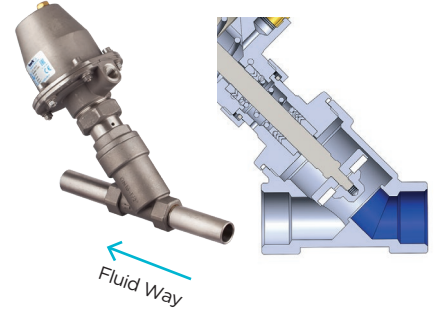
STEAM

Cold Ambient (-50°C) Pneumatic Piston Valves

PP2041 SERIES

2/2 Way Normally Open Welding Connection

Size	Model	Pressure (Bar)	
1/2"	PP2041.03	-1.10	
3/4"	PP2041.04	-1.10	
1"	PP2041.05	-1.8	
1 1/4"	PP2041.06	-1.8	
1 1/2"	PP2041.07	-1.6	
2"	PP2041.08	-1.6	

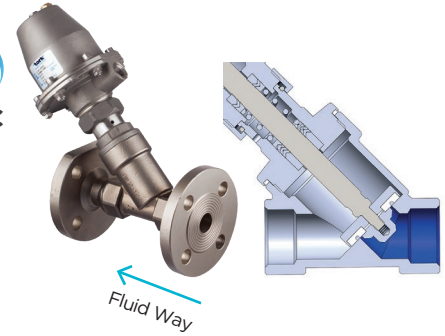


Cold Ambient (-50°C) Pneumatic Piston Valves

PP2060 SERIES

2/2 Way Normally Closed Flanged Connection

Size	Model	Pressure (Bar)	
1/2"	PP2060.03	-1.16	
3/4"	PP2060.04	-1.12	
1"	PP2060.05	-1.8	
1 1/4"	PP2060.06	-1.12	
1 1/2"	PP2060.07	-1.8	
2"	PP2060.08	-1.6	

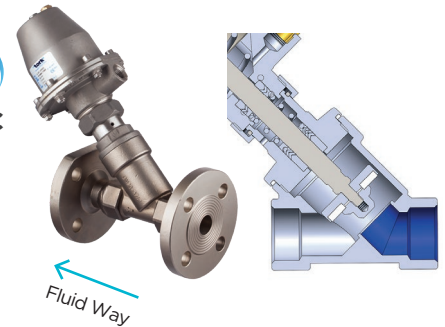


Cold Ambient (-50°C) Pneumatic Piston Valves

PP2061 SERIES

2/2 Way Normally Open Flanged Connection

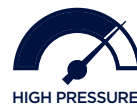
Size	Model	Pressure (Bar)	
1/2"	PP2061.03	-1.10	
3/4"	PP2061.04	-1.10	
1"	PP2061.05	-1.8	
1 1/4"	PP2061.06	-1.8	
1 1/2"	PP2061.07	-1.6	
2"	PP2061.08	-1.6	



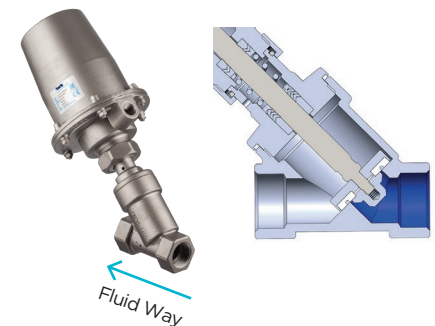
Cold Ambient (-50°C) Pneumatic Piston Valves

PP2070 SERIES

2/2 Way Normally Closed High Pressure Screwed Connection



Size	Model	Pressure (Bar)	
1/2"	PP2070.03	-1.40	
3/4"	PP2070.04	-1.30	
1"	PP2070.05	-1.20	



Pneumatic Piston (Globe) Valves Accessories



PPL80 SERIES Linear Positioners Proportional Control Normally Closed (Valve with Special Orifice)

2/2 Way Normally Closed Screwed Connection

Model	Input Signal	Working Pressure
PP1080	4-20 mA	4-8



Proportional Control Box
Type: PP 1080

Limit Switch Box for Pneumatic Piston Valve

On-Off Control

Model	Description
1P	1 piece proximity switch
2P	2 pieces proximity switch
1Ex	1 piece exproof proximity switch
2Ex	2 pieces exproof proximity switch



Limit Switch Box
Type: 1M

Type: 1P

S1015 (TORK-G.3W) Solenoid Valve (NC) 3/2 Way

On-Off Control

Size	Model	Orifice (mm)	Pressure (Bar)
1/8"	S1015.00.018	1,8	0-6
1/8"	S1015.00.025	2,5	0-2
1/4"	S1015.01.018	1,8	0-6
1/4"	S1015.01.025	2,5	0-2



For on-off control,
pneumatic angle seat
piston globe valve

Electric Motorised Piston Globe Valve (AISI 316 body)

Seal: PTFE / -10°C .. 180°C

Size	Model	Temperature °C	Pressure (Bar)
1/2"	EP 1020-03	-10 °C.. 180 °C	0-16
3/4"	EP 1020-04	-10 °C.. 180 °C	0-16
1"	EP 1020-05	-10 °C.. 180 °C	0-16
1 1/4"	EP 1020-06	-10 °C.. 180 °C	0-16
1 1/2"	EP 1020-07	-10 °C.. 180 °C	0-16
2"	EP 1020-08	-10 °C.. 180 °C	0-12



EP
Electric motorised piston
angle seat globe valve

-tork-
valve & automation



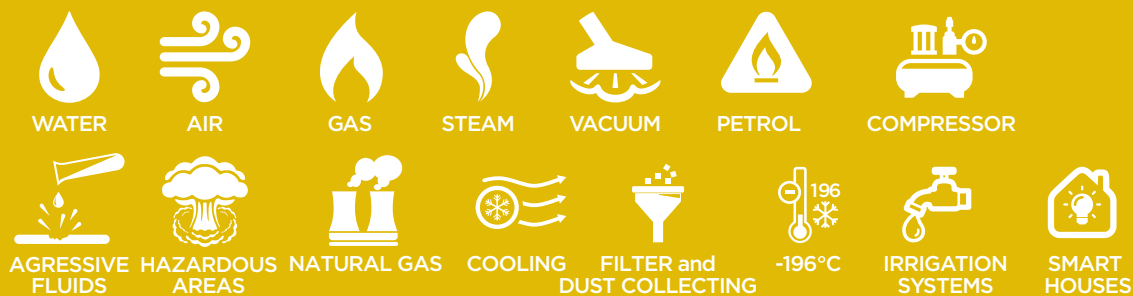
WITH OUR TEAM OF EXPERTS IN THE FIELD ALL YOUR NEEDS FIND RESPONSE.

For SMS TORK, to be the leader of fluid sector means; to have an expert team who is responsible for domestic & foreign customers supplying up to date technology & products.

Pressure Conversions	Temperature Conversions
1 bar = 14.5 PSI	°F to °C : $(F-32) \times 5/9$
1 PSI = 0.0689 bar	°C to °F : $(C \times 9/5) + 32$
1KPa = 0.01 bar	Kelvin (K) to °C : $K-273.15 = ^\circ C$



APPLICATION



SOLENOID VALVE

In all your orders for solenoid valves, please specify coil voltages.

S10 Series General Purpose Solenoid Valves



S10 SERIES GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S1010 (TORK -GP) STANDARD HEAVY DUTY SERIES

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C .. 80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1010.00.018	1.8	0-16
1/8"	S1010.00.025	2.5	0-12
1/8"	S1010.00.040	4	0-9
1/4"	S1010.01.018	1.8	0-16
1/4"	S1010.01.025	2.5	0-12
1/4"	S1010.01.030	3	0-10
1/4"	S1010.01.040	4	0-9
1/4"	S1010.01.050	5	0-7
1/4"	S1010.01.060	6	0-5
3/8"	S1010.02.125	12.5	0.5-16
1/2"	S1010.03.145	14.5	0.5-16
3/4"	S1010.04.017	17	0.5-16
1"	S1010.05.017	17	0.5-16
1 1/4"	S1010.06.030	30	0.5-12
1 1/2"	S1010.07.039	39	0.5-12
2"	S1010.08.046	46	0.5-12



S1010
(GP, 1/8 ..1/4")



S1010
(3/8 ..2")



Size	Model No	Orifice (mm)	Pressure (Bar)
DN 25	S1010.05.170.N-F	17	0.5-16
DN 32	S1010.06.460.N-F	30	0.5-12
DN 40	S1010.07.460.N-F	39	0.5-12
DN 50	S1010.08.460.N-F	46	0.5-12

Our general purpose solenoid valves are available with flange options.

S10 SERIES GENERAL PURPOSE SOLENOID VALVES (2/2 WAY- NORMALLY CLOSED)

S1073 / S1040 (TORK - GT) SERIES - ECONOMIC SERIES

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C .. 80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1073.00.018	1.8	0-16
1/8"	S1073.00.025	2.5	0-12
1/8"	S1073.00.030	3	0-10
1/4"	S1073.01.018	1.8	0-16
1/4"	S1073.01.025	2.5	0-12
1/4"	S1073.01.030	3	0-10
3/8"	S1073.02.030	3	0-10
3/8"	S1073.02.040	4	0-9
3/8"	S1073.02.050	5	0-7
1/2"	S1073.03.030	3	0-10
1/2"	S1073.03.040	4	0-9
1/2"	S1073.03.050	5	0-7
3/8"	S1040.02 (GTD)	12.5	0.35-16
1/2"	S1040.03 (GTD)	12.5	0.35-16
3/4"	S1040.04 (GTD)	15	0.35-16

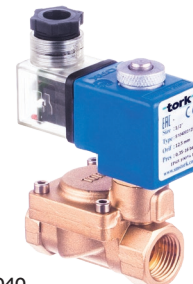
Note : In S1073 series tube is brass. In S1040 series tube is stainless.



S1073
(GT, 3/8" ..1/2")



S1073
(GT, 1/8" ..1/4")



S1040
(GTD, 3/8" ... 3/4")

PROPORTIONAL SOLENOID VALVE

APPLICATIONS



TORK SP SERIES PROPORTIONAL SOLENOID VALVES

Body : Brass / Tube: Stainless

Diaphragm: NBR / -10°C .. 80°C

Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SP1010.00.018	1.8	0-16
1/4"	SP1010.01.018	1.8	0-16

NOTE: Diaphragm solenoid valves can also be applied servo assist types.
Direct operated solenoid valves can be applied all series.

S10 Series General Purpose Solenoid Valves



S10 SERIES GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY CLOSED) (LARGE ORIFICE)

S1030 / S1080 (TORK-GL / GLF / GLH) SERIES - FULL BORE

Body : Brass / Tube : Stainless

Diaphragm: NBR / -10°C.. 80°C

Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1030.02	12.5	0.35-16
1/2"	S1030.03	12.5	0.35-16
3/4"	S1030.04	20	0.5-16
1"	S1030.05	25	0.5-16
1 1/4"	S1030.06	30	0.5-12
1 1/2"	S1030.07	39	0.5-12
2"	S1030.08	46	0.5-12
2 1/2"	S1030.09	72.8	1-6
3"	S1030.10	85.4	1-6
2 1/2"	S1033.09 (GLH)	72.8	1.5-16
3"	S1033.10 (GLH)	85.4	1.5-16
DN 80	S1070.10 (GLF)	80	1-6
DN 100	S1070.12 (GLF)	100	1-6
DN 150	S1070.18 (GLF)	150	1-6
DN 200	S1070.20 (GLF)	200	1-6
DN 80	S1080.10 (GLFH)	80	1.5-16
DN 100	S1080.12 (GLFH)	100	1.5-16
DN 150	S1080.18 (GLFH)	150	1.5-16
DN 200	S1080.20 (GLFH)	200	1.5-16



GENERAL PURPOSE SOLENOID VALVES (BLOCK BODY) (2/2 WAY NORMALLY CLOSED)

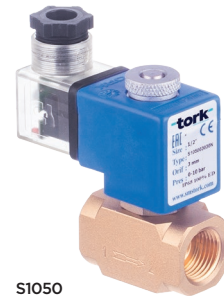
S1050 / S1051 (TORK-GD / GDN) SERIES

Body : Brass / Tube : Stainless

Diaphragm: NBR / -10°C..80°C

Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1050.02.050	5	0-7
3/8"	S1050.02.060	6	0-6
3/8"	S1050.02.070	7	0-5
1/2"	S1050.03.050	5	0-7
1/2"	S1050.03.060	6	0-6
1/2"	S1050.03.070	7	0-5
1/2"	S1050.03.090	9	0-2
1/2"	S1050.03.100	10	0-1
3/4"	S1050.04.030	3	0-10
3/4"	S1050.04.070	7	0-5
3/4"	S1050.04.090	9	0-2
1"	S1050.05.030	3	0-10
1"	S1050.05.050	5	0-7
1/2"	S1051.03.025 (NO)	2.5	0-10



ENERGY SAVING SOLENOID VALVE

APPLICATIONS



**SE10 SERIES ENERGY SAVING SOLENOID VALVES
(2/2 WAY NORMALLY CLOSED)**

TORK SE SERIES ENERGY SAVING SOLENOID VALVES

Body	: Brass / Tube: Stainless
Diaphragm	: NBR / -10°C .. 80°C
Fluid	: Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SE1010.00.018	1.8	0-16	
1/8"	SE1010.00.025	2.5	0-12	
1/8"	SE1010.00.040	4	0-9	
1/4"	SE1010.01.018	1.8	0-16	
1/4"	SE1010.01.025	2.5	0-12	
1/4"	SE1010.01.030	3	0-10	
1/4"	SE1010.01.040	4	0-9	
1/4"	SE1010.01.050	5	0-7	
1/4"	SE1010.01.060	6	0-5	
3/8"	SE1010.02	12.5	0.5-16	
1/2"	SE1010.03	14.5	0.5-16	
3/4"	SE1010.04	17	0.5-16	
1"	SE1010.05	17	0.5-16	
1 1/4"	SE1010.06	30	0.5-12	
1 1/2"	SE1010.07	39	0.5-12	
2"	SE1010.08	46	0.5-12	

S10 Series General Purpose Solenoid Valves



GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S1060 (TORK-MI) SERIES

Body : Brass / Tube : Stainless
Diaphragm: Viton / -10°C..140°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1060.00.018	1.8	0-16
1/4"	S1060.01.018	1.8	0-16
3/8"	S1060.02.012	12	0.35-12
1/2"	S1060.03.012	12	0.35-12
3/4"	S1060.04.015	15	0.35-12

S1060
(1/8 ..1/4")



S1060
(3/8 ..1")

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S1020 (TORK-GZ) SERIES

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C..80°C (input pressure min 150 mBar)
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1020.02	12.5	150 mbar-16 bar
1/2"	S1020.03	14.5	150 mbar-16 bar
3/4"	S1020.04	17	150 mbar-16 bar
1"	S1020.05	17	150 mbar-16 bar
3/4"	S1092.04	20	150 mbar-16 bar
1"	S1092.05	25	150 mbar-16 bar

S1020



S1092

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S1013 (TORK-GH) SERIES - HIGH PRESSURE

Body : Brass / Tube : Stainless
Diaphragm: Viton+ Teflon / -10°C..160°C
Fluid : For liquids.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1013.00.010	1	0-100
1/8"	S1013.00.018	1.8	0-50
1/8"	S1013.00.025	2.5	0-20
1/4"	S1013.01.010	1	0-100
1/4"	S1013.01.018	1.8	0-50
1/4"	S1013.01.025	2.5	0-20
3/8"	S1013.02	12.5	0.5-40
1/2"	S1013.03	14.5	0.5-40
3/4"	S1013.04	17	0.5-40
1"	S1013.05	17	0.5-40

S1013
(1/8 ..1/4")



S1013
(3/8 ..2")

IP68 WATER PROOF SOLENOID VALVE

APPLICATIONS



Preferable for aggressive environments and underwater applications.

SW10 SERIES WATER PROOF SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

TORK SW SERIES - WATER PROOF SOLENOID VALVES (IP68)

Body : Brass (PTFE coated) / Tube: Stainless (PTFE Coated)
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SW1010.00.018	1.8	0-16	
1/4"	SW1010.01.018	1.8	0-16	
3/8"	SW1010.02	12.5	0.5-16	
1/2"	SW1010.03	14.5	0.5-16	
3/4"	SW1010.04	17	0.5-16	
1"	SW1010.05	17	0.5-16	
1 1/4"	SW1010.06	30	0.5-12	
1 1/2"	SW1010.07	39	0.5-12	
2"	SW1010.08	46	0.5-12	

* Note: It can work 75 hours at under 10 meters.

* Coating fees vary by quantity.

S10 Series General Purpose Solenoid Valves (Piston Type Series)



GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S1070 (TORK-GH1) SERIES

Body : Brass / Tube : Stainless

Diaphragm: NBR / -10°C..80°C

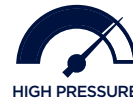
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1070.02	12.5	0.5-40
1/2"	S1070.03	14.5	0.5-40
3/4"	S1070.04	17	0.5-40
1"	S1070.05	17	0.5-40



S1070
(3/8" ..1")
40 bar

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S9183 (TORK-PSV) SERIES - HIGH PRESSURE PISTON TYPE

Body : Brass / Tube: Stainless

Diaphragm: Teflon + NBR / Teflon + FKM

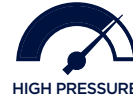
Fluid : Air,Water,Gas / -10°C..80°C

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S9183.00	12.5	2-70
1/4"	S9183.01	12.5	2-70
3/8"	S9183.02	12.5	2-70
1/2"	S9183.03	14.5	2-70
3/4"	S9183.04	17	2-70
1"	S9183.05	17	2-70



S9183 N.O.
PISTON TYPE
2-70 Bar

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



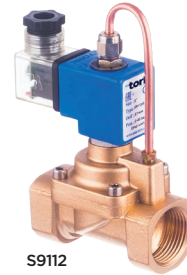
S9112 (TORK-PSV.A) SERIES - HIGH PRESSURE PISTON TYPE

Body : Brass / Tube: Stainless

Diaphragm: Teflon + NBR / Teflon + FKM

Fluid : Air,Water,Gas / -10°C..80°C

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S9112.00	12.5	2-65
1/4"	S9112.01	12.5	2-65
3/8"	S9112.02	12.5	2-65
1/2"	S9112.03	14.5	2-65
3/4"	S9112.04	17	2-65
1"	S9112.05	17	2-65



S9112
2-65 Bar

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

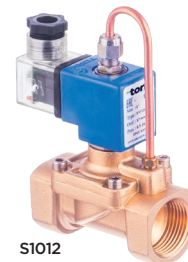
S1012 (TORK-GPA) SERIES - STANDARD HEAVY DUTY SERIES

Body : Brass / Tube: Stainless

Diaphragm: NBR / -10°C..80°C

Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1012.02	12.5	0.5-16
1/2"	S1012.03	14.5	0.5-16
3/4"	S1012.04	17	0.5-16
1"	S1012.05	17	0.5-16
1 1/4"	S1012.06	30	0.5-12
1 1/2"	S1012.07	39	0.5-12
2"	S1012.08	46	0.5-12



S1012
N.O.



S1012
N.O.

S10 Series General Purpose Solenoid Valves (Piston Type Series)

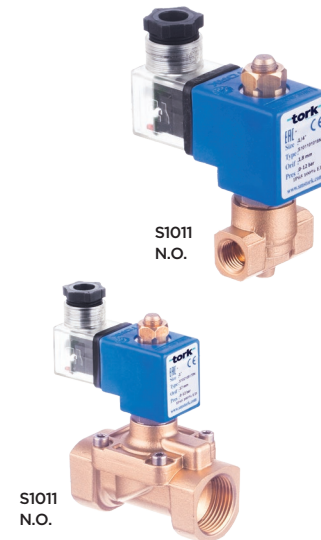


GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S1011 (TORK-GN) SERIES - TUBELESS TYPE

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1011.00.018	1.8	0-12
1/8"	S1011.00.025	2.5	0-10
1/8"	S1011.00.030	3	0-5
1/4"	S1011.01.018	1.8	0-12
1/4"	S1011.01.025	2.5	0-10
1/4"	S1011.01.030	3	0-5
3/8"	S1011.02.125	12.5	0.5-12
1/2"	S1011.03.145	14.5	0.5-12
3/4"	S1011.04.017	17	0.5-12
1"	S1011.05.017	17	0.5-12
1 1/4"	S1011.06.030	30	0.5-12
1 1/2"	S1011.07.039	39	0.5-12
2"	S1011.08.046	46	0.5-12

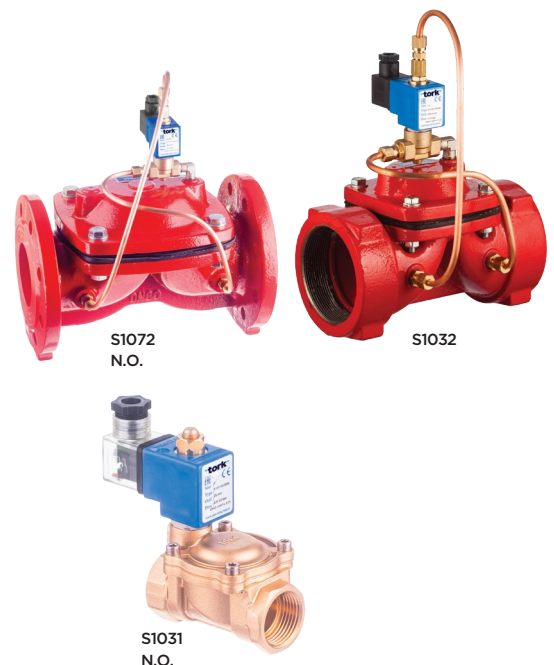


GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S1031 (TORK-GLN) SERIES - LARGE ORIFICE

Body : Brass, Casting / Tube: Stainless Steel
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1031.02	12.5	0.35-16
1/2"	S1031.03	12.5	0.35-16
3/4"	S1031.04	20	0.5-16
1"	S1031.05	25	0.5-16
1 1/4"	S1031.06	30	0.5-12
1 1/2"	S1031.07	39	0.5-12
2"	S1031.08	46	0.5-12
2 1/2"	S1032.09 (GLN)	72.8	1-6
3"	S1032.10 (GLN)	85.4	1-6
2 1/2"	S1034.09 (GLN)	72.8	1.5-16
3"	S1034.10 (GLN)	85.4	1.5-16
DN 80	S1072.10 (GLFN)	80	1-6
DN 100	S1072.12 (GLFN)	100	1-6
DN 150	S1072.18 (GLFN)	150	1-6
DN 200	S1072.20 (GLFN)	200	1-6
DN 80	S1082.10 (GLFHN)	80	1.5-16
DN 100	S1082.12 (GLFHN)	100	1.5-16
DN 150	S1082.18 (GLFHN)	150	1.5-16
DN 200	S1082.20 (GLFHN)	200	1.5-16



S10 Series General Purpose Solenoid Valves (Normally Open Series)



GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



S1021 (TORK-GZN) SERIES GENERAL PURPOSE SOLENOID VALVES

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C..80°C (input pressure min. 150 mBar)
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1021.02	12.5	150 mbar-12bar
1/2"	S1021.03	14.5	150 mbar-12bar
3/4"	S1021.04	17	150 mbar-12bar
1"	S1021.05	17	150 mbar-12bar



S1021
12 bar

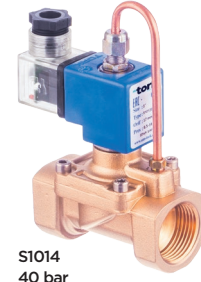
GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



S1014 (TORK-GHA) SERIES GENERAL PURPOSE SOLENOID VALVES (N.O) FOR LIQUID HIGH PRESSURE

Body : Brass / Tube : Stainless
Diaphragm: NBR + Teflon or Viton + Teflon -10°C..160°C
Fluid : For liquid.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1014.02	12.5	0.5-40
1/2"	S1014.03	14.5	0.5-40
3/4"	S1014.04	17	0.5-40
1"	S1014.05	17	0.5-40



S1014
40 bar

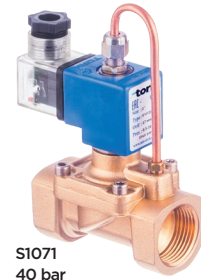
GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



S1071 (TORK-GH1A) SERIES GENERAL PURPOSE SOLENOID VALVES FOR AIR HIGH PRESSURE

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1071.02	12.5	0.5-40
1/2"	S1071.03	14.5	0.5-40
3/4"	S1071.04	17	0.5-40
1"	S1071.05	17	0.5-40



S1071
40 bar

Note: P=0, input and output line pressure must be equal. Input pressure does not mean 0.

S10 Series General Purpose Solenoid Valves (1/8", 1/4" N.C./N.O.)



GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

S1074 (TORK-GSL) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S1074.00	12.5	0.5-16	
1/4"	S1074.01	12.5	0.5-16	



S1074
16 Bar
N.C.

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S1075 (TORK-GSL.A) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S1075.01	12.5	0.5-16	
1/4"	S1075.01	12.5	0.5-16	



S1075
16 Bar
N.O.

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S1078 (TORK-GHL.A) SERIES

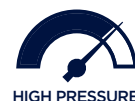
Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S1078.00	12.5	0.5-40	
1/4"	S1078.01	12.5	0.5-40	



S1078
40 Bar
N.O.

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S1077 (TORK-GHL) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S1077.00	12.5	0.5-40	6
1/4"	S1077.01	12.5	0.5-40	



S1077
40 Bar
N.C.

Note: 1/8", 1/4" can be ordered in case of small connection but high pressure needed.

IRRIGATION SOLENOID VALVES (2/2 WAY NORMALLY CLOSED / NORMALLY OPEN)

S8910 (TORK-IR) SERIES

Body : PVC
Diaphragm: NBR / -10°C..110°C
Fluid : Water

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/4"	S8910.04	20	0.3-10	
1"	S8910.05	25	0.3-10	
1 1/2"	S8910.07	50	0.3-10	
2"	S8910.08	50	0.3-10	
1"	S8990.05	31	1-10	
1 1/2"	S8990.07	45	1-10	
2"	S8990.08	57	1-10	
2 1/2"	S8990.09	74	1-10	
3"	S8990.10	86	1-10	



S8910



S8990

DRAIN SOLENOID VALVE (2/2 WAY) (NORMALLY CLOSED)

S8110 (TORK-GDV) SERIES - DRAIN VALVE

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S8110.00.018	1.8	0-16	
1/4"	S8110.01.018	1.8	0-16	
3/8"	S8110.02.125	12.5	0.5-16	
1/2"	S8110.03.145	14.5	0.5-16	
3/4"	S8110.04.017	17	0.5-16	
1"	S8110.05.017	17	0.5-16	

Note: Timer is included in the price.



S8110



Standard Timer
C - 93



S8110



Digital Timer
C - 96

DRAIN PISTON VALVE

PP 1130 + TIMER DRAIN VALVE

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/2"	PP 1130	12.5	-1...16bar	



PP1130.03 + Timer
Drain Valve

DRAIN SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S8180 (TORK-GZDV) SERIES - DRAIN VALVE

Body : Brass / Tube : Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8180.02	12.5	150 mbar-16bar	
1/2"	S8180.03	14.5	150 mbar-16bar	
3/4"	S8180.04	17	150 mbar-16bar	
1"	S8180.05	17	150 mbar-16bar	

Note:Drains extra water from tank bottom.



S8180

S10 Series General Purpose Solenoid Valves (3/2 Way)



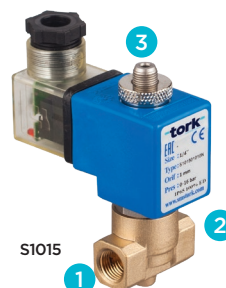
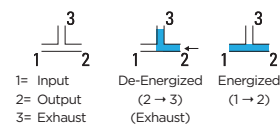
GENERAL PURPOSE SOLENOID VALVES (3/2 WAY - NORMALLY CLOSED)

S1015 (TORK-G.3W) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc..

Size	Model No	Orifice (mm)	Pressure (Bar)	Price (€)
1/8"	S1015.00.018	1.8	0-6	
1/8"	S1015.00.025	2.5	0-3	
1/4"	S1015.01.018	1.8	0-6	
1/4"	S1015.01.025	2.5	0-3	

Used the on-off control in pneumatic piston valves, pneumatic diaphragm Actuated Globe Valves, pneumatic pinch valves.

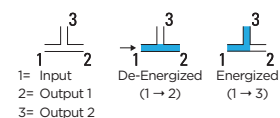


GENERAL PURPOSE SOLENOID VALVES (3/2 WAY NORMALLY OPEN)

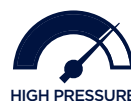
S1016 (TORK-G.3W.N) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc..

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1016.00.015	1.5	0-14
1/4"	S1016.01.015	1.5	0-14



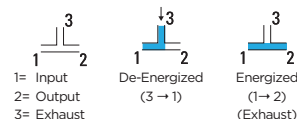
GENERAL PURPOSE SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)



S1017 (TORK-GT.3W) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc..

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1017.00.010	1	0-16
1/8"	S1017.00.018	1.8	0-10
1/8"	S1017.01.025	2.5	0-3
1/4"	S1017.01.010	1	0-16
1/4"	S1017.01.018	1.8	0-10
1/4"	S1017.01.025	2.5	0-3

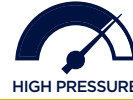


Note: Top entry for S1030, S1031, S1032, S1033, S1034, S1070, S1072 and S1082 series.

S10 SerieS General Purpose Solenoid Valves



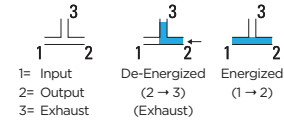
S10 SERIES GENERAL PURPOSE SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)



S1095 SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR (on request VITON, EPDM)
Fluid : Air, Water, Gas etc..

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1095.00.010	1	0-16
1/8"	S1095.00.018	1.8	0-10
1/8"	S1095.00.025	2.5	0-7
1/4"	S1095.01.010	1	0-16
1/4"	S1095.01.018	1.8	0-10
1/4"	S1095.01.025	2.5	0-7

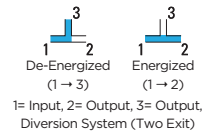


GENERAL PURPOSE SOLENOID VALVES (3/2 WAY NORMALLY CLOSED) (3 WAY FROM BODY)

S1018 (TORK-GY.3W) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S1018.00.018	1.8	0-16
1/8"	S1018.00.025	2.5	0-12
1/8"	S1018.00.035	3.5	0-10
1/4"	S1018.01.018	1.8	0-16
1/4"	S1018.01.025	2.5	0-12
1/4"	S1018.01.035	3.5	0-10



GENERAL PURPOSE GROUP SOLENOID VALVES (3/2 WAY - NORMALLY CLOSED)

S8275 (TORK-GFE.3W) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar) 1 input 2 output
1/8"	S8275.00.018.12	1.8	0-16
1/8"	S8275.00.025.12	2.5	0-12
1/4"	S8275.01.018.12	1.8	0-16
1/4"	S8275.01.025.12	2.5	0-12

Size	Model No	Orifice (mm)	Pressure (Bar) 1 input 3 output
1/8"	S8275.00.018.13	1.8	0-16
1/8"	S8275.00.025.13	2.5	0-12
1/4"	S8275.01.018.13	1.8	0-16
1/4"	S8275.01.025.13	2.5	0-12



S10 Series General Purpose Solenoid Valves



GENERAL PURPOSE GROUP SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S8211 (TORK-GFN) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar) 1 input - 2 output
1/8"	S8211.00.018.12	1.8	12
1/8"	S8211.00.025.12	2.5	10
1/4"	S8211.01.018.12	1.8	12
1/4"	S8211.01.025.12	2.5	10

Size	Model No	Orifice (mm)	Pressure (Bar) 1 input - 3 output
1/8"	S8211.00.018.13	1.8	0-12
1/8"	S8211.00.025.13	2.5	0-10
1/4"	S8211.01.018.13	1.8	0-12
1/4"	S8211.01.025.13	2.5	0-10



S8211
1 input 2 output



S8211
1 input - 3 output

GENERAL PURPOSE GROUP SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8210 (TORK-GF) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar) 1 input - 2 output
1/8"	S8210.00.018.12	1.8	14
1/8"	S8210.00.025.12	2.5	10
1/4"	S8210.01.018.12	1.8	14
1/4"	S8210.01.025.12	2.5	10

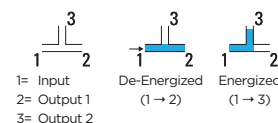
Size	Model No	Orifice (mm)	Pressure (Bar) 1 input - 2 output
1/8"	S8210.00.018.13	1.8	14
1/8"	S8210.00.025.13	2.5	10
1/4"	S8210.01.018.13	1.8	14
1/4"	S8210.01.025.13	2.5	10



S8210
1 input - 2 output



S8210
1 input - 3 output

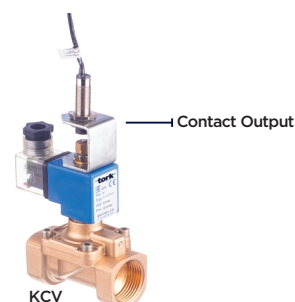


GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

TORK-KCV SERIES - CONTACT OUTPUT VALVE

Body : Brass / Tube: Stainless
Diaphragm: NBR
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	KCV.00	1.8	0-6
1/4"	KCV.01	1.8	0-6
3/8"	KCV.02	12	0.5-6
1/2"	KCV.03	14	0.5-6
3/4"	KCV.04	17	0.5-6
1"	KCV.05	17	0.5-6



KCV

Note: Gives contact output signal when solenoid valve opens.

S10 Series General Purpose Solenoid Valves (For Flammable Gases)

SERIES SOLENOID VALVES FOR OXYGEN AND HYDROGEN GAS (2/2 WAY - NORMALLY CLOSED)



S8810 SERIES

Body : Brass / Tube: Stainless
Diaphragm: EPDM / -10°C..140°C
Fluid : Oxygen and Hydrogen gas.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S8810.00.018	1.8	0-16	
1/8"	S8810.00.025	2.5	0-12	
1/8"	S8810.00.030	3	0-10	
1/4"	S8810.01.018	1.8	0-16	
1/4"	S8810.01.025	2.5	0-12	
1/4"	S8810.01.030	3	0-10	
3/8"	S8810.02	12.5	0.5-16	
1/2"	S8810.03	14.5	0.5-16	
3/4"	S8810.04	17	0.5-16	
1"	S8810.05	17	0.5-16	
1 1/4"	S8810.06	46	0.5-12	
1 1/2"	S8810.07	46	0.5-12	
2"	S8810.08	46	0.5-12	



SERIES SOLENOID VALVES FOR OXYGEN AND HYDROGEN GAS (2/2 WAY - NORMALLY OPEN)

S8811 SERIES

Body : Brass / Tube: Stainless
Diaphragm: EPDM / -10°C..140°C
Fluid : Oxygen and Hydrogen gas

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S8811.00.018	1.8	0-12	
1/8"	S8811.00.025	2.5	0-10	
1/8"	S8811.00.030	3	0-5	
1/4"	S8811.01.018	1.8	0-12	
1/4"	S8811.01.025	2.5	0-10	
1/4"	S8811.01.030	3	0-5	
3/8"	S8811.02	12.5	0.5-12	
1/2"	S8811.03	14.5	0.5-12	
3/4"	S8811.04	17	0.5-12	
1"	S8811.05	17	0.5-12	
1 1/4"	S8811.06	46	0.5-12	
1 1/2"	S8811.07	46	0.5-12	
2"	S8811.08	46	0.5-12	



SERIES SOLENOID VALVES FOR OXYGEN AND HYDROGEN GAS (2/2 WAY - NORMALLY CLOSED)



S8813 SERIES

Body : Brass / Tube: Stainless
Diaphragm: EPDM / -10°C..140°C
Fluid : Oxygen and Hydrogen gas

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8813.02	12.5	0.5-40	
1/2"	S8813.03	14.5	0.5-40	
3/4"	S8813.04	17	0.5-40	
1"	S8813.05	17	0.5-40	



S10 Series General Purpose Solenoid Valves (For Flammable Gases)

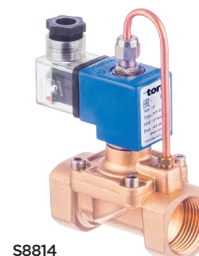
SERIES SOLENOID VALVES FOR OXYGEN AND HYDROGEN GAS (2/2 WAY - NORMALLY OPEN)



S8814 SERIES

Body : Brass / Tube: Stainless
Diaphragm: EPDM / -10°C..140°C
Fluid : Oxygen and Hydrogen gas

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8814.02	12.5	0.5-40	
1/2"	S8814.03	14.5	0.5-40	
3/4"	S8814.04	17	0.5-40	
1"	S8814.05	17	0.5-40	



S8814

WATER HAMMER SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S1110 SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR (on request EPDM, VITON) / -10°C..80°C
Fluid : Air, Water, Gas etc..

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S1110.02	12.5	0.5-12	
1/2"	S1110.03	14.5	0.5-12	
3/4"	S1110.04	17	0.5-12	
1"	S1110.05	17	0.5-12	
1 1/2"	S1110.06	46	0.5-12	
1 1/4"	S1110.07	46	0.5-12	
2"	S1110.08	46	0.5-12	



S1110

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

S1111 SERIES

Body : Brass / Tube: Stainless
Diaphragm : NBR (on request EPDM, VITON) / -10°C..80°C
Fluid : Air, Water, Gas etc..

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S1111.02	12.5	0.5-12	
1/2"	S1111.03	14.5	0.5-12	
3/4"	S1111.04	17	0.5-12	
1"	S1111.05	17	0.5-12	
1 1/2"	S1111.06	46	0.5-12	
1 1/4"	S1111.07	46	0.5-12	
2"	S1111.08	46	0.5-12	



S1111



ATEX

GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

SX1010 (TORK-ExGP) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SX1010.00.018	1.8	0-16
1/8"	SX1010.00.025	2.5	0-12
1/8"	SX1010.00.040	4	0-9
1/4"	SX1010.01.018	1.8	0-16
1/4"	SX1010.01.025	2.5	0-12
1/4"	SX1010.01.040	4	0-9
1/4"	SX1010.01.050	5	0-7
1/4"	SX1010.01.060	6	0-5
1/4"	SX1010.01.070	7	0-16
3/8"	SX1010.02.125	12.5	0.5-16
1/2"	SX1010.03.145	14.5	0.5-16
3/4"	SX1010.04.017	17	0.5-16
1"	SX1010.05.017	17	0.5-16
1 1/4"	SX1010.06.030	30	0.5-12
1 1/2"	SX1010.07.039	39	0.5-12
2"	SX1010.08.046	46	0.5-12



SX1010
"m" class



SX1010
"m" class

FLAME PROOF (ATEX) GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

SF1010 (TORK-ExGP) SERIES - II 2 G Ex d IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SF1010.00.018	1.8	0-16
1/8"	SF1010.00.025	2.5	0-12
1/8"	SF1010.00.040	4	0-9
1/4"	SF1010.01.018	1.8	0-16
1/4"	SF1010.01.025	2.5	0-12
1/4"	SF1010.01.040	4	0-9
1/4"	SF1010.01.050	5	0-7
1/4"	SF1010.01.060	6	0-5
1/4"	SF1010.01.070	7	0-16
3/8"	SF1010.02.125	12.5	0.5-16
1/2"	SF1010.03.145	14.5	0.5-16
3/4"	SF1010.04.017	17	0.5-16
1"	SF1010.05.017	17	0.5-16
1 1/4"	SF1010.06.030	30	0.5-12
1 1/2"	SF1010.07.039	39	0.5-12
2"	SF1010.08.046	46	0.5-12



ATEX



SF1010
"d" class



SF1010
"d" class

SX and SF Series Atex Solenoid Valves



EX-PROOF (ATEX) GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

SX1011 (TORK-ExGN) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SX1011.00.018	1.8	0-12	
1/8"	SX1011.00.025	2.5	0-10	
1/8"	SX1011.00.030	3	0-5	
1/4"	SX1011.01.018	1.8	0-12	
1/4"	SX1011.01.025	2.5	0-10	
1/4"	SX1011.01.030	3	0-5	
3/8"	SX1011.02.125	12.5	0.5-12	
1/2"	SX1011.03.145	14.5	0.5-12	
3/4"	SX1011.04.017	17	0.5-12	
1"	SX1011.05.017	17	0.5-12	
1 1/4"	SX1011.06.030	30	0.5-12	
1 1/2"	SX1011.07.039	39	0.5-12	
2"	SX1011.08.046	46	0.5-12	



ATEX



SX1011
"m" class



SX1011

EX-PROOF (ATEX) GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY CLOSED, LARGE ORIFICE)

SX1030 (TORK-ExGL) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SX1030.02	12.5	0.35-16	
1/2"	SX1030.03	14.5	0.35-16	
3/4"	SX1030.04	17	0.5-16	
1"	SX1030.05	17	0.5-16	
1 1/4"	SX1030.06	30	0.5-12	
1 1/2"	SX1030.07	39	0.5-12	
2"	SX1030.08	46	0.5-12	
2 1/2"	SX1030.09	72.8	1-6	
3"	SX1030.10	85.4	1-6	



ATEX



SX1030
"m" class

EX-PROOF (ATEX) FUEL OIL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

SX4010 (TORK-ExY) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Fuel oil, Hydraulic oil etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SX4010.02	12.5	0.5-16	
1/2"	SX4010.03	14.5	0.5-16	
3/4"	SX4010.04	17	0.5-16	
1"	SX4010.05	17	0.5-16	
1 1/4"	SX4010.06	30	0.5-10	
1 1/2"	SX4010.07	39	0.5-10	
2"	SX4010.08	46	0.5-10	



ATEX



SX4010
"m" class

SX and SF Series Atex Solenoid Valves

EXPLOSIVE ATMOSPHERE



ATEX

EX-PROOF (ATEX) GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

SX1060 (TORK-ExMI) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SX1060.00.018	1.8	0-16	
1/4"	SX1060.01.018	1.8	0-16	
3/8"	SX1060.02.012	12	0.35-12	
1/2"	SX1060.03.012	12	0.35-12	
3/4"	SX1060.04.015	15	0.35-12	



EX-PROOF (ATEX) GENERAL PURPOSE SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



LOW PRESSURE

SX1020 (TORK-ExGZ) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SX1020.02	12.5	0.15-16	
1/2"	SX1020.03	14.5	0.15-16	
3/4"	SX1020.04	17	0.15-16	
1"	SX1020.05	17	0.15-16	



EX-PROOF (ATEX) GENERAL PURPOSE SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



LOW PRESSURE

SX1021 (TORK-ExGZN) SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water, Gas etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SX1021.02	12.5	0.15 - 12	
1/2"	SX1021.03	14.5	0.15 - 12	
3/4"	SX1021.04	17	0.15 - 12	
1"	SX1021.05	17	0.15 - 12	



DOUBLE COIL EX-PROOF FUEL OIL VALVE (ATEX) (2/2 WAY - NORMALLY CLOSED)

SX7130 SERIES - II 2 G Ex mb IIC T4 ZONE 1 ZONE 2

Body : Brass / Tube: Stainless
Diaphragm: Viton, -10°C..160°C
Fluid : Fuel Oil

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/4"	SX7130.04.170V-LPG	17	1-25	
3/4"	SX7130.04.170V	17	0-10	
1"	SX7130.05	25	0.5 - 16	
1 1/4"	SX7130.06	30	0.5 - 12	
1 1/2"	SX7130.07	39	0.5 - 12	
2"	SX7130.08	46	0.5 - 12	



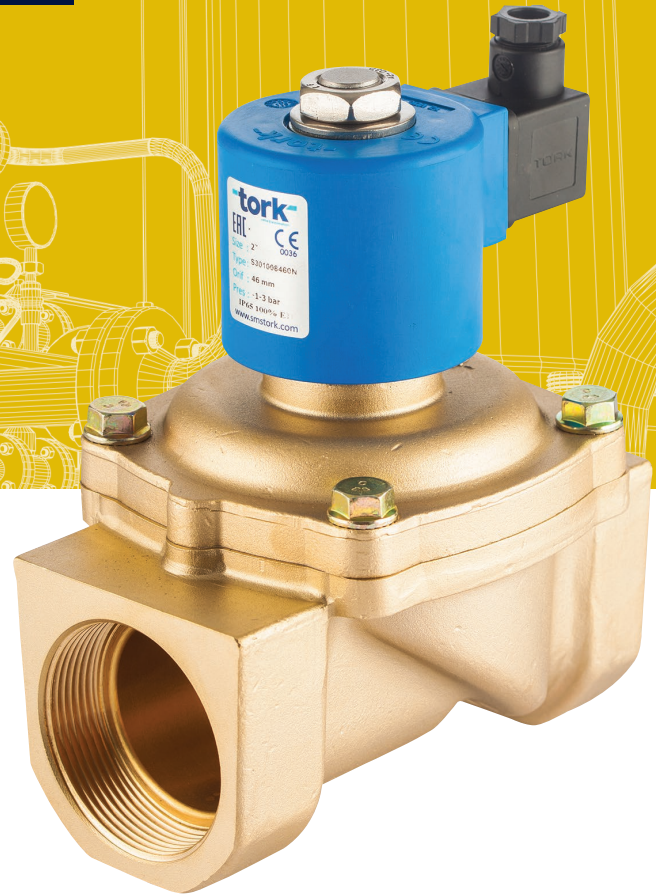
*The product SX7130.04.170V-LPG is for LPG.

The product SX7130.04.170V is for fuel oil.

NOTE: For gasoline and diesel oil

GENERAL PURPOSE SOLENOID VALVE

APPLICATIONS



Used in close systems and
zero differential pressure
applications.

**S1000 SERIES-ZERO DIFFERENTIAL PRESSURE SOLENOID VALVES
(2/2 WAY - NORMALLY CLOSED)**

S1000 SERIES - ZERO DIFFERENTIAL PRESSURE SERIES - NORMALLY CLOSED

Body : Brass / Tube: Stainless Steel
Diaphragm: NBR / -10°C..80°C
Fluid : Air, Water etc.

$\Delta P=0 \text{ bar}$
ZERO DIFFERENTIAL PRESSURE

Screw Connected

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S1000.02	12.5	0 - 16
1/2"	S1000.03	14.5	0 - 16
3/4"	S1000.04	17	0 - 16
1"	S1000.05	17	0 - 16
1 1/4"	S1000.06	30	0 - 12
1 1/2"	S1000.07	39	0 - 12
2"	S1000.08	46	0 - 12

Flanged Connected

Size	Model No	Orifice (mm)	Pressure (Bar)
DN 25	S1000.05.170.N-F	17	0 - 16
DN 32	S1000.06.460.N-F	30	0 - 12
DN 40	S1000.07.460.N-F	39	0 - 12
DN 50	S1000.08.460.N-F	46	0 - 12



STEAM SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S2010 (TORK-B) SERIES - HEAVY DUTY SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton (1/8"-.1/4"), PTFE (3/8"-.1"), EPDM (1 1/4"-.2") / -10°C..140°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S2010.00.018	1.8	0-5
1/8"	S2010.00.025	2.5	0-5
1/8"	S2010.00.030	3	0-5
1/4"	S2010.01.018	1.8	0-5
1/4"	S2010.01.025	2.5	0-5
1/4"	S2010.01.030	3	0-5
3/8"	S2010.02.125	12.5	0.5-5
1/2"	S2010.03.145	14.5	0.5-5
3/4"	S2010.04.017	17	0.5-5
1"	S2010.05.01	17	0.5-5
1 1/4"	S2010.06.030	30	0.5-3
1 1/2"	S2010.07.039	39	0.5-3
2"	S2010.08.046	46	0.5-3



S2010
(1/8"-.1/4")



S2010
(3/8"-.2")

STEAM SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S2011 (TORK-BN) SERIES

Body : Brass / Tube: Stainless
Diaphragm: FKM (1/8"-.1/4"), PTFE (3/8"-.1"), EPDM (1 1/4"-.2") / -10°C..140°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S2011.00.018	1.8	0-5
1/8"	S2011.00.025	2.5	0-5
1/8"	S2011.00.030	3	0-5
1/4"	S2011.01.018	1.8	0-5
1/4"	S2011.01.025	2.5	0-5
1/4"	S2011.01.030	3	0-5
3/8"	S2011.02	12.5	0.5-5
1/2"	S2011.03	14.5	0.5-5
3/4"	S2011.04	17	0.5-5
1"	S2011.05	17	0.5-5
1 1/4"	S2011.06	30	0.5-3
1 1/2"	S2011.07	39	0.5-3
2"	S2011.08	46	0.5-3



S2011



S2011

STEAM SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S2012 (TORK-BA) SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE (3/8"-.1"), EPDM (1 1/4"-.2") / -10°C..140°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S2012.02	12.5	0.5-5
1/2"	S2012.03	12.5	0.5-5
3/4"	S2012.04	20	0.5-5
1"	S2012.05	25	0.5-5
1 1/4"	S2012.06	30	0.5-3
1 1/2"	S2012.07	39	0.5-3
2"	S2012.08	46	0.5-3



S2012



S2012

S20 Serie Steam Solenoid Valves



STEAM SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



S2013 (TORK-BH) SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE, -10°C..160°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S2013.02	12.5	0.5-6	
1/2"	S2013.03	14.5	0.5-6	
3/4"	S2013.04	17	0.5-6	
1"	S2013.05	17	0.5-6	



S2013



S2013
Nickel Coated

NON - DIFFERANTIAL PRESSURE STEAM SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S2020 (TORK-BZ) SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE, -10°C..160°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S2020.02	12.5	150 mbar-5 bar	
1/2"	S2020.03	14.5	150 mbar-5 bar	
3/4"	S2020.04	17	150 mbar-5 bar	
1"	S2020.05	17	150 mbar-5 bar	

Note: Please specify coil voltage.



S2020

NON - DIFFERANTIAL PRESSURE STEAM SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



S2021 (TORK-BZN) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton, -10°C..160°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S2021.02	12.5	150 mbar-5 bar	
1/2"	S2021.03	14.5	150 mbar-5 bar	
3/4"	S2021.04	17	150 mbar-5 bar	
1"	S2021.05	17	150 mbar-5 bar	



S2021

S20 Serie Steam Solenoid Valves



STEAM SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



S2030 (TORK-BL) SERIES - LARGE ORIFICE

Body : Brass / Tube: Stainless
Diaphragm: EPDM, -10°C..140°C
Fluid : Steam and Hot water

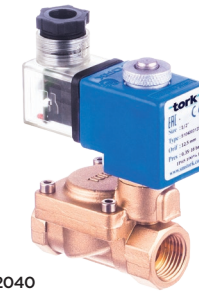


Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S2030.02	12.5	0.35-3	
1/2"	S2030.03	12.5	0.35-3	
3/4"	S2030.04	20	0.5-3	
1"	S2030.05	25	0.5-3	
1 1/4"	S2030.06	30	0.5-3	
1 1/2"	S2030.07	39	0.5-3	
2"	S2030.08	46	0.5-3	

STEAM SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

S2073 (TORK-BT) SERIES - ECONOMIC SERIES

Body : Brass / Tube: Brass
Diaphragm: Viton (1/8"..1/4"), EPDM (1 1/4"..2") / -10°C..140°C
Fluid : Steam and Hot water



Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S2073.00.018	1.8	0-5	
1/8"	S2073.00.025	2.5	0-5	
1/8"	S2073.00.030	3	0-5	
1/8"	S2073.00.040	4	0-5	
1/8"	S2073.00.045	4.5	0-5	
1/4"	S2073.01.018	1.8	0-5	
1/4"	S2073.01.025	2.5	0-5	
1/4"	S2073.01.030	3	0-5	
1/4"	S2073.01.040	4	0-5	
1/4"	S2073.01.045	4.5	0-5	
3/8"	S2073.02.030	3	0-5	
3/8"	S2073.02.040	4	0-5	
3/8"	S2073.02.050	5	0-5	
1/2"	S2073.03.030	3	0-5	
1/2"	S2073.03.040	4	0-5	
1/2"	S2073.03.050	5	0-5	
3/8"	S2040.02.010	10	0.5-4	
1/2"	S2040.03.012	12	0.5-4	
3/4"	S2040.04.015	15	0.5-4	

S20 Serie Steam Solenoid Valves



SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



S2090 (TORK-BR) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton, -10°C..160°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S2090.00.030	3	0-5	
1/4"	S2090.01.030	3	0-5	



S2090

FLOW ADJUSTABLE

STEAM SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S2091 (TORK-BHD) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton, -10°C..160°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S2091.02.025	2.5	0-6	
1/2"	S2091.03.025	2.5	0-6	



S2091



S2091

STEAM SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



S2031 (TORK-BLN) SERIES

Body : Brass / Tube: Stainless
Diaphragm: EPDM, -10°C..140°C
Fluid : Steam and Hot water

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S2031.02	12.5	0.35-3	
1/2"	S2031.03	12.5	0.35-3	
3/4"	S2031.04	17	0.5-3	
1"	S2031.05	17	0.5-3	
1 1/4"	S2031.06	30	0.5-3	
1 1/2"	S2031.07	39	0.5-3	
2"	S2031.08	46	0.5-3	



S2031

S30 Serie Vacuum Solenoid Valves

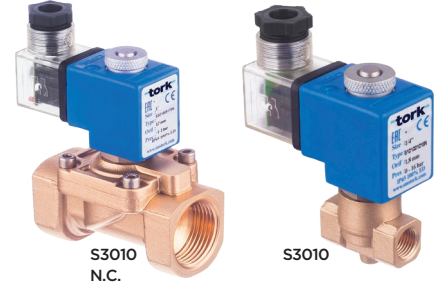


VACUUM SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

S3010 (TORK-V) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S3010.00.040	4	-1 - 3	
1/4"	S3010.01.040	4	-1 - 3	
3/8"	S3010.02	12.5	-1 - 3	
1/2"	S3010.03	14.5	-1 - 3	
3/4"	S3010.04	17	-1 - 3	
1"	S3010.05	17	-1 - 3	



VACUUM SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

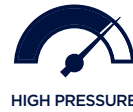
S3030 (TORK-VL) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S3030.02	12.5	-1 - 3	
1/2"	S3030.03	14.5	-1 - 3	
3/4"	S3030.04	20	-1 - 3	
1"	S3030.05	25	-1 - 3	



VACUUM SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)



S3033 (TORK-VLH) SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S3033.02	12.5	-1 - 9	
1/2"	S3033.03	14.5	-1 - 9	
3/4"	S3033.04	20	-1 - 9	
1"	S3033.05	25	-1 - 9	



S40 Serie Fuel Oil Solenoid Valves

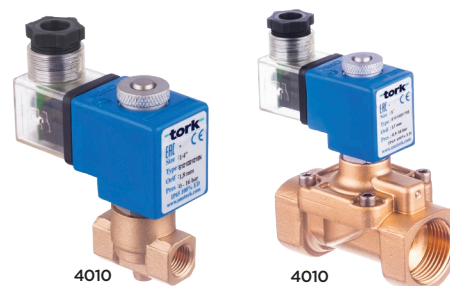


FUEL OIL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S4010 (TORK-Y) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Ruby, Viton / -10°C..160°C
Fluid : Fuel oil, Hydraulic oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S4010.00.025	2.5	0-30
1/8"	S4010.00.032	3.2	0-20
1/4"	S4010.01.025	2.5	0-30
1/4"	S4010.01.032	3.2	0-20
3/8"	S4010.02	12.5	0.5-16
1/2"	S4010.03	14.5	0.5-16
3/4"	S4010.04	17	0.5-16
1"	S4010.05	17	0.5-16
1 1/4"	S4010.06	30	0.5-12
1 1/2"	S4010.07	39	0.5-12
2"	S4010.08	46	0.5-12



FUEL OIL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S4011 (TORK-YN) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Ruby, Viton / -10°C..160°C
Fluid : Fuel oil, Hydraulic oil, etc.

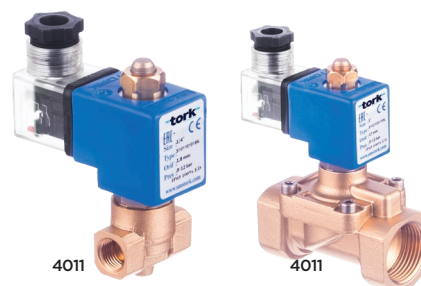
Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S4011.00.025	2.5	0-30
1/8"	S4011.00.030	3	0-22
1/8"	S4011.00.032	3.2	0-20
1/4"	S4011.01.025	2.5	0-30
1/4"	S4011.01.030	3	0-22
1/4"	S4011.01.032	3.2	0-20



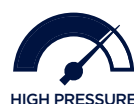
S4011 (TORK-YN) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Fuel oil, Hydraulic oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S4011.02	12.5	0.5-12
1/2"	S4011.03	14.5	0.5-12
3/4"	S4011.04	17	0.5-12
1"	S4011.05	17	0.5-12
1 1/4"	S4011.06	30	0.5-10
1 1/2"	S4011.07	39	0.5-10
2"	S4011.08	46	0.5-10



FUEL OIL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



S4013 (TORK-YH) SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE+Viton (3/8" ..1") / -10°C..160°C
Fluid : Fuel oil, Hydraulic oil, etc.

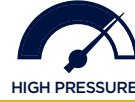
Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S4013.02	12.5	0.5-40
1/2"	S4013.03	14.5	0.5-40
3/4"	S4013.04	17	0.5-40
1"	S4013.05	17	0.5-40



S40 Serie Fuel Oil Solenoid Valves



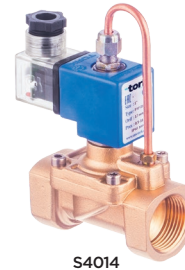
FUEL OIL SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



S4014 (TORK-YHA) SERIES

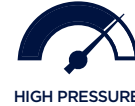
Body : Brass / Tube: Stainless
Diaphragm: PTFE+Viton / -10°C..160°C
Fluid : Fuel oil, Diesel, Hydraulic oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S4014.02	12.5	0.5-40
1/2"	S4014.03	14.5	0.5-40
3/4"	S4014.04	17	0.5-40
1"	S4014.05	17	0.5-40



S4014

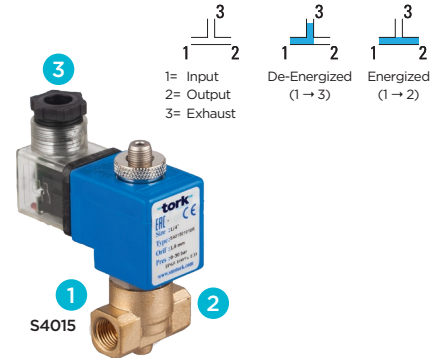
FUEL OIL SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)



S4015 (TORK-Y.3W) SERIES

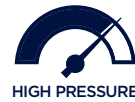
Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Fuel oil, Hydraulic oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S4015.00.025	2.5	0-30
1/4"	S4015.01.025	2.5	0-30



S4015

FUEL OIL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



S4073 (FILTER SYSTEM) SERIES

Body : Brass / Tube: Stainless / Filter: Stainless sheet
Diaphragm: Viton + Brass / -10°C..160°C
Fluid : Fuel oil, Diesel, Hydraulic oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S4073.02	14.5	0.5-40
1/2"	S4073.03	14.5	0.5-40
3/4"	S4073.04	14.5	0.5-40
1"	S4073.05	14.5	0.5-40



Special membrane filter protective particles from in the fluid



S4073

FUEL OIL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S4083 (TORK-YP) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Ruby / -10°C..160°C
Fluid : Fuel oil, Diesel, Hydraulic oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
30x30	S4083.032 (2/2 Way)	3.2	0-30
30x30	S4085.018 (3/2 Way)	1.8	0-30
32x32	S4093.032 (2/2 Way)	3.2	0-30
32x32	S4095.018 (3/2 Way)	1.8	0-30



S4083

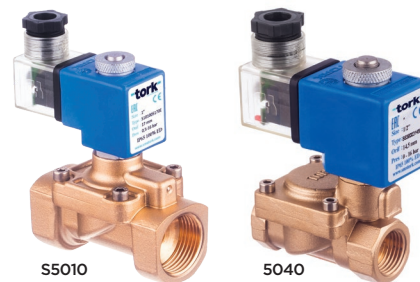
S50 Series Compressor Solenoid Valves

COMPRESSOR SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S5010/S5040 (TORK-GK/GKTD) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S5010.00.018	1.8	0-16	
1/4"	S5010.01.018	1.8	0-16	
3/8"	S5010.02	12.5	0.5-16	
1/2"	S5010.03	14.5	0.5-16	
3/4"	S5010.04	17	0.5-16	
1"	S5010.05	17	0.5-16	
3/8"	S5040.02	12.5	0.35-16	
1/2"	S5040.03	12.5	0.35-16	
3/4"	S5040.04	15	0.35-16	

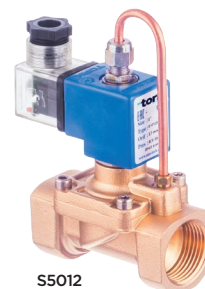


COMPRESSOR SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

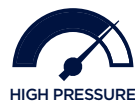
S5012 (TORK-GKA) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S5012.02	12.5	0.5-16	
1/2"	S5012.03	14.5	0.5-16	
3/4"	S5012.04	17	0.5-16	
1"	S5012.05	17	0.5-16	



COMPRESSOR SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



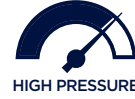
S5013 (TORK-GKH) SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE+ Viton / -10°C..160°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S5013.00.018	1.8	0-50	
1/4"	S5013.01.018	1.8	0-50	
3/8"	S5013.02	12.5	0.5-40	
1/2"	S5013.03	14.5	0.5-40	
3/4"	S5013.04	17	0.5-40	
1"	S5013.05	17	0.5-40	



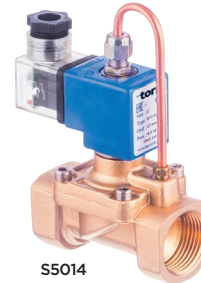
COMPRESSOR SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



S5014 (TORK-GKHA) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S5014.02	12.5	0.5-40
1/2"	S5014.03	14.5	0.5-40
3/4"	S5014.04	17	0.5-40
1"	S5014.05	17	0.5-40



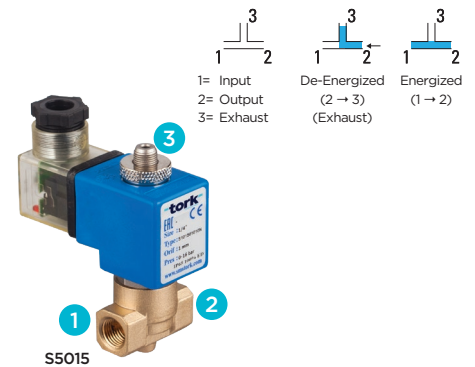
S5014

COMPRESSOR SOLENOID VALVES (2/2 WAY - 3/2 WAY NORMALLY CLOSE)

S5015 (TORK-GK.3W) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Teflon+ Viton / -10°C..160°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S5015.00.010	1	0-10
1/4"	S5015.01.010	1	0-10



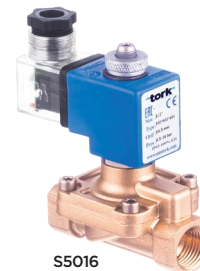
S5015

COMPRESSOR SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

S5016 (TORK-GKA) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Air, Oily Hot Air

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S5016.02	12.5	0.5-16
1/2"	S5016.03	14.5	0.5-16
3/4"	S5016.04	17	0.5-16
1"	S5016.05	17	0.5-16



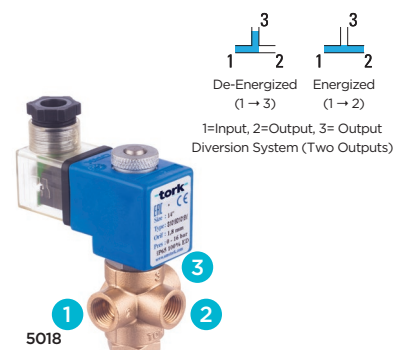
S5016

COMPRESSOR SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S5018 (TORK-GKY.3W) SERIES

Body : Brass / Tube: Stainless
Diaphragm: Viton / -10°C..160°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S5018.00.018	1.8	0-16
1/8"	S5018.00.025	2.5	0-12
1/8"	S5018.00.035	3.5	0-10
1/4"	S5018.01.018	1.8	0-16
1/4"	S5018.01.025	2.5	0-12
1/4"	S5018.01.035	3.5	0-10



S5018

S50 Series Compressor Solenoid Valves COMPRESSOR

COMPRESSOR SOLENOID VALVES (2/2 WAY - 3/2 WAY NORMALLY CLOSE)

S5070 N.K / S5071 N.O / S5072 3/2 SERIES

Body : Brass / Tube: Stainless

Diaphragm: Viton

Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)	
30x30	S5070.018 (2/2 Way)	1.8	0-16	
30x30	S5071.018 (2/2 Way)	1.8	0-16	
30x30	S5072.018 (3/2 Way)	1.8	0-16	

* On request; produced in 32x32



COMPRESSOR SOLENOID VALVES (2/2 WAY - 3/2 WAY NORMALLY CLOSE)

S5073/S5074 (TORK-MIP) SERIES

Body : Brass / Tube: Stainless

Diaphragm: Viton

Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)	
25x25	S5073.018 (2/2 Way)	1.8	0-12	
25x25	S5074.018 (3/2 Way)	1.8	0-6	



COMPRESSOR SOLENOID VALVES (2/2 WAY - 3/2 WAY NORMALLY CLOSE)

S5078/S5080 (TORK-GKP/GKP.3W) SERIES

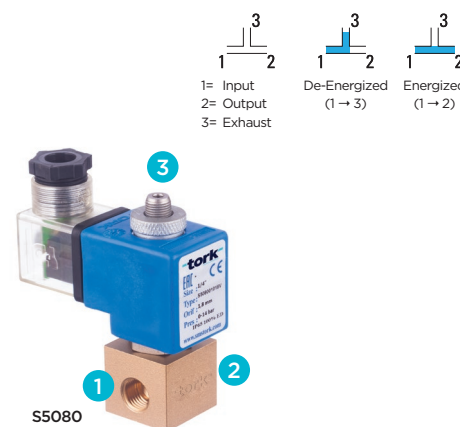
Body : Brass / Tube: Stainless

Diaphragm: Viton / -10°C..160°C

Fluid : Air

Size	Way	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	2/2	S5078.00.030	3	0-10	
1/4"	2/2	S5078.01.030	3	0-10	
1/8"	3/2	S5085.00.018	1.8	0-14	
1/4"	3/2	S5085.01.018	1.8	0-14	

* S5078 is used for exhaust, S5085 can be used with switch.



Cryogenic and Cooling Solenoid Valves



CRYOGENIC SOLENOID VALVES

S9610 - S9710 SERIES

Body : Brass / Tube: Stainless

Diaphragm: PTFE / -196°C..30°C

Fluid : Cryogenic Fluid, Liquid Oxygen, Hydrogen, Helium, Carbon Dioxide, Nitrogen

Size	Model No	Orifice (mm)	Pressure (Bar) min/max	Tube, Sealing Features
1/8"	S9610.00.010T	1	0 100	Short Tube, Flat Sealing
1/8"	S9610.00.018T	1.8	0 50	Short Tube, Flat Sealing
1/8"	S9610.00.030T	3	0 16	Short Tube, Flat Sealing
1/8"	S9610.00.045T	4.5	0 8	Short Tube, Flat Sealing
1/8"	S9610.00.030T - BK	3	0 16	Short Tube, Flat Sealing
1/8"	S9610.00.045T - BK	4.5	0 8	Short Tube Flat Sealing
1/4"	S9610.01.010T	1	0 100	Short Tube, Flat Sealing
1/4"	S9610.01.018T	1.8	0 50	Short Tube, Flat Sealing
1/4"	S9610.01.030T	3	0 16	Short Tube, Flat Sealing
1/4"	S9610.01.045T	4.5	0 8	Short Tube, Flat Sealing
1/4"	S9610.01.030T - BK	3	0 16	Short Tube, Conic Sealing
1/4"	S9610.01.045T - BK	4.5	0 8	Short Tube, Conic Sealing
1/2"	S9610.02.070T	7	0 5	Short Tube, Flat Sealing
1/2"	S9610.02.070T - BK	7	0 5	Short Tube, Conic Sealing
1/8"	S9710.00.030T	3	0 16	Long Tube, Flat Sealing
1/4"	S9710.01.030T	3	0 16	Long Tube, Flat Sealing



S9610



S9610 - S9710 SERIES

Body : Brass / Tube: Stainless

Diaphragm: PTFE / -196°C..30°C

Fluid : Cryogenic Fluid, Liquid Oxygen, Hydrogen, Helium, Carbon Dioxide, Nitrogen

Size	Model No	Orifice (mm)	Pressure (Bar) min/max	Tube, Sealing Features
1/8"	S9610.02.0125T	3/8"	0 10	Short Tube, Flat Sealing
1/8"	S9610.03.0145T	1/2"	0 10	Short Tube, Flat Sealing
1/8"	S9610.04.0170T	3/4"	0 10	Short Tube, Flat Sealing
1/8"	S9610.05.0170T	1"	0 10	Short Tube, Flat Sealing
1/8"	S9610.02.0125T - BK	3/8"	0 10	Short Tube, Conic Sealing
1/8"	S9610.03.0145T - BK	1/2"	0 10	Short Tube, Conic Sealing
1/4"	S9610.04.0170T - BK	3/4"	0 10	Short Tube, Flat Sealing
1/4"	S9610.05.0170T - BK	1"	0 10	Short Tube, Flat Sealing
1/4"	S9710.02.0125T	3/8"	0 10	Short Tube, Flat Sealing
1/4"	S9710.03.0145T	1/2"	0 10	Short Tube, Flat Sealing
1/4"	S9710.04.0170T	3/4"	0 10	Short Tube, Flat Sealing
1/4"	S9710.05.0170T	1"	0 10	Short Tube, Flat Sealing
1/2"	S9710.02.125T - BK	3/8"	0 10	Long Tube, Conic Sealing
1/2"	S9710.03.0145T - BK	1/2"	0 10	Long Tube, Conic Sealing
1/8"	S9710.04.0170T - BK	3/4"	0 10	Long Tube, Conic Sealing
1/4"	S9710.05.0170T - BK	1"	0 10	Long Tube, Conic Sealing



S9610

Cryogenic and Cooling Solenoid Valves



CRYOGENIC SOLENOID VALVES

S9610 P - S9710 P SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE / -196°C..30°C
Fluid : Cryogenic Fluid, Liquid Oxygen, Hydrogen, Helium, Carbon Dioxide, Nitrogen

Size	Model No	Orifice (mm)	Pressure (Bar) min/max	Tube, Sealing Features
1/8"	S9610.00.010T - P	1	0 100	Short Tube, Flat Sealing
1/8"	S9610.00.018T - P	1.8	0 50	Short Tube, Flat Sealing
1/8"	S9610.00.030T - P	3	0 16	Short Tube, Flat Sealing
1/8"	S9610.00.045T - P	4.5	0 8	Short Tube, Flat Sealing
1/8"	S9610.00.030T - PK	3	0 16	Short Tube, Conic Sealing
1/8"	S9610.00.045T - PK	4.5	0 8	Short Tube, Conic Sealing
1/4"	S9610.01.010T - P	1	0 100	Short Tube, Flat Sealing
1/4"	S9610.01.018T - P	1.8	0 50	Short Tube, Flat Sealing
1/4"	S9610.01.030T - P	3	0 16	Short Tube, Flat Sealing
1/4"	S9610.01.045T - P	4.5	0 8	Short Tube, Flat Sealing
1/4"	S9610.01.030T - PK	3	0 16	Short Tube, Conic Sealing
1/4"	S9610.01.045T - PK	4.5	0 8	Short Tube, Conic Sealing
1/2"	S9610.02.070T - P	7	0 5	Short Tube, Flat Sealing
1/2"	S9610.02.070T - PK	7	0 5	Short Tube, Conic Sealing
1/8"	S9710.00.030T - P	3	0 16	Long Tube, Flat Sealing
1/4"	S9710.01.030T - P	3	0 16	Long Tube, Flat Sealing



COOLING SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S6110 SERIES

Body : Brass / Tube: Stainless Steel / Connection Part: Copper
Diaphragm: PTFE, Ruby / -30°C..105°C
Fluid : CFC, HCFC, HFC

Size	Model No	Orifice (mm)	Pressure (Bar) min	Pressure (Bar) max (AC)	Pressure (Bar) max (DC)
1/4"	S6110.01.025	2.5	0	30	21
1/4"	S6110.01.030	3	0	21	15
3/8"	S6110.02.030	3	0	21	15
3/8"	S6110.02.065	6.5	0.1	30	21
3/8"	S6110.02.080	8	0.1	30	21
1/2"	S6110.03.010	10	0.1	30	21
5/8"	S6110.15.015	15	0.1	30	10
3/4"	S6110.04.018	18	0.1	30	10
7/8"	S6110.16.018	18	0.1	30	10



S6210 SERIES

Body : Brass / Tube: Stainless
Diaphragm: PTFE, Ruby / -30°C..105°C
Fluid : CFC, HCFC, HFC

Size	Model No	Orifice (mm)	Pressure (Bar) Minimum	Pressure (Bar) Maksimum (AC)	Pressure (Bar) Maksimum (DC)
1/4"	S6210.01.025	2.5	0	30	21
1/4"	S6210.01.030	3	0	21	15
3/8"	S6210.02.030	3	0	21	15
3/8"	S6210.02.065	6.5	0.1	30	21
3/8"	S6210.02.080	8	0.1	30	21
1/2"	S6210.03.010	10	0.1	30	21
5/8"	S6210.15.015	15	0.1	30	10



Isolation (Agressive Fluids) Solenoid Valves



S8450 ISOLATION SERIES SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8450 SERIES

Body : PVC
Diaphragm: Viton / -10°C..80°C
Fluid : Acid, Chemical Liquids

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/4"	S8450.01.03	3	-1- 6	
1/4"	S8450.01.04	4	-1- 4	
3/8"	S8450.02.04	4	-1- 4	
3/8"	S8450.02.07	7	-1- 1.5	
1/2"	S8450.03.07	7	-1- 1.5	
3/4"	S8450.04.07	7	-1- 1.5	
1"	S8450.05.07	7	-1- 1.5	



S8450

S8480 ISOLATION SERIES SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8480 SERIES

Body : PVC
Diaphragm: Viton / -10°C..80°C
Fluid : Acid, Chemical Liquids

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/4"	S8480.01	4.5	0-2.5	
1/2"	S8480.03	8	0-0.07	
3/4"	S8480.04	14	0-3	



S8480

S8490 ISOLATION SERIES SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8490 (TORK-GK.3W) SERIES

Body : PVC
Diaphragm: Viton / -10°C..80°C
Fluid : Acid, Chemical Liquids

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/4"	S8490.01	4.5	-1- 2	
1/2"	S8490.03	8	-1- 0.5	
3/4"	S8490.04	14	-1- 0.5	



S8490

S8610 SERIES VESSEL HORN SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8610/S8680 SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C...80°C
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/2"	S8610	10	1-30	
1/2"	S8680	14.5	0.5-40	



S8610

* to sound horn on ships.

Latching Solenoid Valves (Only for DC Voltages)



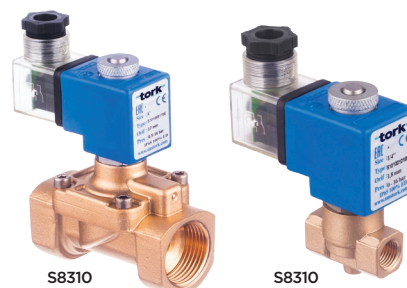
ENERGY SAVE

LATCHING SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8310 SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C, EPDM / -10°C..140°C, Viton / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	S8310.00.18	1.8	0-16	
1/8"	S8310.00.25	2.5	0-6	
1/8"	S8310.00.30	3	0-6	
1/4"	S8310.01.18	1.8	0-16	
1/4"	S8310.01.25	2.5	0-6	
1/4"	S8310.01.30	3	0-6	
3/8"	S8310.02	12.5	0.5-16	
1/2"	S8310.03	14.5	0.5-16	
3/4"	S8310.04	17	0.5-16	
1"	S8310.05	17	0.5-16	
1 1/4"	S8310.06	30	0.5-12	
1 1/2"	S8310.07	39	0.5-12	
2"	S8310.08	46	0.5-12	



Note: When energized, the valve changes position and energy is cut off. The valve retains its position until it is energized for the second time and returns to its initial state when 2nd energy is supplied.

* In the opening and closing processes, position is determined by changing the phase and neutral direction.

*

LATCHING SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



LOW PRESSURE



ENERGY SAVE

S8320 SERIES

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C, EPDM / -10°C..140°C, Viton / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8320.02	12.5	0.15-16	
1/2"	S8320.03	14.5	0.15-16	
3/4"	S8320.04	17	0.15-8	
1"	S8320.05	17	0.15-8	



LATCHING SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



ENERGY SAVE

S8330 SERIES (NC)

Body : Brass / Tube: Stainless
Diaphragm: NBR / -10°C..80°C, EPDM / -10°C..140°C, Viton / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8330.02	12.5	0.35-16	
1/2"	S8330.03	14.5	0.35-16	
3/4"	S8330.04	20	0.5-16	
1"	S8330.05	25	0.5-16	



Special Series Solenoid Valves

MAGNETIC LOCK

MK1 SERIES

Model No	Stroke (mm)
MK1	8



MK

PINCH SOLENOID VALVES (2/2 WAY / NORMALLY CLOSE / NORMALLY OPEN)

S8510 / S8511 (TORK-PIN) SERIES (NC / NO)

Body : Aluminium / Tube: Stainless Steel
Hose : POM
Fluid : Water, Air, Gas etc.

Size		Model No	Force (N)
Inner Diameter	Outer Diameter		
6.5	9	S8510.090	13
6.5	9	S8511.090	13
5.5	8	S8510.080	11.5
5.5	8	S8511.080	11.5
4.5	7	S8510.070	10
4.5	7	S8511.070	10
3.5	6	S8510.060	8.4
3.5	6	S8511.060	8.4



S8510

Electric Actuated
Pinch Valve

PNEUMATIC CONTROLLED PINCH VALVES (2/2 WAY / NORMALLY OPEN)

S8512 SERIES (NO)

Body : Aluminium / Tube: Stainless Steel
Hose : POM
Fluid : Water, Air, Gas etc.

Size		Model No
Inner Diameter	Outer Diameter	
11	15	S8512



Pneumatic Controlled
Pinch Valve

SPECIAL SERIES SOLENOID VALVES (2/2 WAY / NORMALLY OPEN)

S9510 SERIES - REMOTE AIR CONTROL VALVE

Body : Brass
Diaphragm: NBR
Fluid : Air, Water, Gas, Fuel, Oil, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	S9510.02	12.5	0-10
1/2"	S9510.03	14.5	0-10
3/4"	S9510.04	17	0-10
1"	S9510.05	17	0-10
1 1/4"	S9510.06	30	0-10
1 1/2"	S9510.07	39	0-10
2"	S9510.08	46	0-10



S9510

Note: Controller pressure must be higher than fluid pressure.

SS10 Series Stainless Steel Solenoid Valves



STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

SS1010 (TORK-SK) SERIES

Body : Stainless Steel / **Tube:** Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR and Teflon/ -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SS1010.00.018	1.8	0-16	
1/8"	SS1010.00.025	2.5	0-12	
1/8"	SS1010.00.040	4	0-9	
1/4"	SS1010.01.018	1.8	0-16	
1/4"	SS1010.01.025	2.5	0-12	
1/4"	SS1010.01.030	3	0-10	
1/4"	SS1010.01.040	4	0-9	
1/4"	SS1010.01.050	5	0-7	



SS1010

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

SS1010 (TORK-SYD) SERIES

Body : Stainless Steel / **Tube:** Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SS1010.02	12.5	0.5-16	
1/2"	SS1010.03	12.5	0.5-16	
3/4"	SS1010.04	17	0.5-16	
1"	SS1010.05	17	0.5-16	
1 1/4"	SS1010.06	30	0.5-16	
1 1/2"	SS1010.07	39	0.5-16	
2"	SS1010.08	46	0.5-16	



SS1010

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

SS1011 SERIES

Body : Stainless Steel / **Tube:** Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SS1011.00.018	1.8	0-12	
1/8"	SS1011.00.025	2.5	0-10	
1/8"	SS1011.00.030	3	0-5	
1/4"	SS1011.01.018	1.8	0-12	
1/4"	SS1011.01.025	2.5	0-10	
1/4"	SS1011.01.030	3	0-5	



SS1011

SS10 Series Stainless Steel Solenoid Valves



STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

SS1011 (TORK-SYDN) SERIES

Body : Stainless Steel / **Tube**: Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SS1011.02	12.5	0.5-12	
1/2"	SS1011.03	12.5	0.5-12	
3/4"	SS1011.04	17	0.5-12	
1"	SS1011.05	17	0.5-12	
1 1/4"	SS1011.06	30	0.5-12	
1 1/2"	SS1011.07	39	0.5-12	
2"	SS1011.08	46	0.5-12	



SS1011

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

SS1030 (TORK-SYDN) SERIES

Body : Stainless Steel / **Tube**: Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SS1030.02	12.5	0.5-16	
1/2"	SS1030.03	12.5	0.5-16	
3/4"	SS1030.04	20	0.5-16	
1"	SS1030.05	25	0.5-16	
1 1/4"	SS1030.06	32	0.5-16	
1 1/2"	SS1030.07	40	0.5-16	
2"	SS1030.08	50	0.5-16	



SS1030

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)

SS1031 (TORK-SYDN) SERIES

Body : Stainless Steel / **Tube**: Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	SS1031.02	12.5	0.5-12	
1/2"	SS1031.03	12.5	0.5-12	
3/4"	SS1031.04	20	0.5-12	
1"	SS1031.05	25	0.5-12	
1 1/4"	SS1031.06	32	0.5-12	
1 1/2"	SS1031.07	40	0.5-12	
2"	SS1031.08	50	0.5-12	



SS1031

SS10 Series Stainless Steel Solenoid Valves



STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)



SS1000 (TORK-SYDZ) SERIES

Body : Stainless Steel / **Tube**: Stainless Steel
Diaphragm: NBR, Viton, Optional EPDM / -10°C..80°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)		
			Min	AC Max	DC Max
3/8"	SS1000.02	16	0	10	6
1/2"	SS1000.03	16	0	10	6
3/4"	SS1000.04	20	0	10	6
1"	SS1000.05	25	0	10	6
1 1/4"	SS1000.06	32	0	10	6
1 1/2"	SS1000.07	40	0	10	6
2"	SS1000.08	50	0	10	6



SS1000

STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY OPEN)



SS1001 (TORK-SYDZ) SERIES

Body : Stainless Steel / **Tube**: Stainless Steel
Diaphragm: NBR, Viton, Optional EPDM / -10°C..80°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)		
			Min	AC Max	DC Max
3/8"	SS1001.02	16	0	5	3
1/2"	SS1001.03	16	0	5	3
3/4"	SS1001.04	20	0	5	3
1"	SS1001.05	25	0	5	3
1 1/4"	SS1001.06	32	0	5	3
1 1/2"	SS1001.07	40	0	5	3
2"	SS1001.08	50	0	5	3



SS1001

STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

SS1013 (TORK-SK) SERIES

Body : Stainless Steel / **Tube**: Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR and Teflon/ -10°C..160°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1013.00.010	1	0-100
1/8"	SS1013.00.018	1.8	0-50
1/8"	SS1013.00.025	2.5	0-20
1/8"	SS1013.00.040	1	0-100
1/4"	SS1013.01.018	1.8	0-50
1/4"	SS1013.01.025	2.5	0-20
3/8"	SS1013.02.125	12.5	0.5-40
1/2"	SS1013.03.125	12.5	0.5-40
3/4"	SS1013.04.170	17	0.5-40
1"	SS1013.05.170	17	0.5-40



SS1013



SS1013

SS10 Series Stainless Steel Solenoid Valves



STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

SS1012 (TORK-SYDA) SERIES

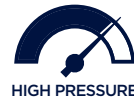
Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: NBR, Optional EPDM, Viton / -10°C..80°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	SS1012.02	12.5	0.5-16
1/2"	SS1012.03	12.5	0.5-16
3/4"	SS1012.04	17	0.5-16
1"	SS1012.05	17	0.5-16



SS1012

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY OPEN)



SS1014 (TORK-SYDA) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: NBR, Optional EPDM, Viton / -10°C..80°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	SS1014.02	12.5	0.5-40
1/2"	SS1014.03	12.5	0.5-40
3/4"	SS1014.04	17	0.5-40
1"	SS1014.05	17	0.5-40



SS1014

* Our C80 sockets are used as standard in our solenoid valves. 3 € price difference is added to LED socket preference.

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED), FLANGE

SS1010-F (TORK-SYDF) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: NBR, Optional EPDM, Viton / -10°C..80°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
DN32	SS1010.06-F	30	0.5-16
DN40	SS1010.07-F	39	0.5-16
DN50	SS1010.08-F	46	0.5-16



SS1010-F

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY OPEN), FLANGE

SS1011-F (TORK-SYDFN) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: NBR, Optional EPDM, Viton / -10°C..80°C
Fluid : Water, Air, Gas, Acid, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
DN32	SS1011.06-F	30	0.5-10
DN40	SS1011.07-F	39	0.5-10
DN50	SS1011.08-F	46	0.5-10



SS1011-F

SS10 Series Stainless Steel Solenoid Valves

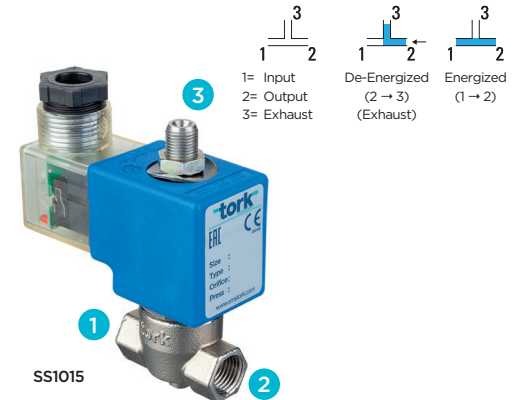


STAINLESS STEEL SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)

SS1015 (TORK-SY.3W) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: Viton/ -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1015.00.018	1.8	0-6
1/8"	SS1015.00.025	2.5	0-3
1/4"	SS1015.01.018	1.8	0-6
1/4"	SS1015.01.025	2.5	0-3

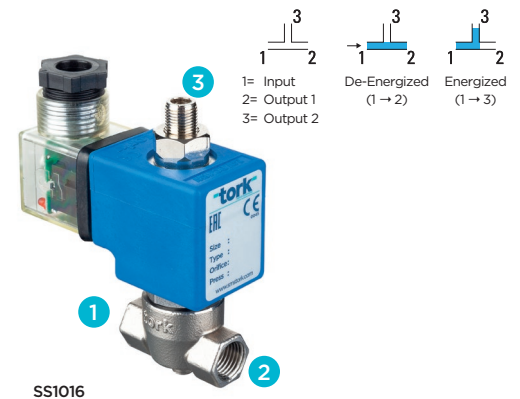


STAINLESS STEEL SOLENOID VALVES (3/2 WAY NORMALLY OPEN)

SS1016 (TORK-SY.3W) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: Viton/ -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1016.00.015	1.5	0-14
1/4"	SS1016.01.015	1.5	0-14

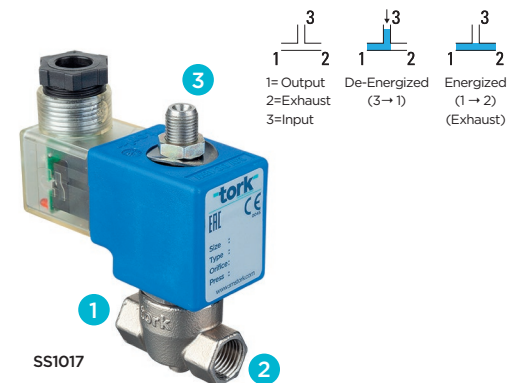


STAINLESS STEEL SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)

SS1017 (TORK-SY.3W) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: Viton/ -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1017.00.010	1	0-16
1/8"	SS1017.00.018	1.8	0-10
1/8"	SS1017.00.025	2.5	0-3
1/4"	SS1017.01.010	1	0-16
1/4"	SS1017.01.018	1.8	0-10
1/4"	SS1017.01.025	2.5	0-3

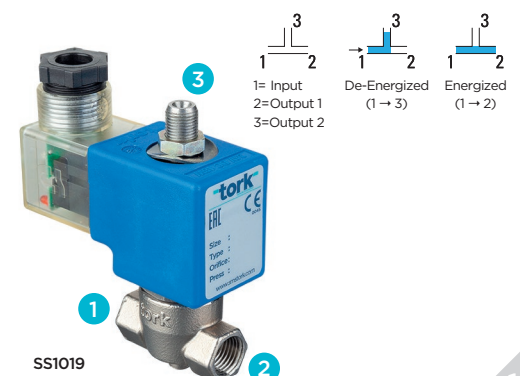


STAINLESS STEEL SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)

SS1019 (TORK-SYDA) SERIES

Body : Stainless Steel (316) / Tube: Stainless Steel
Diaphragm: Viton/ -10°C..180°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1019.00.025	2.5	0-10
1/4"	SS1019.01.025	2.5	0-10



SS10 Series Stainless Steel Solenoid Valves



STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

SS1050 SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: NBR, Optional EPDM, VITON / -10°C..80°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
3/8"	SS1050.02.050	5	0-7
3/8"	SS1050.02.060	6	0-6
3/8"	SS1050.02.070	7	0-5
1/2"	SS1050.03.050	5	0-7
1/2"	SS1050.03.060	6	0-6
1/2"	SS1050.03.070	7	0-5
1/2"	SS1050.03.090	9	0-2
1/2"	SS1050.03.100	10	0-1
3/4"	SS1050.04.050	5	0-7
3/4"	SS1050.04.060	6	0-6
3/4"	SS1050.04.070	7	0-5
1"	SS1050.05.050	5	0-7
1"	SS1050.05.060	6	0-6



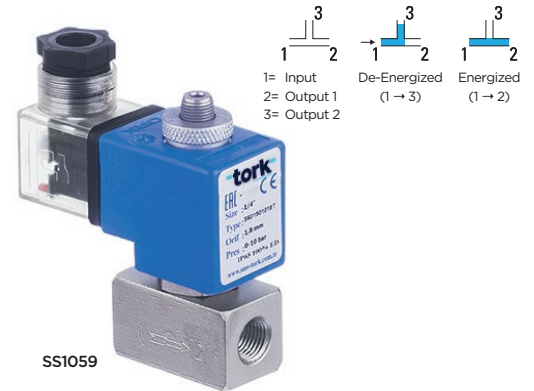
SS1050

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

SS1059 (TORK-SY) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1059.00.025	2.5	0-10
1/4"	SS1059.01.025	2.5	0-10



SS1059

STAINLESS STEEL SOLENOID VALVES (2/2 WAY - NORMALLY CLOSED)

SS1090 (TORK-SY) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: PTFE, Optional EPDM, NBR, Viton / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	SS1090.00.025	2.5	0-12
1/4"	SS1090.01.025	2.5	0-12
3/8"	SS1090.02.070	7	0-5



SS1090

SS10 Series Stainless Steel Solenoid Valves



STAINLESS STEEL SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

SS1091 (TORK-SY) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: PTFE, Optional EPDM, NBR, Viton / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SS1091.00.025	2.5	0-10	
1/4"	SS1091.01.025	2.5	0-10	

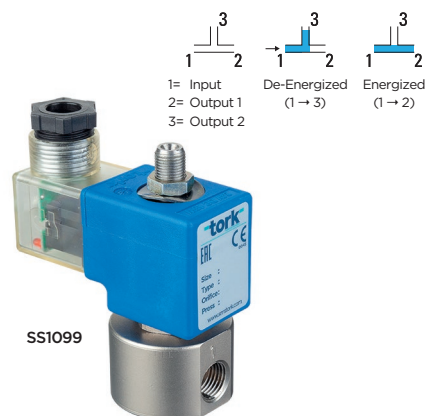


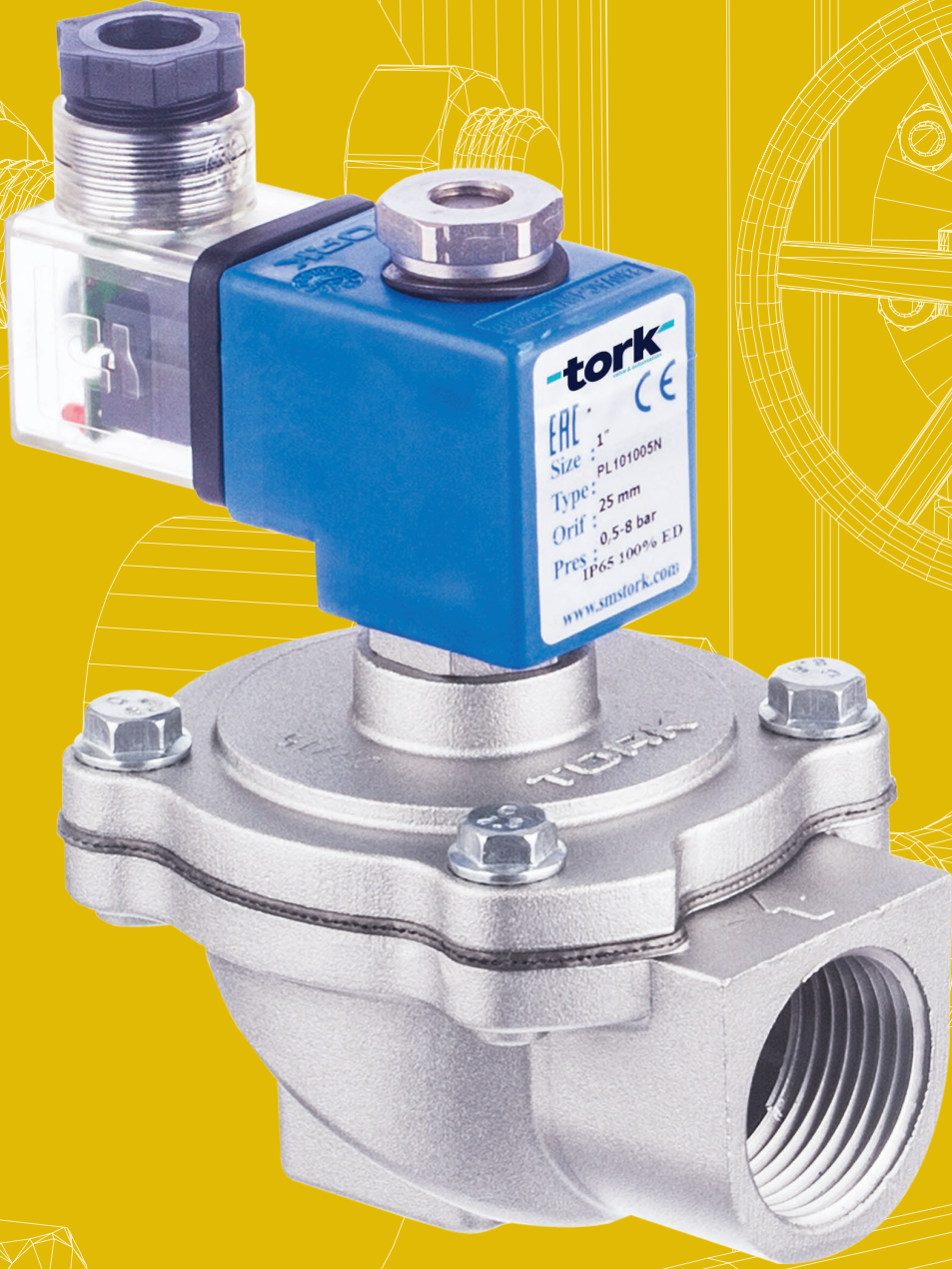
STAINLESS STEEL SOLENOID VALVES (3/2 WAY NORMALLY CLOSED)

SS1099 (TORK-SY) SERIES

Body : Stainless Steel / Tube: Stainless Steel
Diaphragm: Viton, Optional EPDM, NBR / -10°C..160°C
Fluid : Water, Air, Gas, etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/8"	SS1099.00.025	2.5	0-10	
1/4"	SS1099.01.025	2.5	0-10	





PULSE VALVES

Pulse Valves and Accessories

PL SERIES POWER PULSE SOLENOID VALVES (NORMALLY CLOSED)

PL1010 (TORK-P) SERIES

Body : Aluminium Injection
Diaphragm: NBR, Optional Viton, Thermoplastic
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)		
3/4"	PL1010.04	25	0.5-8		
1"	PL1010.05	25	0.5-8		
1 1/2"	PL1010.07	44	0.5-8		
2"	PL1010.08	50	0.5- 9.8		
2"	PL1011.08	50	0.5- 9.8		
2 1/2"	PL1010.09	65	0.5- 9.8		
3"	PL1010.10	80	0.5- 9.8		

PL1020 (TORK-PB) SERIES

Body : Aluminium Injection
Diaphragm: NBR, Optional Viton, Thermoplastic
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)		
3/4"	PL1020.04	25	0.5-8		
1"	PL1020.05	25	0.5-8		
1 1/2"	PL1020.07	44	0.5-8		
2"	PL1020.08	50	0.5- 9.8		
2"	PL1020.08	50	0.5- 9.8		
2 1/2"	PL1020.09	65	0.5- 9.8		
3"	PL1020.10	80	0.5- 9.8		

PL1030 (TORK-PRD) SERIES

Body : Aluminium Injection
Diaphragm: NBR, Optional Viton, Thermoplastic
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)		
3/4"	PL1030.04	25	0.5-8		
1"	PL1030.05	25	0.5-8		
1 1/2"	PL1030.07	44	0.5-8		

PL1050 (TORK-PRBD) SERIES

Body : Aluminium Injection
Diaphragm: NBR, Optional Viton, Thermoplastic
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)		
3/4"	PL1050.04	25	0.5-8		
1"	PL1050.05	25	0.5-8		
1 1/2"	PL1050.07	40	0.5-8		

PULSE TANK

PULSE TANK

Body : Aluminium Cast Iron
Diaphragm: Elastomer
Fluid : Air and Noble Gas

Model No	Pressure (Bar)	
PL1025.03.15.B.MXN	0.5-7.4	
PL1025.04.20.B.MXN	0.5-7.4	
PL1015.04.20.B.MXN	0.5-9.4	
PL1026.05.25.B.MXN	0.5-7.4	
PL1036.06.30.B.MXN	0.5-8.4	
PL1016.06.30.B.MXN	0.5-9.6	
PL1037.07.40.B.MXN	0.5-8.4	

Working Temperature:
Thermoplastic : -10...110 °C
Viton : -10...160°C
NBR : -10...80 °C



PL1010



PL1010



PL1020



PL1020



PL1030



PL1030



PL1050



PL1050



Pulse Valves and Accessories

PX10 SERIES EX-PROOF (ATEX) PULSE SOLENIOD VALVES (NORMALLY CLOSED) and PULSE VALVE ACCESSORIES

PX1010 (TORK-ExP) SERIES

Body : Aluminium Injection
Diaphragm: NBR
Fluid : Air

Size	Model No	Orifice (mm)	Pressure (Bar)
3/4"	PX1010.04	20	0.5-8
1"	PX1010.05	25	0.5-8
1 1/2"	PX1010.07	40	0.5-8
2"	PX1010.08	50	0.5- 9.8
2 1/2"	PX1010.09	65	0.5- 9.8
3"	PX1010.10	80	0.5- 9.8

NOTE : Ex-proof feature is just for coil. Not for whole body.

Working Temperature:
Thermoplastic : -10...110 °C
Viton : -10...160°C
NBR : -10...80 °C



PULSE VALVE CONTROL BOX

C95 (TORK-PZR) SERIES - Multi-Outlets Time Relay

Half Period : 0.1 Sec..10 Sec.
Stroke Period : 0.1 Sec...999.9 Sec.
Holding Period : 0.1 Sec...999.9 Sec.
Working Voltage: 220VAC, Optional 24VDC

Model No	Output
C95.08-220V AC	8 Output
C95.16-220V AC	16 Output
C95.24-220V AC	24 Output
C95.32-220V AC	32 Output
C95.40-220V AC	40 Output
C95.08-24V DC	8 Output
C95.16-24V DC	16 Output
C95.24-24V DC	24 Output
C95.32-24V DC	32 Output
C95.40-24V DC	40 Output



TIMER ACCESSORIES

C93/C94 TIMER SERIES - Mono out Time Relay

Model No	New Model No	Wait Time	Discharge Time
"TORK-Z 720 - (Standard Coil)"	C93	0.5 min..45 min.	0.5 sn..10 sec.
"TORK-Z 790 - (Mini Coil)"	C94	0.5 min..45 min.	0.5 sn..10 sec.
"TORK-Z 795 - (Standard Coil Digital Type)"	C96	66 ms..9999 sa	66 ms..9999 h.
"TORK-Z 980 - (Time Adjustment Socket)"	C90	0.5 min..45 min.	0.5 sn..10 sec.

* Our C80 sockets are used as standard in our solenoid valves. 3 € price difference is added to LED socket preference.



PULSE VALVES ACCESSORIES

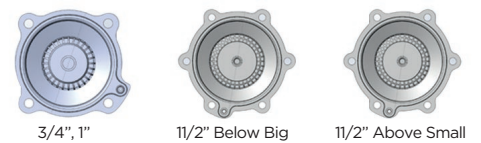
TORK-P SERIES PULSE VALVES DIAPHRAGMS - THERMOPLASTICS

Model No	Descriptions	Size	Working Temperature
DYF39PAYPOB34100	New	3/4" - 1"	-10 ... +110
DYF39PAYPKB0112	New - Upper Small	1 1/2"	-10 ... +110
DYF39PAYPBB0112	New - Bottom Big	1 1/2"	-10 ... +110

TORK-P SERIES PULSE VALVES DIAPHRAGMS - VITON

Model No	Descriptions	Size	Working Temperature
DYF32PAOBY100-01	New	3/4" - 1"	-10 ... +160
DYF32PAO34100-ET	Old Type	3/4" - 1"	-10 ... +160
DYF32PABBY112-02	New - Below Part Big	1 1/2"	-10 ... +160
DYF32PABBY112-ET	Old - Below Part Big	1 1/2"	-10 ... +160
DYF32PAKBY112-01	Above Part Small (New and Old Same)	1 1/2"	-10 ... +160

Pulse Valves Diaphragms - Thermoplastics



Pulse Valves Diaphragms - Viton



Pulse Valves and Accessories

TORK-P SERIES PULSE VALVES DIAPHRAGMS - VITON

Model No	Descriptions	Size	Working Temperature	
DYF33PA034100-01	New	3/4" - 1"	-10 ... +80	
DYF33PA034100-ET	Old Type	3/4" - 1"	-10 ... +80	
DYF33PABBY112-02	New - Below Big	1 1/2"	-10 ... +80	
DYF33PABBY112-ET	Old - Below Big	1 1/2"	-10 ... +80	
DYF33PAKBY112-01	Above Part Small (New and Old Same)	1 1/2"	-10 ... +80	

Pulse Valves Diaphragms - Viton



Natural Gas Solenoid Valves and Regulators

NATURAL GAS SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

S8011 (TORK-GV) SERIES

Body : Aluminium Injection

Diaphragm: NBR

Fluid : Natural Gas, LPG, Methane, Propane etc.

Size (BSP)	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8011.02	24	0-0.5	
1/2"	S8011.03	24	0-0.5	
3/4"	S8011.04	24	0-0.5	
1"	S8011.05	24	0-0.5	
1 1/4"	S8011.06	40	0-0.5	
1 1/2"	S8011.07	40	0-0.5	
2"	S8011.08	50	0-0.5	



S8011
N.O.

NATURAL GAS SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8086 (TORK-GVC) SERIES

Body : Aluminium Injection

Diaphragm: NBR

Fluid : Natural Gas, LPG, Methane, Propane etc.

Size (BSP)	Model No	Orifice (mm)	Pressure (Bar)	
3/8"	S8086.02	24	0-0.5	
1/2"	S8086.03	24	0-0.5	
3/4"	S8086.04	24	0-0.5	
1"	S8086.05	24	0-0.5	



S8086
N.C.

NATURAL GAS SOLENOID VALVES (2/2 WAY NORMALLY OPEN)

S8079 (TORK-GVF) SERIES

Body : Aluminium Injection

Diaphragm: NBR

Fluid : Natural Gas, LPG, Methane, Propane etc.

Size (BSP)	Model No	Orifice (mm)	Pressure (Bar)	
NW65	S8079.09	65	0-1	
NW80	S8079.10	80	0-1	
NW100	S8079.12	100	0-1	



S8079
N.O.

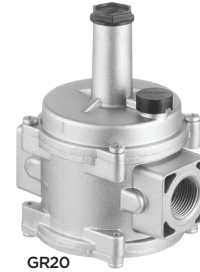
Natural Gas Solenoid Valves and Regulators

NATURAL GAS NORMAL REGULATORS

GR20 (TORK-GR1) SERIES

Body : Aluminium, Injection
Diaphragm: NBR
Fluid : Natural Gas, LPG, Methane, Propane etc. Input /Output
Pressure : Input, 500 mbar - Output, 0..98 mbar

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/2"	GR20.03	10	0-0.5	
3/4"	GR20.04	15	0-0.5	
1"	GR20.05	20	0-0.5	



GR20

NATURAL GAS NORMAL REGULATORS

GR30 (TORK-GR) SERIES

Body : Aluminium, Injection
Diaphragm : NBR
Fluid : Natural Gas, LPG, Methane, Propane etc.
Input/Output Pressure: 1 bar / 10..500 mbar

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/2"	GR30.03	20	0-1	
3/4"	GR30.04	25	0-1	
1"	GR30.05	35	0-1	
1 1/4"	GR30.06	85	0-1	
1 1/2"	GR30.07	85	0-1	
2"	GR30.08	135	0-1	



GR30

NATURAL GAS SHUT OFF REGULATORS

GR60 (TORK-GRE) SERIES

Body : Aluminium, Injection
Diaphragm : NBR
Fluid : Natural Gas, LPG, Methane, Propane etc.
Input/Output Pressure: 1 bar / 8-14 mbar, 14-25 mbar (Standard), 25-68 mbar, 68-120 mbar, 120-180 mbar, 320-450 mbar

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/2"	GR60.03	20	0-1	
3/4"	GR60.04	25	0-1	
1"	GR60.05	35	0-1	
1 1/4"	GR60.06	85	0-1	
1 1/2"	GR60.07	85	0-1	
2"	GR60.08	135	0-1	



GR60

FILTER

GF10 (TORK-GFT) SERIES

Body : Aluminium, Injection
Diaphragm: Synthetic Fiber
Fluid : Natural Gas, LPG, Methane, Propane etc.

Size	Model No	Orifice (mm)	Pressure (Bar)	
1/2"	GF10.02	15	0-4	
3/4"	GF10.03	20	0-4	
1"	GF10.04	25	0-4	
1 1/4"	GF10.05	32	0-4	
1 1/2"	GF10.06	40	0-4	
2"	GF10.07	50	0-4	



GF10

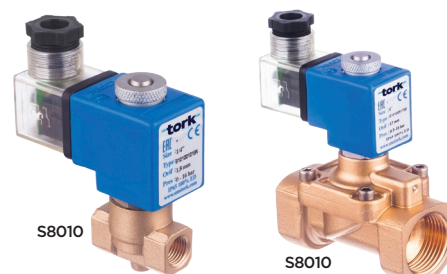
Solenoid Valves

S8010 SERIES LPG AND NATURAL GAS SOLENOID VALVES (2/2 WAY NORMALLY CLOSED)

S8010 (TORK-GG) SERIES

Body : Brass / Core: Brass
Diaphragm: NBR / -10°C..80°C
Fluid : Natural Gas, LPG

Size	Model No	Orifice (mm)	Pressure (Bar)
1/8"	S8010.00.040	4	0-9
1/4"	S8010.01.040	4	0-9
3/8"	S8010.02	12.5	1-16
1/2"	S8010.03	14.5	1-16
3/4"	S8010.04	17	1-16
1"	S8010.05	17	1-16



GAS ALARM DEVICES

TORK-GA SERIES

Model No	Working Voltage	Body
TORK-GA 10	230 VAC 50/60 Hz	PVC
TORK-GA 20	230 VAC 50/60 Hz	PVC
TORK-GA 21	12-24 VAC, 12-24 VDC	Aluminium Injection
GAP 10	230 VAC 50/60 Hz	PVC
GAP 30	230 VAC 50/60 Hz	PVC

Note: GA20 ATEX Class : IIG Ex mb IIB T6 Zone 1 Zone 2
GA21 ATEX Class: II G Ex d IIB T6 Zone 1 Zone 2

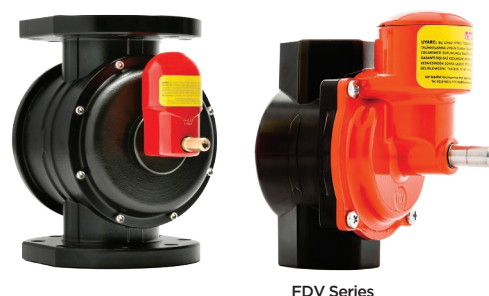


MECHANIC EARTHQUAKE VALVE (SISMIC VALVE)

TORK-GA SERIES

Body : Aluminium (Internal Parts Brass and Stainless Steel)
Working Temperature : 60°C
Fluid : Natural Gas, LPG, Methane, Propane etc.

Size	Model No	Pressure (Bar)
1"	TORK-FDV 25	0-500
1 1/4"	TORK-FDV 32	0-500
1 1/2"	TORK-FDV 40	0-500
2"	TORK-FDV 50	0-500



S9520 SERIES VALVE (FLANGED)



S9520 (TORK-PRBD) SERIES

Body : Cast Iron
Diaphragm: HNBR
Fluid : Water

Size	Model No	Orifice (mm)	Pressure (Bar)
DN50	S9520.08.050.N	50	1-16
DN80	S9520.10.080.N	80	1-16



Solenoid Valves



MANOMETER

TORK-GA SERIES

Body : Metal
Working Temperature : 80°C
Fluid : Natural Gas



Size	Model No	Pressure (Bar)
1/4"	PKNS-MM063100011871(CL 2.5)	0-600
1/4"	PKNS-MM063100011871(CL 1.6)	0-100
1/4"	PKNS-MM063100011871(CL 1.6)	0-600

PIPE SEAL UNIT

Pipe Seal Unit

Fluid : Used for the pipe threads which water,oil,gas and many chemicals pass through when endurance requirement.



Model No	Pressure (psi)
TORK-TITE 2943	100

COAX SOLENOID VALVES

2/2 Way Direct Operated Coaxial Solenoid Valve

Body : Aluminium, Injection
Diaphragm: Sentetic Fiber
Fluid : Natural Gas, LPG, Methane, Propane etc.

Connection	Model No	Orifice (mm)	Ambient Temperature	Fluid Temperature
1/4" - 3/4"	TORK- MK10	DN10	-10..+80°C	-20..+120°C
3/8" - 3/4"	TORK-MK/FK15	DN15	-20..+80°C	-20..+160°C
3/4" - 1 1/4"	TORK-MK/FK20	DN20	-20..+80°C	-20..+160°C
1" - 1 1/2"	TORK-MK/FK25	DN25	-20..+80°C	-20..+160°C
1 1/4" - 1 1/2"	TORK-MK/FK32	DN32	-20..+80°C	-20..+160°C
1/2" - 2"	TORK-MK/FK40	DN40	-20..+80°C	-20..+160°C
2"	TORK-MK/FK50	DN50	-20..+80°C	-20..+120°C
-	TORK-FK65	DN65	-20..+80°C	-20..+80°C
-	TORK-FK80	DN80	-20..+80°C	-20..+80°C



2/2 way
N.C.

COAX SOLENOID VALVES

3/2 Way Direct Operated Coaxial Solenoid Valve

Body : Aluminium, Injection
Diaphragm: Sentetic Fiber
Fluid : Natural Gas, LPG, Methane, Propane etc.

Connection	Model No	Orifice (mm)	Ambient Temperature	Fluid Temperature
1/4" - 3/4"	TORK- MK10 DR	DN10	-10..+80°C	-20..+120°C
3/8" - 3/4"	TORK-MK/FK15 DR	DN15	-20..+80°C	-20..+160°C
3/4" - 1 1/4"	TORK-MK/FK20 DR	DN20	-20..+80°C	-20..+160°C
1" - 1 1/2"	TORK-MK/FK25 DR	DN25	-20..+80°C	-20..+160°C
1 1/4" - 1 1/2"	TORK-MK/FK32 DR	DN32	-20..+80°C	-20..+160°C
1/2" - 2"	TORK-MK/FK40 DR	DN40	-20..+80°C	-20..+160°C
2"	TORK-MK/FK50 DR	DN50	-20..+80°C	-20..+120°C
-	TORK-FK65 DR	DN65	-20..+80°C	-20..+80°C
-	TORK-FK80 DR	DN80	-20..+80°C	-20..+80°C



3/2 way
N.C.

Solenoid Valves Coils

COILS

C40 SERIES (STANDARD)

Model No	Coil Voltage	Power	Protection Class	
C40230VAC15VA	230 VAC	15VA	IP65	
C40230VAC24VA	230 VAC	24VA	IP65	
C40110VAC15VA	110 VAC	15VA	IP65	
C40024VAC15VA	24 VAC	15VA	IP65	
C40012VAC15VA	12 VAC	15VA	IP65	
C40024VDC18W	24 VDC	18W	IP65	
C40012VDC18W	12 VDC	18W	IP65	



C40

Standard Coil

COILS

C42 SERIES (IP68)

Model No	Coil Voltage	Power	Protection Class	
C42230VAC15VA	230 VAC	15VA	IP68	
C42230VAC24VA	230 VAC	24VA	IP68	
C42110VAC15VA	110 VAC	15VA	IP68	
C42024VAC15VA	24 VAC	15VA	IP68	
C42012VAC15VA	12 VAC	15VA	IP68	
C42024VDC18W	24 VDC	18W	IP68	
C42012VDC18W	12 VDC	18W	IP68	

Note: Prefer for the humidity area and underwater applications.



C42

COILS

C20 (TORK-SB 20) SERIES (MINI)

Model No	Coil Voltage	Power	Protection Class	
C20230VAC7.5VA	230 VAC	7.5VA	IP65	
C202110VAC8.6VA	110 VAC	8.6VA	IP65	
C20024VAC7.5VA	24 VAC	7.1VA	IP65	
C20024VDC5.5W	24 VDC	5.5W	IP65	
C20012VDC4.6W	12 VDC	4.6W	IP65	

Application: S1060 series and namur solenoid valve.



C20

Mini Coil

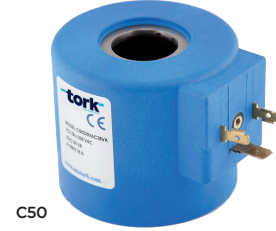
Solenoid Valve and Accessories

COILS

C50 SERIES (BIG COIL)

Model No	Coil Voltage	Power	Protection Class	
C50230VAC35VA	230 VAC	35VA	IP65	
C50110VAC35VA	110 VAC	35VA	IP65	
C50048VAC35VA	48 VAC	35VA	IP65	
C50024VAC35VA	24 VAC	35VA	IP65	
C50012VAC35VA	12 VAC	35VA	IP65	
C50110VDC25W	110 VDC	25W	IP65	
C50048VDC25W	48 VDC	25W	IP65	
C50024VDC25W	24 VDC	25W	IP65	
C50012VDC25W	12 VDC	25W	IP65	

Note: Used for vacuum and high pressure applications. 230VAC and 42VA power coil is available on request.



C50

PROTECTION DIODE COILS AND SOCKETS

C44 SERIES (REVERSE DIODE COIL)

Model No	Coil Voltage	Power	Protection Class	
C44012VDC18W	12 VDC	18W	IP65	
C44024VDC18W	24 VDC	18W	IP65	
C44048VDC18W	48 VDC	18W	IP65	
C44110VDC18W	110 VDC	18W	IP65	



C44

C45 SERIES (REVERSE DIODE COIL)

Model No	Coil Voltage	Power	Protection Class	
C45012VDC18W	12 VDC	18W	IP65	
C45024VDC18W	24 VDC	18W	IP65	
C45048VDC18W	48 VDC	18W	IP65	
C45110VDC18W	110 VDC	18W	IP65	

Note: Protection diode coils; used for not to harm and protect the electronic cards in the process which controls the solenoid valves from the reverse voltage occurs in solenoid coil. There are two types. Choose according to application.



C45

Solenoid Valve Accessories (Exproof, Flame Proof Series)

EX-PROOF and FLAME PROOF COILS

C41 SERIES (TORK-Ex SB 41) EX-PROOF (ATEX)

Model No	Coil Voltage	Power	Protection Class
C41230VAC15VA	230 VAC	15VA	II 2 G Ex mb IIC T4 IP67
C41230VAC24VA	230 VAC	24VA	II 2 G Ex mb IIC T4 IP67
C41110VAC15VA	110 VAC	15VA	II 2 G Ex mb IIC T4 IP67
C41024VAC15VA	24 VAC	15VA	II 2 G Ex mb IIC T4 IP67
C41012VAC15VA	12 VAC	15VA	II 2 G Ex mb IIC T4 IP67
C41024VDC18W	24 VDC	18W	II 2 G Ex mb IIC T4 IP67
C41012VDC18W	12 VDC	18W	II 2 G Ex mb IIC T4 IP67

Note: On request, 380/ 240/ 230/ 48 VAC, 110/ 48/ 196/ 85/ 72 VDC voltages can be produced.



C21 (TORK-Ex SB21) SERIES EX-PROOF (MINI ATEX)

Model No	Coil Voltage	Power	Protection Class
C21230VAC7.5VA	230 VAC	7.5VA	Exx M II T4 IP65
C21110VAC3VA	110 VAC	3VA	Exx M II T4 IP65
C21024VAC7.5VA	24 VAC	7.5VA	Exx M II T4 IP65
C20024VDC5W	24 VDC	5W	Exx M II T4 IP65



C43 SERIES ATEX D CLASS FLAME PROOF ZONE 1 ZONE 2 COILS

Model No	Coil Voltage	Power	Protection Class
C43230VAC15VA	230 VAC	15VA	II 2 G Ex d II C T4 IP67
C43230VAC24VA	230 VAC	24VA	II 2 G Ex d II C T4 IP67
C43110VAC15VA	110 VAC	15VA	II 2 G Ex d II C T4 IP67
C43024VAC15VA	24 VAC	15VA	II 2 G Ex d II C T4 IP67
C43012VAC15VA	12 VAC	15VA	II 2 G Ex d II C T4 IP67
C43024VDC18W	24 VDC	18W	II 2 G Ex d II C T4 IP67
C430012VDC18W	12 VDC	18W	II 2 G Ex d II C T4 IP67



C46 SERIES ATEX M CLASS THERMIC ZONE 1 ZONE 2 COILS

Model No	Coil Voltage	Power	Protection Class
C46230VAC15VA	230 VAC	15VA	Ex II 2G Ex mb IIC T5 Gb, IP67
C46230VAC24VA	230 VAC	24VA	Ex II 2G Ex mb IIC T5 Gb, IP67
C46120VAC15VA	110 VAC	15VA	Ex II 2G Ex mb IIC T5 Gb, IP67
C46024VAC15VA	24 VAC	15VA	Ex II 2G Ex mb IIC T5 Gb, IP67
C46012VAC15VA	12 VAC	15VA	Ex II 2G Ex mb IIC T5 Gb, IP67
C46024VAC18W	24 VDC	18W	Ex II 2G Ex mb IIC T5 Gb, IP67
C46012VAC18W	12 VDC	18W	Ex II 2G Ex mb IIC T5 Gb, IP67



Solenoid Valve Accessories

SOCKETS

TORK-SK SERIES SOCKETS

Model No	Coil Type	Standart	Description
C80	C40, C50	DIN 43650 IP65	Standard (Big)
C85	C20	DIN 43650 IP65	Standard (Small)
C81	C40, C50	DIN 43650 IP65	LED (Big)
C86	C20	DIN 43650 IP65	LED (Big)
C82	C40, C50	DIN 43650 IP65	PVM (Big) Power Save Socket
C87	C20	DIN 43650 IP65	PVM (Small) Power Save Socket
C90	C40, C50	DIN 43650 IP65	Timer Controlled Socket

Note: PVM sockets provide %88 power save. C (88)

Note: If you want to make automatic on-off in a certain period, as an alternative to standard timers, C90 series timer controlled socket can be used. Compare to standard timers, less space and more easy to use.



PROPORTIONAL SOLENOID VALVE CARD

PROPORTIONAL SOLENOID CARD C-97 SERIES

Model No	Description
C-97 Series	Power Supply: 12-24VDC Input Signal: 4-20mA

PS: If you want solenoid valves to be worked as proportional, need a proportional card unit. Also solenoid valves design must be convenient to proportional control. Suitable for DC voltage coil of solenoid valves.



TIMER ACCESSORIES

C93/C94 TIMER SERIES - Mono out Time Relay

Model No	New Model No	Wait Time	Discharge Time
"TORK-Z 720 - (Standard Coil)"	C93	0.5 min..45 min.	0.5 sn..10 sec.
"TORK-Z 790 - (Mini Coil)"	C94	0.5 min..45 min.	0.5 sn..10 sec.
"TORK-Z 795 - (Standard Coil Digital Type)"	C96	66 ms..9999 sa	66 ms..9999 h.
"TORK-Z 980 - (Time Adjustment Socket)"	C90	0.5 min..45 min.	0.5 sn..10 sec.



Solenoid Valve Spare Parts

DIAPHRAGMS

General Purpose Group

Model Code	Diaphragm Code	Model Code	Diaphragm Code
SI010.02	DYS28YT038100-N	SI031.02	DYS28MT000038-N
SI010.03	DYS28YT038100-N	SI031.03	DYS28MT000012-N
SI010.04	DYS28YT038100-N	SI031.04	DYS28LT000034-N
SI010.05	DYS28YT038100-N	SI031.05	DYS28LT000100-N
SI010.06	DYS28LT000114-N	SI014.02	DYS28ET038100-08-VT
SI010.07	DYS28LT000112-N	SI014.03	DYS28ET038100-08-VT
SI010.08	DYS28LT000200-N	SI014.04	DYS28ET038100-08-VT
SI030.02	DYS28MT000038-N	SI014.05	DYS28ET038100-08-VT
SI030.03	DYS28MT000012-N	SI071.02	DYF300ZHAV040
SI030.04	DYS28LT000034-N	SI071.03	DYF300ZHAV040
SI030.05	DYS28LT000100-N	SI071.04	DYF300ZHAV040
SI030.06	DYS28LT000114-N	SI071.05	DYF300ZHAV040
SI030.07	DYS28LT000112-N	SI077.00	DYF300ZHAV040
SI030.08	DYS28LT000200-N	SI077.01	DYF300ZHAV040
SI013.02	DYS28ET038100-10-VT	SI078.00	DYF300ZHAV040
SI013.03	DYS28ET038100-10-VT	SI078.01	DYF300ZHAV040
SI013.04	DYS28ET038100-10-VT	SI020.02	DYS28ZT038100-N
SI013.05	DYS28ET038100-10-VT	SI020.03	DYS28ZT038100-N
SI070.02	DYF300ZHAV040	SI020.04	DYS28ZT038100-N
SI070.03	DYF300ZHAV040	SI020.05	DYS28ZT038100-N
SI070.04	DYF300ZHAV040	SI021.02	DYS28ZT038100-N
SI070.05	DYF300ZHAV040	SI021.03	DYS28ZT038100-N
SI060.02	DYS28MT038100-N	SI021.04	DYS28ZT038100-N
SI060.03	DYS28MT038100-N	SI021.05	DYS28ZT038100-N
SI060.04	DYS28MT038100-N	SI040.02	DYS28MT038100-N
SI060.05	DYS28MT038100-N	SI040.03	DYS28MT038100-N
SI011.02	DYS28YT038100-N	SI040.04	DYS28MT038100-N
SI011.03	DYS28YT038100-N	SI040.05	DYS28MT038100-N
SI011.04	DYS28YT038100-N	SI041.02	DYS28MT038100-N
SI011.05	DYS28YT038100-N	SI041.03	DYS28MT038100-N
SI011.06	DYS28LT000114-N	SI041.04	DYS28MT038100-N
SI011.07	DYS28LT000112-N	SI041.05	DYS28MT038100-N
SI011.08	DYS28LT000200-N	SI092.02	DYS28MZ038100-N
SI012.02	DYS28YT038100-N	SI092.03	DYS28MZ038100-N
SI012.03	DYS28YT038100-N	SI092.04	DYS28LZ000034-N
SI012.04	DYS28YT038100-N	SI092.05	DYS28LZ000100-N
SI012.05	DYS28YT038100-N		



DYS28YT038100-N



DYS28LT000114-N



DYS28ET038100-10-VT



DYF300ZHAV040



DYS28MT038100-N



DYS28LT000100-N



DYS28ZT038100-N



DYS28LZ000034-N

Solenoid Valve Spare Parts

DIAPHRAGMS

Steam Group

Model Code	Diaphragm Code	Model Code	Diaphragm Code
S2010.02	DYS28BT038100-2	S2011.04	DYS28BT038100-1
S2010.03	DYS28BT038100-2	S2011.05	DYS28BT038100-1
S2010.04	DYS28BT038100-2	S2011.06	DYS28LT000114-E
S2010.05	DYS28BT038100-2	S2011.07	DYS28LT000112-E
S2010.02	DYS28BT038100-1 (OLD)	S2011.08	DYS28LT000200-E
S2010.03	DYS28BT038100-1 (OLD)	S2031.02	DYS28MV038100-E
S2010.04	DYS28BT038100-1 (OLD)	S2031.03	DYS28MV038100-E
S2010.05	DYS28BT038100-1 (OLD)	S2031.04	DYS28LT000034-E
S2010.06	DYS28LT000114-E	S2031.05	DYS28LV000100-E
S2010.07	DYS28LT000112-E	S2031.06	DYS28LT000114-E
S2010.08	DYS28LT000200-E	S2031.07	DYS28LT000112-E
S2030.02	DYS28MT038100-E	S2031.08	DYS28LT000200-E
S2030.03	DYS28MT038100-E	S2012.02	DYS28BT038100-1
S2030.04	DYS28LT000034-E	S2012.03	DYS28BT038100-1
S2030.05	DYS28LV000100-E	S2012.04	DYS28BT038100-1
S2030.06	DYS28LT000114-E	S2012.05	DYS28BT038100-1
S2030.07	DYS28LT000112-E	S2012.06	DYS28LT000114-E
S2030.08	DYS28LT000200-E	S2012.07	DYS28LT000112-E
S2040.02	DYS28MT038100-E	S2012.08	DYS28LT000200-E
S2040.03	DYS28MT038100-E	S2041.02	DYS28MT038100-E
S2040.04	DYS28MT038100-E	S2041.03	DYS28MT038100-E
S2040.05	DYS28MT038100-E	S2041.04	DYS28MT038100-E
S2013.02	DYS28BT038100-1	S2041.05	DYS28MT038100-E
S2013.03	DYS28BT038100-1	S2020.02	DYS28BZ038100
S2013.04	DYS28BT038100-1	S2020.03	DYS28BZ038100
S2013.05	DYS28BT038100-1	S2020.04	DYS28BZ038100
S2093.02	DYS28BT038100-1	S2020.05	DYS28BZ038100
S2093.03	DYS28BT038100-1	S2021.02	DYS28BZ038100
S2093.04	DYS28BT038100-1	S2021.03	DYS28BZ038100
S2093.05	DYS28BT038100-1	S2021.04	DYS28BZ038100
S2011.02	DYS28BT038100-1	S2021.05	DYS28BZ038100
S2011.03	DYS28BT038100-1		

Vacuum Group

Model Code	Diaphragm Code	Model Code	Diaphragm Code
S3010.02	DYS28VT038100-N	S3030.02	DYS28MV038100-N
S3010.03	DYS28VT038100-N	S3030.03	DYS28MV038100-N
S3010.04	DYS28VT038100-N	S3030.04	DYS28LV000034-V
S3010.05	DYS28VT038100-N	S3030.05	DYS28LV000100-V



DYS28BT038100-2



DYS28BZ038100



DYS28VT038100-N



DYS28LV000100-V

Solenoid Valves Spare Parts

DIAPHRAGMS

Fuel-Oil Group

Model Code	Diaphragm Code	Model Code	Diaphragm Code
S4010.02	DYS28YT038100-V	S4011.06	DYS28LT000114-V
S4010.03	DYS28YT038100-V	S4011.07	DYS28LT000112-V
S4010.04	DYS28YT038100-V	S4011.08	DYS28LT000200-V
S4010.05	DYS28YT038100-V	S4031.02	DYS28MT038100-V
S4010.06	DYS28LT000114-V	S4031.03	DYS28MT038100-V
S4010.07	DYS28LT000112-V	S4031.04	DYS28LT000034-V
S4010.08	DYS28LT000200-V	S4031.05	DYS28LT000100-V
S4030.02	DYS28MT038100-V	S4031.06	DYS28LT000114-V
S4030.03	DYS28MT038100-V	S4031.07	DYS28LT000112-V
S4030.04	DYS28LT000034-V	S4031.08	DYS28LT000200-V
S4030.05	DYS28LT000100-V	S4012.02	DYS28YT038100-V
S4030.06	DYS28LT000114-V	S4012.03	DYS28YT038100-V
S4030.07	DYS28LT000112-V	S4012.04	DYS28YT038100-V
S4030.08	DYS28LT000200-V	S4012.05	DYS28YT038100-V
S4013.02	DYS28ET038100-10-VT	S4012.06	DYS28LT000114-V
S4013.03	DYS28ET038100-10-VT	S4012.07	DYS28LT000112-V
S4013.04	DYS28ET038100-10-VT	S4012.08	DYS28LT000200-V
S4013.05	DYS28ET038100-10-VT	S4021.02	DYS28ZT038100-V
S4020.02	DYS28ZT038100-V	S4021.03	DYS28ZT038100-V
S4020.03	DYS28ZT038100-V	S4021.04	DYS28ZT038100-V
S4020.04	DYS28ZT038100-V	S4021.05	DYS28ZT038100-V
S4020.05	DYS28ZT038100-V	S4014.02	DYS28ET038100-08-VT
S4011.02	DYS28YT038100-V	S4014.03	DYS28ET038100-08-VT
S4011.03	DYS28YT038100-V	S4014.04	DYS28ET038100-08-VT
S4011.04	DYS28YT038100-V	S4014.05	DYS28ET038100-08-VT
S4011.05	DYS28YT038100-V		

Compressor Group

Model Code	Diaphragm Code	Model Code	Diaphragm Code
S5010.02	DYS28ET038100-10-VV	S5014.02	DYS28ET038100-08-VT
S5010.03	DYS28ET038100-10-VV	S5014.03	DYS28ET038100-08-VT
S5010.04	DYS28ET038100-10-VV	S5014.04	DYS28ET038100-08-VT
S5010.05	DYS28ET038100-10-VV	S5014.05	DYS28ET038100-08-VT
S5013.02	DYS28ET038100-10-VT	S5016.02	DYS28ET038100-10-VV
S5013.03	DYS28ET038100-10-VT	S5016.03	DYS28ET038100-10-VV
S5013.04	DYS28ET038100-10-VT	S5016.04	DYS28ET038100-10-VV
S5013.05	DYS28ET038100-10-VT	S5016.05	DYS28ET038100-10-VV
S5040.02	DYS28MT038100-V	S5019.02	DYS28ET038100-08-VT
S5040.03	DYS28MT038100-V	S5019.03	DYS28ET038100-08-VT
S5040.04	DYS28MT038100-V	S5019.04	DYS28ET038100-08-VT
S5040.05	DYS28MT038100-V	S5019.05	DYS28ET038100-08-VT
S5012.02	DYS28ET038100-10-VV	S5041.02	DYS28MT038100-V
S5012.03	DYS28ET038100-10-VV	S5041.03	DYS28MT038100-V
S5012.04	DYS28ET038100-10-VV	S5041.04	DYS28MT038100-V
S5012.05	DYS28ET038100-10-VV	S5041.05	DYS28MT038100-V



DYS28YT038100-V



DYS28LT000034-V



DYS28ZT038100-V



DYS28ET038100-VV



DYS28ET038100-10-VT

Solenoid Valves Spare Parts

TUBES

General Purpose Group

Model Code	Tube Code	Model Code	Tube Code
SI010.00	KVNSLNKSS-N	SI030.20	KVNSLNA3Y-18-N
SI010.01	KVNSLNKSS-N	SI081.10	KVNSLNA3Y-10-V
SI010.02	KVNSLNKSS-N	SI081.12	KVNSLNA3Y-10-V
SI010.03	KVNSLNKSS-N	SI081.18	KVNSLNA3Y-10-V
SI010.04	KVNSLNKSS-N	SI081.20	KVNSLNA3Y-10-V
SI010.05	KVNSLNKSS-N	SI013.02	KVNSLNKSS-V
SI010.06	KVNSLNKSS-N	SI013.03	KVNSLNKSS-V
SI010.07	KVNSLNKSS-N	SI013.04	KVNSLNKSS-V
SI010.08	KVNSLNKSS-N	SI013.05	KVNSLNKSS-V
SI013.00	KVNSLNKSS-V	SI070.02	KVNSLNKSS-N
SI013.01	KVNSLNKSS-V	SI070.03	KVNSLNKSS-N
SI060.00	KVN26NKMTO000	SI070.04	KVNSLNKSS-N
SI060.01	KVN26NKMTO000	SI070.05	KVNSLNKSS-N
SI082.01	KVN26NKMTO000	SI060.02	KVN26NKMTO000
SI065.01	KVN26NAMT003Y	SI060.03	KVN26NKMTO000
SI011.00	KVNSLNATK	SI060.04	KVN26NKMTO000
SI011.01	KVNSLNATK	SI060.05	KVN26NKMTO000
SI011.02	KVNSLNATK	SI012.02	KVNSLNA3Y-18-N
SI011.03	KVNSLNATK	SI012.03	KVNSLNA3Y-18-N
SI011.04	KVNSLNATK	SI012.04	KVNSLNA3Y-18-N
SI011.05	KVNSLNATK	SI012.05	KVNSLNA3Y-18-N
SI011.06	KVNSLNATK	SI031.02	KVNSLNATK
SI011.07	KVNSLNATK	SI031.03	KVNSLNATK
SI011.08	KVNSLNATK	SI031.04	KVNSLNATK
SI050.02	KVNSLNKSS-N	SI031.05	KVNSLNATK
SI050.03	KVNSLNKSS-N	SI031.06	KVNSLNATK
SI051.03	KVNSLNATK	SI031.07	KVNSLNATK
SI051.05	KVNSLNATK	SI031.08	KVNSLNATK
SI015.00.018	KVNSLNA3Y-18-N	SI014.02	KVNSLNA3Y-10-V
SI015.00.025	KVNSLNA3Y-25-N	SI014.03	KVNSLNA3Y-10-V
SI015.01.018	KVNSLNA3Y-18-N	SI014.04	KVNSLNA3Y-10-V
SI015.01.025	KVNSLNA3Y-25-N	SI014.05	KVNSLNA3Y-10-V
SI017.00.010	KVNSLNA3Y-10-N	SI071.02	KVNSLNA3Y-10-N
SI017.00.018	KVNSLNA3Y-18-N	SI071.03	KVNSLNA3Y-10-N
SI017.00.025	KVNSLNA3Y-25-N	SI071.04	KVNSLNA3Y-10-N
SI017.01.010	KVNSLNA3Y-10-N	SI071.05	KVNSLNA3Y-10-N
SI017.01.018	KVNSLNA3Y-18-N	SI077.00	KVNSLNKSS-N
SI017.01.025	KVNSLNA3Y-25-N	SI077.01	KVNSLNKSS-N
SI018.00.018	KVNSLNKSS-N	SI078.00	KVNSLNA3Y-10-V
SI018.00.025	KVNSLNKSS-N	SI078.01	KVNSLNA3Y-10-V
SI018.00.035	KVNSLNKSS-N	SI020.02	KVNSLNKSS-N
SI018.01.018	KVNSLNKSS-N	SI020.03	KVNSLNKSS-N
SI018.01.025	KVNSLNKSS-N	SI020.04	KVNSLNKSS-N
SI018.01.035	KVNSLNKSS-N	SI020.05	KVNSLNKSS-N
SI016.00.015	KVNSLNANA	SI021.02	KVNSLNATK
SI016.01.015	KVNSLNANA	SI021.03	KVNSLNATK
SI030.02	KVNSLNKSS-N	SI021.04	KVNSLNATK
SI030.03	KVNSLNKSS-N	SI021.05	KVNSLNATK
SI030.04	KVNSLNKSS-N	SI040.02	KVNSLNKTS
SI030.05	KVNSLNKSS-N	SI040.03	KVNSLNKTS
SI030.06	KVNSLNKSS-N	SI040.04	KVNSLNKTS
SI030.07	KVNSLNKSS-N	SI040.05	KVNSLNKTS
SI030.08	KVNSLNKSS-N	SI041.02	KVNSLNKSS-N
SI030.09	KVNSLNA3Y-18-N	SI041.03	KVNSLNKSS-N
SI030.10	KVNSLNA3Y-18-N	SI041.04	KVNSLNKSS-N
SI033.09	KVNSLNA3Y-10-V	SI041.05	KVNSLNKSS-N
SI033.10	KVNSLNA3Y-10-V	SI092.02	KVNSLNKSS-N
SI079.10	KVNSLNA3Y-18-N	SI092.03	KVNSLNKSS-N
SI079.12	KVNSLNA3Y-18-N	SI092.04	KVNSLNKSS-N
SI030.18	KVNSLNA3Y-18-N	SI092.05	KVNSLNKSS-N

Solenoid Valves Spare Parts

TUBES

Steam Group

Model Code	Tube Code		Model Code	Tube Code	
S2010.00	KVNSLNKSS-V		S2013.02	KVNSLNKSS-V	
S2010.01	KVNSLNKSS-V		S2013.03	KVNSLNKSS-V	
S2010.02	KVNSLNKSS-V		S2013.04	KVNSLNKSS-V	
S2010.03	KVNSLNKSS-V		S2013.05	KVNSLNKSS-V	
S2010.04	KVNSLNKSS-V		S2093.02	KVNSLNKSS-V	
S2010.05	KVNSLNKSS-V		S2093.03	KVNSLNKSS-V	
S2010.06	KVNSLNKSS-V		S2093.04	KVNSLNKSS-V	
S2010.07	KVNSLNKSS-V		S2093.05	KVNSLNKSS-V	
S2010.08	KVNSLNKSS-V		S2031.02	KVNSLNATK-V	
S2090.00	KVNSLNKSS-V		S2031.03	KVNSLNATK-V	
S2090.01	KVNSLNKSS-V		S2031.04	KVNSLNATK-V	
S2091.02	KVNSLNKSS-V		S2031.05	KVNSLNATK-V	
S2091.03	KVNSLNKSS-V		S2031.06	KVNSLNATK-V	
S2092.02	KVNSLNKSS-V		S2031.07	KVNSLNATK-V	
S2092.03	KVNSLNKSS-V		S2031.08	KVNSLNATK-V	
S2011.00	KVNSLNATK-V		S2012.02	KVNSLNA3Y-25-V	
S2011.01	KVNSLNATK-V		S2012.03	KVNSLNA3Y-25-V	
S2011.02	KVNSLNATK-V		S2012.04	KVNSLNA3Y-25-V	
S2011.03	KVNSLNATK-V		S2012.05	KVNSLNA3Y-25-V	
S2011.04	KVNSLNATK-V		S2012.06	KVNSLNA3Y-25-V	
S2011.05	KVNSLNATK-V		S2012.07	KVNSLNA3Y-25-V	
S2011.06	KVNSLNATK-V		S2012.08	KVNSLNA3Y-25-V	
S2011.07	KVNSLNATK-V		S2041.02	KVNSLNATK-V	
S2011.08	KVNSLNATK-V		S2041.03	KVNSLNATK-V	
S2030.02	KVNSLNKSS-V		S2041.04	KVNSLNATK-V	
S2030.03	KVNSLNKSS-V		S2041.05	KVNSLNATK-V	
S2030.04	KVNSLNKSS-V		S2020.02	KVNSLNKSS-V	
S2030.05	KVNSLNKSS-V		S2020.03	KVNSLNKSS-V	
S2030.06	KVNSLNKSS-V		S2020.04	KVNSLNKSS-V	
S2030.07	KVNSLNKSS-V		S2020.05	KVNSLNKSS-V	
S2030.08	KVNSLNKSS-V		S2021.02	KVNSLNATK-V	
S2040.02	KVNSLNKSS-V		S2021.03	KVNSLNATK-V	
S2040.03	KVNSLNKSS-V		S2021.04	KVNSLNATK-V	
S2040.04	KVNSLNKSS-V		S2021.05	KVNSLNATK-V	
S2040.05	KVNSLNKSS-V				

Vacuum Group

Model Code	Tube Code		Model Code	Tube Code	
S3010.00	KVNSLNKSS-V		S3030.00	KVNSLNKSS-V	
S3010.01	KVNSLNKSS-V		S3030.01	KVNSLNKSS-V	
S3010.02	KVNSLNKSS-V		S3030.02	KVNSLNKSS-V	
S3010.03	KVNSLNKSS-V		S3030.03	KVNSLNKSS-V	
S3010.04	KVNSLNKSS-V		S3030.04	KVNSLNKSS-V	
S3010.05	KVNSLNKSS-V		S3030.05	KVNSLNKSS-V	

Solenoid Valve Spare Parts

TUBES

Fuel-Oil Group

Model Code	Tube Code	Model Code	Tube Code
S4010.00	KVNSLNKSS-V	S4020.03	KVNSLNKSS-V
S4010.01	KVNSLNKSS-V	S4020.04	KVNSLNKSS-V
S4010.02	KVNSLNKSS-V	S4020.05	KVNSLNKSS-V
S4010.03	KVNSLNKSS-V	S4011.02	KVNSLNATK-V
S4010.04	KVNSLNKSS-V	S4011.03	KVNSLNATK-V
S4010.05	KVNSLNKSS-V	S4011.04	KVNSLNATK-V
S4010.06	KVNSLNKSS-V	S4011.05	KVNSLNATK-V
S4010.07	KVNSLNKSS-V	S4011.06	KVNSLNATK-V
S4010.08	KVNSLNKSS-V	S4011.07	KVNSLNATK-V
S4013.00	KVNSLNKSS-V	S4011.08	KVNSLNATK-V
S4013.01	KVNSLNKSS-V	S4031.02	KVNSLNATK-V
S4013.02	KVNSLNKSS-V	S4031.03	KVNSLNATK-V
S4013.03	KVNSLNKSS-V	S4031.04	KVNSLNATK-V
S4013.04	KVNSLNKSS-V	S4031.05	KVNSLNATK-V
S4013.05	KVNSLNKSS-V	S4031.06	KVNSLNATK-V
S4083.032	KVNSLNKSS-V	S4031.07	KVNSLNATK-V
S4011.00	KVNSLNKSS-V	S4031.08	KVNSLNATK-V
S4011.01	KVNSLNKSS-V	S4012.02	KVNSLNA3Y-25-V
S4011.02	KVNSLNKSS-V	S4012.03	KVNSLNA3Y-25-V
S4011.03	KVNSLNKSS-V	S4012.04	KVNSLNA3Y-25-V
S4011.04	KVNSLNKSS-V	S4012.05	KVNSLNA3Y-25-V
S4011.05	KVNSLNKSS-V	S4012.06	KVNSLNA3Y-25-V
S4015.00	KVNSLNA3Y-25-V	S4012.07	KVNSLNA3Y-25-V
S4015.01	KVNSLNA3Y-25-V	S4012.08	KVNSLNA3Y-25-V
S4085.018	KVNSLNA3Y-18-V	S4021.02	KVNSLNATK-V
S4030.02	KVNSLNKSS-V	S4021.03	KVNSLNATK-V
S4030.03	KVNSLNKSS-V	S4021.04	KVNSLNATK-V
S4030.04	KVNSLNKSS-V	S4021.05	KVNSLNATK-V
S4030.05	KVNSLNKSS-V	S4014.02	KVNSLNA3Y-10-V
S4030.06	KVNSLNKSS-V	S4014.03	KVNSLNA3Y-10-V
S4030.07	KVNSLNKSS-V	S4014.04	KVNSLNA3Y-10-V
S4030.08	KVNSLNKSS-V	S4014.05	KVNSLNA3Y-10-V
S4020.02	KVNSLNKSS-V		



KVNSLNKSS-N



KVNSLNATK



KVNSLNA3Y-18-N



KVNSLNKTS

Solenoid Valves Spare Parts

TUBES

Compressor Group

Model Code	Tube Code		Model Code	Tube Code	
S5010.00	KVNSLNKSS-V		S5074.018	KVN26NKMTO000	
S5010.01	KVNSLNKSS-V		S5018.00.018	KVNSLNKSS-V	
S5010.02	KVNSLNKSS-V		S5018.00.025	KVNSLNKSS-V	
S5010.03	KVNSLNKSS-V		S5018.00.035	KVNSLNKSS-V	
S5010.04	KVNSLNKSS-V		S5018.01.018	KVNSLNKSS-V	
S5010.05	KVNSLNKSS-V		S5018.01.025	KVNSLNKSS-V	
S5013.00	KVNSLNKSS-V		S5018.01.035	KVNSLNKSS-V	
S5013.01	KVNSLNKSS-V		S5040.02	KVNSLNKSS-V	
S5013.02	KVNSLNKSS-V		S5040.03	KVNSLNKSS-V	
S5013.03	KVNSLNKSS-V		S5040.04	KVNSLNKSS-V	
S5013.04	KVNSLNKSS-V		S5040.05	KVNSLNKSS-V	
S5013.05	KVNSLNKSS-V		S5012.02	KVNSLNA3Y-18-V	
S5078.00	KVNSLNKSS-V		S5012.03	KVNSLNA3Y-18-V	
S5078.01	KVNSLNKSS-V		S5012.04	KVNSLNA3Y-18-V	
S5078.02	KVNSLNKSS-V		S5012.05	KVNSLNA3Y-18-V	
S5078.03	KVNSLNKSS-V		S5014.02	KVNSLNA3Y-10-V	
S5078.04	KVNSLNKSS-V		S5014.03	KVNSLNA3Y-10-V	
S5078.05	KVNSLNKSS-V		S5014.04	KVNSLNA3Y-10-V	
S5073.018	KVN26NKMTO000		S5014.05	KVNSLNA3Y-10-V	
S5079.00	KVNSLNATK-V		S5016.02	KVNSLNA3Y-18-V	
S5079.01	KVNSLNATK-V		S5016.03	KVNSLNA3Y-18-V	
S5079.02	KVNSLNATK-V		S5016.04	KVNSLNA3Y-18-V	
S5079.03	KVNSLNATK-V		S5016.05	KVNSLNA3Y-18-V	
S5079.04	KVNSLNATK-V		S5019.02	KVNSLNA3Y-10-V	
S5079.05	KVNSLNATK-V		S5019.03	KVNSLNA3Y-10-V	
S5015.00.010	KVNSLNA3Y-10-V		S5019.04	KVNSLNA3Y-10-V	
S5015.01.010	KVNSLNA3Y-10-V		S5019.05	KVNSLNA3Y-10-V	
S5080.00.018	KVNSLNA3Y-18-V		S5041.02	KVNSLNATK-V	
S5080.00.025	KVNSLNA3Y-25-V		S5041.03	KVNSLNATK-V	
S5080.01.018	KVNSLNA3Y-18-V		S5041.04	KVNSLNATK-V	
S5080.01.025	KVNSLNA3Y-25-V		S5041.05	KVNSLNATK-V	

Stainless Steel Group

Model Code	Tube Code		Model Code	Tube Code	
SS1010.00	KVNSLNKSS-V		SS1010.05	KVNSLNKSS-V	
SS1010.01	KVNSLNKSS-V		SS1011.00.025	KVNSLNATK-V	
SS1010.02	KVNSLNKSS-V		SS1011.00.032	KVNSLNATK-V	
SS1010.03	KVNSLNKSS-V		SS1011.01.025	KVNSLNATK-V	
SS1010.04	KVNSLNKSS-V		SS1011.01.032	KVNSLNATK-V	

Solenoid Valve Spare Parts

PLUNGERS

General Purpose Group

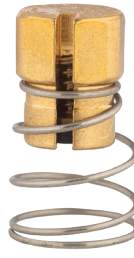
Model Code	Plunger Code		Model Code	Plunger Code	
SI073.00	CEK1200CDIY073-N		SI050.02	CEK1500TDIY095-N	
SI073.01	CEK1200CDIY073-N		SI050.03	CEK1500TDIY095-N	
SI073.02	CEK1200CDIY073-N		SI050.02	CEK1285TDIY000-V	
SI073.03	CEK1200CDIY073-N		SI050.03	CEK1285TDIY000-V	
SI010.00	CEK1285TDIY058-N		SI051.03	CEK12HXTDIY060-V	
SI010.01	CEK1285TDIY058-N		SI051.05	CEK12HXTDIY060-V	
SI010.02	CEK1285TDIY058-N		SI015.00.018	CEK1285CDIY073-V-085	
SI010.03	CEK1285TDIY058-N		SI015.00.025	CEK1285CDIY073-V-085	
SI010.04	CEK1285TDIY058-N		SI015.01.018	CEK1285CDIY073-V-085	
SI010.05	CEK1285TDIY058-N		SI015.01.025	CEK1285CDIY073-V-085	
SI010.06	CEK1285TDIY058-N		SI017.00.010	CEK1285CDIY073-V	
SI010.07	CEK1285TDIY058-N		SI017.00.018	CEK1285CDIY073-V	
SI010.08	CEK1285TDIY058-N		SI017.00.025	CEK1285CDIY073-V	
SI013.00	CEK1285TDIY058-V		SI017.01.010	CEK1285CDIY073-V	
SI013.01	CEK1285TDIY058-V		SI017.01.018	CEK1285CDIY073-V	
SI013.02	CEK1285TDIY058-V		SI017.01.025	CEK1285CDIY073-V	
SI013.03	CEK1285TDIY058-V		SI018.00.018	CEK1500TDIY072-V	
SI013.04	CEK1285TDIY058-V		SI018.00.025	CEK1500TDIY072-V	
SI013.05	CEK1285TDIY058-V		SI018.00.035	CEK1500TDIY072-V	
SI060.00	KOVAN+ÇEKİRDEK		SI018.01.018	CEK1500TDIY072-V	
SI060.01	KOVAN+ÇEKİRDEK		SI018.01.025	CEK1500TDIY072-V	
SI082.01	KOVAN+ÇEKİRDEK		SI018.01.035	CEK1500TDIY072-V	
SI065.01	KOVAN+ÇEKİRDEK		SI016.00.015	CEK12HXTDIY060-V	
SI011.00	CEK12HXTDIY060-V		SI016.01.015	CEK12HXTDIY060-V	
SI011.01	CEK12HXTDIY060-V		SI030.02	CEK1285TDIY058-N	
SI011.02	CEK12HXTDIY060-V		SI030.03	CEK1285TDIY058-N	
SI011.03	CEK12HXTDIY060-V		SI030.04	CEK1285TDIY058-N	
SI011.04	CEK12HXTDIY060-V		SI030.05	CEK1285TDIY058-N	
SI011.05	CEK12HXTDIY060-V		SI030.06	CEK1285TDIY058-N	
SI011.06	CEK12HXTDIY060-V		SI030.07	CEK1285TDIY058-N	
SI011.07	CEK12HXTDIY060-V		SI030.08	CEK1285TDIY058-N	
SI011.08	CEK12HXTDIY060-V		SI030.09	CEK1285TDIY058-N	
SI050.02	CEK1285TDIY073-N-085		SI030.10	CEK1285TDIY058-N	
SI050.03	CEK1285TDIY073-N-085		SI070.02	CEK1285TDIY058-V	



CEK1200CDIY073-N



CEK1285TDIY058-V



CEK12HXTDIY060-V



CEK1285TDIY073-V-085

Solenoid Valve Spare Parts

PLUNGERS

General Purpose Group

Model Code	Plunger Code		Model Code	Plunger Code	
SI070.03	CEK1285TD1Y058-V		SI071.02	CEK1285TD1Y000-U-V-H	
SI070.04	CEK1285TD1Y058-V		SI071.03	CEK1285TD1Y000-U-V-H	
SI070.05	CEK1285TD1Y058-V		SI071.04	CEK1285TD1Y000-U-V-H	
SI060.02	TUBE+PLUNGER		SI071.05	CEK1285TD1Y000-U-V-H	
SI060.03	TUBE+PLUNGER		SI077.00	CEK1285TD1Y058-V	
SI060.04	TUBE+PLUNGER		SI077.01	CEK1285TD1Y058-V	
SI060.05	TUBE+PLUNGER		SI078.00	CEK1285TD1Y000-U-V-H	
SI030.09	CEK1285CD1Y073-V		SI078.01	CEK1285TD1Y000-U-V-H	
SI030.10	CEK1285CD1Y073-V		SI020.02	CEK1285TD1Y058-V	
SI033.09	CEK1285CD1Y073-V		SI020.03	CEK1285TD1Y058-V	
SI033.10	CEK1285CD1Y073-V		SI020.04	CEK1285TD1Y058-V	
SI079.10	CEK1285CD1Y073-V		SI020.05	CEK1285TD1Y058-V	
SI079.12	CEK1285CD1Y073-V		SI021.02	CEK12HXTD1Y060-V	
SI030.18	CEK1285CD1Y073-V		SI021.03	CEK12HXTD1Y060-V	
SI030.20	CEK1285CD1Y073-V		SI021.04	CEK12HXTD1Y060-V	
SI081.10	CEK1285CD1Y073-V		SI021.05	CEK12HXTD1Y060-V	
SI081.12	CEK1285CD1Y073-V		SI040.02	CEK1285TD1Y058-N	
SI081.18	CEK1285CD1Y073-V		SI040.03	CEK1285TD1Y058-N	
SI081.20	CEK1285CD1Y073-V		SI040.04	CEK1285TD1Y058-N	
SI012.02	CEK1285TD1Y000-U-N		SI040.05	CEK1285TD1Y058-N	
SI012.03	CEK1285TD1Y000-U-N		SI041.02	CEK12HXTD1Y060-V	
SI012.04	CEK1285TD1Y000-U-N		SI041.03	CEK12HXTD1Y060-V	
SI012.05	CEK1285TD1Y000-U-N		SI041.04	CEK12HXTD1Y060-V	
SI031.02	CEK12HXTD1Y060-V		SI041.05	CEK12HXTD1Y060-V	
SI031.03	CEK12HXTD1Y060-V		SI079.06	CEK1285CD1Y073-V	
SI031.04	CEK12HXTD1Y060-V		SI079.07	CEK1285CD1Y073-V	
SI031.05	CEK12HXTD1Y060-V		SI079.08	CEK1285CD1Y073-V	
SI031.06	CEK12HXTD1Y060-V		SI080.06	CEK1285CD1Y073-V	
SI031.07	CEK12HXTD1Y060-V		SI080.07	CEK1285CD1Y073-V	
SI031.08	CEK12HXTD1Y060-V		SI080.08	CEK1285CD1Y073-V	
SI014.02	CEK1285TD1Y000-U-V-H		SI092.02	CEK1285TD1Y058-V	
SI014.03	CEK1285TD1Y000-U-V-H		SI092.03	CEK1285TD1Y058-V	
SI014.04	CEK1285TD1Y000-U-V-H		SI092.04	CEK1285TD1Y058-V	
SI014.05	CEK1285TD1Y000-U-V-H		SI092.05	CEK1285TD1Y058-V	

Solenoid Valve Spare Parts

PLUNGERS

Steam Group

Model Code	Plunger Code		Model Code	Plunger Code	
S2073.00	CEK1200CDIY073-V		S2040.04	CEK1285TDIY058-V	
S2073.01	CEK1200CDIY073-V		S2040.05	CEK1285TDIY058-V	
S2073.02	CEK1200CDIY073-V		S2013.02	CEK1285TDIY058-V	
S2073.03	CEK1200CDIY073-V		S2013.03	CEK1285TDIY058-V	
S2010.00	CEK1285TDIY058-V		S2013.04	CEK1285TDIY058-V	
S2010.01	CEK1285TDIY058-V		S2013.05	CEK1285TDIY058-V	
S2010.02	CEK1285TDIY058-V		S2093.02	CEK1285TDIY058-V	
S2010.03	CEK1285TDIY058-V		S2093.03	CEK1285TDIY058-V	
S2010.04	CEK1285TDIY058-V		S2093.04	CEK1285TDIY058-V	
S2010.05	CEK1285TDIY058-V		S2093.05	CEK1285TDIY058-V	
S2010.06	CEK1285TDIY058-V		S2031.02	CEK12HXTDIY060-V	
S2010.07	CEK1285TDIY058-V		S2031.03	CEK12HXTDIY060-V	
S2010.08	CEK1285TDIY058-V		S2031.04	CEK12HXTDIY060-V	
S2090.00	CEK1285TDIY058-V		S2031.05	CEK12HXTDIY060-V	
S2090.01	CEK1285TDIY058-V		S2031.06	CEK12HXTDIY060-V	
S2091.02	CEK1285TDIY058-V		S2031.07	CEK12HXTDIY060-V	
S2091.03	CEK1285TDIY058-V		S2031.08	CEK12HXTDIY060-V	
S2092.02	CEK1285TDIY058-V		S2012.02	CEK1285TDIY073-V-085	
S2092.03	CEK1285TDIY058-V		S2012.03	CEK1285TDIY073-V-085	
S2011.00	CEK12HXTDIY060-V		S2012.04	CEK1285TDIY073-V-085	
S2011.01	CEK12HXTDIY060-V		S2012.05	CEK1285TDIY073-V-085	
S2011.02	CEK12HXTDIY060-V		S2012.06	CEK1285TDIY073-V-085	
S2011.03	CEK12HXTDIY060-V		S2012.07	CEK1285TDIY073-V-085	
S2011.04	CEK12HXTDIY060-V		S2012.08	CEK1285TDIY073-V-085	
S2011.05	CEK12HXTDIY060-V		S2041.02	CEK12HXTDIY060-V	
S2011.06	CEK12HXTDIY060-V		S2041.03	CEK12HXTDIY060-V	
S2011.07	CEK12HXTDIY060-V		S2041.04	CEK12HXTDIY060-V	
S2011.08	CEK12HXTDIY060-V		S2041.05	CEK12HXTDIY060-V	
S2030.02	CEK1285TDIY058-V		S2020.02	CEK1285TDIY058-V	
S2030.03	CEK1285TDIY058-V		S2020.03	CEK1285TDIY058-V	
S2030.04	CEK1285TDIY058-V		S2020.04	CEK1285TDIY058-V	
S2030.05	CEK1285TDIY058-V		S2020.05	CEK1285TDIY058-V	
S2030.06	CEK1285TDIY058-V		S2021.02	CEK12HXTDIY060-V	
S2030.07	CEK1285TDIY058-V		S2021.03	CEK12HXTDIY060-V	
S2030.08	CEK1285TDIY058-V		S2021.04	CEK12HXTDIY060-V	
S2040.02	CEK1285TDIY058-V		S2021.05	CEK12HXTDIY060-V	
S2040.03	CEK1285TDIY058-V				

Vacuum Group

Model Code	Plunger Code		Model Code	Plunger Code	
S3010.00	CEK1285TDIY073-V-085		S3030.00	CEK1500TD2Y090-V	
S3010.01	CEK1285TDIY073-V-085		S3030.01	CEK1500TD2Y090-V	
S3010.02	CEK1500TD2Y090-V		S3030.02	CEK1500TD2Y090-V	
S3010.03	CEK1500TD2Y090-V		S3030.03	CEK1500TD2Y090-V	
S3010.04	CEK1500TD2Y090-V		S3030.04	CEK1500TD2Y090-V	
S3010.05	CEK1500TD2Y090-V		S3030.05	CEK1500TD2Y090-V	

Solenoid Valve Spare Parts

PLUNGERS

Fuel-Oil Group

Model Code	Plunger Code		Model Code	Plunger Code	
S4010.00	CEK1285TDIY050-R		S4030.07	CEK1285TDIY058-V	
S4010.01	CEK1285TDIY050-R		S4030.08	CEK1285TDIY058-V	
S4010.02	CEK1285TDIY058-V		S4020.02	CEK1285TDIY058-V	
S4010.03	CEK1285TDIY058-V		S4020.03	CEK1285TDIY058-V	
S4010.04	CEK1285TDIY058-V		S4020.04	CEK1285TDIY058-V	
S4010.05	CEK1285TDIY058-V		S4020.05	CEK1285TDIY058-V	
S4010.06	CEK1285TDIY058-V		S4011.02	CEK12HXTDIY060-V	
S4010.07	CEK1285TDIY058-V		S4011.03	CEK12HXTDIY060-V	
S4010.08	CEK1285TDIY058-V		S4011.04	CEK12HXTDIY060-V	
S4013.00	CEK1285TDIY058-V		S4011.05	CEK12HXTDIY060-V	
S4013.01	CEK1285TDIY058-V		S4011.06	CEK12HXTDIY060-V	
S4013.02	CEK1285TDIY058-V		S4011.07	CEK12HXTDIY060-V	
S4013.03	CEK1285TDIY058-V		S4011.08	CEK12HXTDIY060-V	
S4013.04	CEK1285TDIY058-V		S4031.02	CEK12HXTDIY060-V	
S4013.05	CEK1285TDIY058-V		S4031.03	CEK12HXTDIY060-V	
S4083.032	CEK1285TDIY050-R		S4031.04	CEK12HXTDIY060-V	
S4011.00	CEK1500CD0Y040-I		S4031.05	CEK12HXTDIY060-V	
S4011.01	CEK1500CD0Y040-I		S4031.06	CEK12HXTDIY060-V	
S4011.02	CEK1500CD0Y040-I		S4031.07	CEK12HXTDIY060-V	
S4011.03	CEK1500CD0Y040-I		S4031.08	CEK12HXTDIY060-V	
S4011.04	CEK1500CD0Y040-I		S4012.02	CEK1285TDIY000-U-V-H	
S4011.05	CEK1500CD0Y040-I		S4012.03	CEK1285TDIY000-U-V-H	
S4011.00	CEK1300CDTY048-R		S4012.04	CEK1285TDIY000-U-V-H	
S4011.01	CEK1300CDTY048-R		S4012.05	CEK1285TDIY000-U-V-H	
S4011.02	CEK1300CDTY048-R		S4012.06	CEK1285TDIY000-U-V-H	
S4011.03	CEK1300CDTY048-R		S4012.07	CEK1285TDIY000-U-V-H	
S4011.04	CEK1300CDTY048-R		S4012.08	CEK1285TDIY000-U-V-H	
S4011.05	CEK1300CDTY048-R		S4021.02	CEK12HXTDIY060-V	
S4015.00	CEK1285CD2Y050-R		S4021.03	CEK12HXTDIY060-V	
S4015.01	CEK1285CD2Y050-R		S4021.04	CEK12HXTDIY060-V	
S4085.018	CEK1285CD2Y050-R		S4021.05	CEK12HXTDIY060-V	
S4030.02	CEK1285TDIY058-V		S4014.02	CEK1285TDIY000-U-V-H	
S4030.03	CEK1285TDIY058-V		S4014.03	CEK1285TDIY000-U-V-H	
S4030.04	CEK1285TDIY058-V		S4014.04	CEK1285TDIY000-U-V-H	
S4030.05	CEK1285TDIY058-V		S4014.05	CEK1285TDIY000-U-V-H	
S4030.06	CEK1285TDIY058-V				

Solenoid Valve Spare Parts

PLUNGERS

Compressor Group

Model Code	Plunger Code	Model Code	Plunger Code
S5010.00	CEK1285TDIY058-V	S5074.018	TUBE+PLUNGER
S5010.01	CEK1285TDIY058-V	S5018.00.018	CEK1500TDIY072-V
S5010.02	CEK1285TDIY058-V	S5018.00.025	CEK1500TDIY072-V
S5010.03	CEK1285TDIY058-V	S5018.00.035	CEK1500TDIY072-V
S5010.04	CEK1285TDIY058-V	S5018.01.018	CEK1500TDIY072-V
S5010.05	CEK1285TDIY058-V	S5018.01.025	CEK1500TDIY072-V
S5013.00	CEK1285TDIY058-V	S5018.01.035	CEK1500TDIY072-V
S5013.01	CEK1285TDIY058-V	S5040.02	CEK1285TDIY058-V
S5013.02	CEK1285TDIY058-V	S5040.03	CEK1285TDIY058-V
S5013.03	CEK1285TDIY058-V	S5040.04	CEK1285TDIY058-V
S5013.04	CEK1285TDIY058-V	S5040.05	CEK1285TDIY058-V
S5013.05	CEK1285TDIY058-V	S5012.02	CEK1285TDIY000-U-V
S5078.00	CEK1285TDIY058-V	S5012.03	CEK1285TDIY000-U-V
S5078.01	CEK1285TDIY058-V	S5012.04	CEK1285TDIY000-U-V
S5078.02	CEK1285TDIY058-V	S5012.05	CEK1285TDIY000-U-V
S5078.03	CEK1285TDIY058-V	S5014.02	CEK1285TDIY000-U-V-H
S5078.04	CEK1285TDIY058-V	S5014.03	CEK1285TDIY000-U-V-H
S5078.05	CEK1285TDIY058-V	S5014.04	CEK1285TDIY000-U-V-H
S5073.018	KOVAN+ÇEKİRDEK	S5014.05	CEK1285TDIY000-U-V-H
S5079.00	CEK12HXTDIY060-V	S5016.02	CEK1285TDIY000-U-V
S5079.01	CEK12HXTDIY060-V	S5016.03	CEK1285TDIY000-U-V
S5079.02	CEK12HXTDIY060-V	S5016.04	CEK1285TDIY000-U-V
S5079.03	CEK12HXTDIY060-V	S5016.05	CEK1285TDIY000-U-V
S5079.04	CEK12HXTDIY060-V	S5019.02	CEK1285TDIY000-U-V-H
S5079.05	CEK12HXTDIY060-V	S5019.03	CEK1285TDIY000-U-V-H
S5015.00.010	CEK1285CDIY073-V-085	S5019.04	CEK1285TDIY000-U-V-H
S5015.01.010	CEK1285CDIY073-V-085	S5019.05	CEK1285TDIY000-U-V-H
S5080.00.018	CEK1285CDIY073-V-085	S5041.02	CEK12HXTDIY060-V
S5080.00.025	CEK1285CDIY073-V-085	S5041.03	CEK12HXTDIY060-V
S5080.01.018	CEK1285CDIY073-V-085	S5041.04	CEK12HXTDIY060-V
S5080.01.025	CEK1285CDIY073-V-085	S5041.05	CEK12HXTDIY060-V



PLUNGERS

Stainless Steel Group

Model Code	Plunger Code	Model Code	Plunger Code
SSI010.00	CEK1285TDIY083-T	SSI010.02	CEK1500TDIY110-T
SSI010.01	CEK1285TDIY083-T	SSI010.03	CEK1500TDIY110-T
SSI010.02	CEK1285TDIY083-T	SSI010.04	CEK1500TDIY110-T
SSI010.03	CEK1285TDIY083-T	SSI010.05	CEK1500TDIY110-T
SSI010.04	CEK1285TDIY083-T	SSI011.00.025	CEK12HXTDIY060-V
SSI010.05	CEK1285TDIY083-T	SSI011.00.032	CEK12HXTDIY060-V
SSI010.00	CEK1500TDIY110-T	SSI011.01.025	CEK12HXTDIY060-V
SSI010.01	CEK1500TDIY110-T	SSI011.01.032	CEK12HXTDIY060-V



MEASUREMENT AND CONTROL

Measurement and Control

VARIABLE AREA FLOWMETER

SKT SERIES

Standard	Optional
Material : Trogamid	Material : Polysulfone
Temperature : Max. 60°C	Temperature : Max. 100°C
Pressure : Max. 10 Bar (at 20°C)	Special Scales : m ³ /h, %, l/min.
Liquid : Water, waste water, pool water, air, gas	Output : Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
SKT-1500	DN 25	50- 500 l/h	272
SKT-1999	DN 25	100/1000 l/h	275
SKT-1020	DN 40	200-2000 l/h	328
SKT-1030	DN 40	300-3000 l/h	452
SKT-1060	DN 50	600-6000 l/h	520
SKT-1200	DN 65	2000-20000 l/h	1096
SKT-1300	DN 65	3000-30000 l/h	1096
SKT-1600	DN 65	8000-60000 l/h	1101



VARIABLE AREA FLOWMETER

SKP SERIES

Standard	Optional
Material : Trogamid	Material : Polysulfone
Temperature : Max. 100°C	Temperature : Max. 60°C
Pressure : Max. 10 Bar (at 20°C)	Special Scales : m ³ /h, %, l/min.
Liquid : Water, waste water, pool water, air, gas	Output : Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
SKPk-1015	DN 10	1,5- 15 l/h	210
SKPk-1025	DN 10	2,5- 25 l/h	210
SKPk-1050	DN 10	5/50 l/h	210
SKPk-1100	DN 10	10-100 l/h	210
SKPk-1150	DN 15	15-150 l/h	215
SKPk-1300	DN 25	30-300 l/h	241
SKPk-1500	DN 25	50-500 l/h	241
SKPk-1999	DN 25	100-1000 l/h	241



VARIABLE AREA FLOWMETER

PT SERIES

Standard	Optional
Material : Polysulfone	Material : Polysulfone
Temperature : Max. 60°C	Temperature : Max. 100°C
Pressure : Max. 15 Bar	Special Scales : m ³ /h, %, l/min.
Liquid : Water, waste water, pool water, air, gas	Output : Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
PS3I	DN 25	160-1600 l/h	294
PTII	DN 25	250-2500 l/h	294
PTII	DN 40	400-4000 l/h	340
PTII	DN 40	500-6300 l/h	340
PTII	DN 50	1000-10000 l/h	498
PTII	DN 65	1600-16000 l/h	800
PTII	DN 65	2000-20000 l/h	800
PTII	DN 65	2500-25000 l/h	800
PTII	DN 65	3000-30000 l/h	800
PTII	DN 65	6000-40000 l/h	800
PTII	DN 65	8000-50000 l/h	800



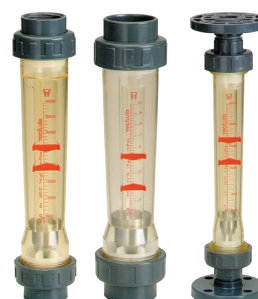
Measurement and Control

VARIABLE AREA FLOWMETER

PSM SERIES

Standard		Optional	
Material	: Trogamid	Temperature	: Max. 90°C
Temperature	: Max. 60°C	Special Scales	: m ³ /h, %, l/min.
Pressure	: Max. 10 Bar (at 20°C)	Output	: Switch or 4-20 mA
Liquid	: Water, waste water, pool water, air, gas		

Type	Connection Size	Measuring Range	Price (€)
PSM21	DN 15	4-40 l/h	200
PSM21	DN 15	6-60 l/h	200
PSM21	DN 15	10-100 l/h	200
PSM21	DN 15	16-160 l/h	200
PSM21	DN 15	25-250 l/h	200
PSM21	DN 20	40-400 l/h	220
PSM21	DN 20	60-630 l/h	220
PSM21	DN 20	100-1000 l/h	220



VARIABLE AREA FLOWMETER

UKV SERIES

Standard		Optional	
Material	: Acrylic	Connection	: Stainless Steel, without flow adjustment
Connection	: Brass		
Temperature	: Max. 65°C		
Pressure	: Max. 6 Bar		
Accuracy	: 5%, 3%		
Liquid	: Water, waste water, pool water, air, gas		

Type	Connection Size	Measuring Range (Water)	Measuring Range (Air)	Price (€)
UKV-020GM	1/8"	0.2 .. 80 l/h	0.04 .. 25 NI/min	222
UKV-040GM	1/8"	0.2 .. 220 l/h	0.1 .. 100 NI/min	287



METAL TUBE VARIABLE AREA FLOWMETER

M-21 SERIES

Standard		Optional	
Body	: 316L Stainless Steel	Pressure	: 40 .. 400 bar
Float	: 316L Stainless Steel	Connection	: Clamp, Sanitary
Connection	: Threaded	Output	: Switch, 4-20 mA, 3-15 psi, totalizer
Temperature	: 180°C	Liquid	: Acid, base, oil, gas
Pressure	: PN16 with valve, PN40 without valve		
Accuracy	: 4%		
Liquid	: Water, air		

Type	Connection Size	Measuring Range (Water)	Price (With Valve) (€)	Price (Without Valve) (€)
M-21 (for water)	1/4"	0,6 .. 100 l/h	1003	919
	1/2"	16 .. 630 l/h	1017	996
	3/4"	100 .. 1000 l/h	1140	1102
M-21 (for air)	1/4"	18 .. 3000 l/h	1003	919
	1/2"	500 .. 18000 l/h	1017	996
	3/4"	3000 .. 30000 l/h	1140	1102



Measurement and Control

VARIABLE AREA FLOWMETER

SC-250 SERIES

Standard

Body : 316L Stainless Steel
Float : 316L (Water), PVC (Air)
Connection : Flanged
Temperature : Max. 200°C (Water), 50°C (Air)
Pressure : 16 Bar
Accuracy : 3%
Output : -
Others : -
Liquid : Water, Air

Optional

Body : PVC
Float : PP, PTFE
Pressure : 40 .. 400 Bar
Temperature : Max. 90°C (PP), 150°C (PTFE)
Connection : Threaded, Clamp, Sanitary
Accuracy : 1.60%
Output : Switch, 4-20 mA, 3-15 psi, totalizer
Others : Exproof, Hard Protocol
Liquid : Acid, base, oil, gas



Type	Connection Size	Measuring Range	Price (€)
SC250 (for water)	DN 15	2,5 .. 600 l/h	1442
	DN 25	100 .. 4000 l/h	1358
	DN 40	400 .. 8000 l/h	1480
	DN 50	0,8 .. 15 m³/h	1746
	DN 65	1,5 .. 20 m³/h	1925
	DN 80	2 .. 30 m³/h	2208
	DN 100	4 .. 60 m³/h	2412
	DN 125	8 .. 120 m³/h	2669
SC250 (for air)	DN150	20 .. 180 m³/h	3392
	DN 15	0,4 .. 20 Nm³/h	1386
	DN 25	1,6 .. 100 Nm³/h	1431
	DN 40	5 .. 140 Nm³/h	1590
	DN 50	15 .. 325 Nm³/h	1827
	DN 65	25 .. 400 Nm³/h	2013
	DN 80	40 .. 600 Nm³/h	2333
	DN 100	60 .. 1000 Nm³/h	2570
	DN 125	150 .. 1500 Nm³/h	2906
	DN150	250 .. 2600 Nm³/h	3916

Type	Description	Price (€)
AMD	250 VAC (3VA) Switch	253
TH5	4-20 mA Output	771
TH5T	4-20 mA Output and Totalizer	879
TH5H	Hard Protocol	959
TH5Ex	Exproof 4-20 mA Output	1060

FLOW INDICATOR

CV SERIES

Standard

Connection : G1/4" .. G2"
Connection Material : Brass
Pressure : Max. 25 bar
Liquid : Water, air, oil, gas, acid...

Optional

Connection Material : Stainless steel, Aluminium

Type	Connection Size	Measuring Range	Price (€)
CV	G1/4"	0,6 - 10 l/min.	95
	G3/8"	1,2 - 20 l/min.	127
	G1/2"	1,2 - 40 l/min.	142
	G3/4"	2,1 - 60 l/min.	241
	G1"	2,1 - 80 l/min.	255
	G1 1/4"	3,5 - 120 l/min.	754
	G1 1/2"	3,5 - 160 l/min.	754
	G2"	7 - 190 l/min.	908



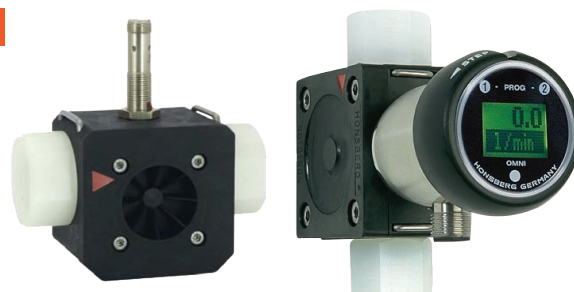
Measurement and Control

TURBINE FLOWMETER

RRI SERIES

Standard		Optional	
Body	: PPS	Body	: PVDF, Brass, Stainless Steel
Connection	: Female Threaded	Connection	: Male Threaded
Connection Material	: PVDF	Connection Material	: Brass, Stainless Steel
Accuracy	: 1%	Accuracy	: -
Pressure	: 16 Bar	Pressure	: -
Temperature	: Max. 60°C	Temperature	: -
Output	: PNP, NPN	Output	: 4-20 mA, 0-10 V, Switch, Frequency
Liquid	: Water, oil (10 cSt)	Liquid	: Air, gas

Type	Connection Size	Measuring Range	Price (€)
RRI-010GVQ	3/8"	0,1 .. 12 l/min.	630
RRI-010GVV	3/8"	0,1 .. 12 l/min.	770
RRI-025GVQ	1"	2 .. 100 l/min.	892
RRI-025GVV	1"	2 .. 100 l/min.	1346



TURBINE FLOWMETER

FMTD SERIES

Standard		Optional	
Body	: ABS Plastic	Display	: Instantaneous and total
Connection	: 6 mm .. 1"	Output	: 4-20 mA
Pressure	: 17 Bar		
Temperature	: Max. 80°C		
Output	: NPN Pulse		
Accuracy	: 2%		
Liquid	: Water, alcohol, nonviscous liquid, aggressive liquid		

Type	Connection Size	Measuring Range	Price (€)
FMTD.008	6 mm Nozzle, 1/4"	0,1 .. 3 l/min.	88
FMTD.015	1/2"	1 .. 30 l/min.	105
FMTD.020	3/4"	3 .. 50 l/min.	120
FMTD.025	1"	5 .. 60 l/min.	167
FMTD.032	1 1/4"	3 .. 120 l/min.	192

Description	Price (€)
Pulse / Current Convertor (Rail Type)	175
Instantaneous Flow Indicator (36x72) 1 Relay	152



PADDLE WHEEL FLOWMETER

FSE SERIES

Standard		Optional	
Body	: PTFE, SS316, CPVC	Output	: 4-20 mA
Measuring Range	: 0,3 .. 6 m/s		
Accuracy	: 0.50%		
Output	: NPN Pulse		
Liquid	: Water, alcohol, nonviscous liquid, aggressive liquid		

Type	Connection	Body	Temperature (°C)	Pressure (Bar)	Price (€)
FSE-CPVC	SHORT	CPVC	85 °C	10	1098
FSE-CPVC	LONG				1296
FSE-PTFE	SHORT	PTFE	100 °C	10	1395
FSE-PTFE	LONG				1593
FSE-SS316	SHORT	SS316	100 °C	16	1395
FSE-SS316	LONG				1593



Measurement and Control

TURBINE FLOWMETER

TM-44 SERIES

Standard		Optional	
Body	: SS316L	Body	: -
Connection	: Stainless Steel	Connection	: -
Connection Material	: SS316L	Connection Material	: -
Accuracy	: 0.50%	Accuracy	: -
Pressure	: 10- 40 Bar	Pressure	: PN200
Temperature	: -50 .. 130 Derece	Temperature	: -100 .. 200 °C
Output	: 10- 6200 mV (According to flow range)	Output	: 4-20 mA, 0-10 V, Switch, Frequency
Liquid	: Water, oil, alcohol, aggressive liquid	Liquid	: -



TM44+Caja Application

Type	Connection Size	Measuring Range	Price (€)
TM-44	DN 15	0,3 .. 3 m³/h	1716
	DN 20	0,6 .. 6 m³/h	1887
	DN 25	0,9 .. 13,5 m³/h	2113
	Others	On Request	Ask for Price

TURBINE FLOWMETER

LWGY SERIES

Standard		Optional	
Body	: SS304 Stainless Steel	Accuracy	: %1 ; % 0.2
Connection	: 3/8" .. 8" Threaded / Flanged	Temperature	: -40 .. 150 °C
Connection Material	: SS304 Stainless Steel	Output	: 4-20 mA; RS- 485; HART
Accuracy	: 0.5%	Ex-Proof	: Ex d II B T6 Flameproof
Pressure	: 63 Bar	Display	: -
Temperature	: -40 .. 120 °C		
Output	: Pulse		
Liquid	: Water, alcohol, nonviscous liquid		



Type	Connection Size	Measuring Range	Price (€)
TDSS	G 3/8"	0,6 .. 4,5 lt/min	1680
	G 1/2"	1,5 .. 20 lt/min	700
	G 1"	10 .. 133 lt/min	602
	G 1 1/2"	16 .. 165 lt/min	630
	G 2"	25 .. 335 lt/min	840
	DN50 Flanged	4 .. 40 m³/h	1344
Others	On Request	On Request	Ask for Price

DIGITAL FLOW INDICATOR

TORK604/ E1200 SERIES

Standard		Optional	
Body	: Plastic	Connection	: RS485
Input	: 0-5 V DC, 0-10 V DC, 4-20 mA; Pulse; PT100; mV	Software	: -
Output	: 4-20 mA; Pulse; Relay	Calculation	: IAPWS-IF97 (for BAB216)
Calculation	: IAPWS-IF97 (for BAB216)		

Type	Input	Output	Price (€)
TORK604	2 x Pulse	2 x Relay, RS485	196
E1200-1-0-0-0	Pulse, mA, mV	1 x Relay, 1 x (0) 4-20 mA	388
E1200-1-1-0-0	Pulse, mA, mV	1 x Relay, 1 x (0) 4-20 mA	406
Others	On Request	On Request	Ask for Price



Measurement and Control

ELECTROMAGNETIC FLOWMETER

FLOMAT SERIES

Standard	Optional
Body : -	Body : Titanium, Zirconium, Stainless Steel
Electrode : Hasteloy C	Electrode : -
Pressure : PN 16	Pressure : PN 40
Temperature : -20°C..130°C	Temperature : -
Accuracy : 3,50%	Accuracy : -
Liquid : Water, waste water, acid, base, (min conductivity : 20 QS/cm)	Liquid : -

Type	Connection Size	Measuring Range	Price (€)
FLOMAT	DN40 .. DN65	2,5 .. 50 m ³ /h	1255
	DN80 .. DN400	9 .. 2000 m ³ /h	1168
	DN500 .. DN1000	300 .. 15000 m ³ /h	1241
	DN1200 .. DN2000	2000 .. 50000 m ³ /h	1280



ELECTROMAGNETIC FLOWMETER

FLOMID SERIES

Standard	Optional
Body : Stainless Steel	Body : -
Electrode : Hasteloy C	Electrode : Titanium, Zirconium, Stainless Steel
Lineer : Ebonite	Lineer : PTFE, PVDF, PP
Pressure : PN 16	Pressure : PN 250
Temperature : -20°C..120°C	Temperature : -
Accuracy : %0,5	Accuracy : -
Liquid : Water, waste water, acid, base (min conductivity : 20 QS/cm)	Liquid : -
Connection : DIN 2501 Flanged / Wafer; Sanitary	Connection : -

Type	Connection Size	Measuring Range	Price (€)
FLOMID 2 FX	DN 32	0,13 .. 1,3 m ³ /h	1624
	DN 40	0,3 .. 3 m ³ /h	1744
	DN 50	0,6 .. 6 m ³ /h	1876
	Others	On Request	Ask for Price



CONVERTOR

Standard	Optional
Body : Stainless Steel	Body : -
Electrode : Hasteloy C	Elektrod : Titanium, Zirconium, Stainless Steel
Lineer : Ebonite	Lineer : PTFE, PVDF, PP
Pressure : PN 16	Pressure : PN 250
Temperature : -20°C..120°C	Temperature : -
Accuracy : %0,5	Accuracy : -
Liquid : Water, waste water, acid, base (min conductivity : 20 QS/cm)	Liquid : -
Connection : DIN 2501 Flanged / Wafer; Sanitary	Connection : -

Type	Output	Description	Price (€)
XT5	4-20 mA, Pulse	With compact sensor	979
XT5-M	4-20 mA, Pulse	Panel mounted + 10 m cable	1132
XT5-H	HART Protocol	Hart Protocol	1158
XT5-HM	HART Protocol	Panel mounted	1311
MX	4-20 mA, Pulse, Switch	With compact sensor	1322
MX-M	4-20 mA, Pulse, Switch	Panel mounted	1725

Measurement and Control

ELECTROMAGNETIC FLOWMETER

MF-LITE SERIES

Standard	Optional
Electrode : SS316	Electrode : Titanium, Tantalum, Hasteloy C
Pressure : PN 16, PN25	Pressure : PN 40, PN25
Temperature : -10°C..150°C	Temperature : -
Accuracy : 2%	Accuracy : 0.5%
Liquid : Water, waste water, acid, base (min conductivity : 20 QS/cm)	Liquid : -
Output : 2x pulse, RS485	



Type	Connection Size	Price (€)
MF-LITE	DN15 Wafer	1234
	DN20 Flanged	1432
	DN25 Flanged	1432
	DN32 Flanged	1470
	DN40 Flanged	1537
	DN50 Flanged	1602
	DN65 Flanged	1738
	DN80 Flanged	1817
	DN100 Flanged	1996
	DN150 Flanged	2470
	DN200 Flanged	4326
	DN300 Flanged	9586

ULTRASONIC FLOWMETER

BUF SERIES

Standard
Connection : Flanged
Display : LCD
Measuring Range: 0,04 - 5 m/ s
Power Supply : Battery operated
Accuracy : 2%
Output : RS485, Frequency

Connection Size	Price (€)
DN50	1286
DN65	1406
DN80	1521
DN100	1731



ULTRASONIC FLOWMETER

CU SERIES

Standard	Optional
Sensor : Anodize Aluminium	Guide : 500 mm guide/transducer straps
Display : ABS Plastic	Cable : 6m, 10m, 15m, 20m, 30m, 40m, 50m
Measuring Range : 0.2 - 12 m/ s	
Power Supply : 85- 265 VAC	
Accuracy : %1,5 O.D 0,02 m/s	
Output : 4-20 mA, Relay	
Cable : 5 m	

Type	Connection Size	Price (€)
CU100 (0100-0700)	DN80 .. DN700	3583
CU100 (0800-2000)	DN800 .. DN2000	3731



Measurement and Control

PORTABLE ULTRASONIC FLOWMETER

TUF2000H SERIES

Standard		Optional	
Body	: ABS Plastic	Temperature	: -40 .. 175 C
Sensor Material	: Plastic	Cable	: On Request
Connection	: DN15 .. DN6000		
Accuracy	: 0.5%		
Temperature	: -40°C .. 110°C		
Output	: RS-232		
Cable	: 5 m		
Datalogger	: 2000 Data		

Type	Connection Size	Price (€)
TUF2000H-15-100	DN15 .. DN100	2324
TUF2000H-50-1000	DN50 .. DN1000	2324
TUF2000H-800-6000	DN800 .. DN6000	3304
TUF2000H-15-1000	DN15 .. DN1000	2517
TUF2000H-15-6000	DN15 .. DN6000	3461



GEAR WHEEL FLOWMETER

VHZ SERIES

Standard		Optional	
Body	: Aluminium	Body	: Stainless Steel
Thread	: Stainless Steel	Display	: -
Pressure	: 200 Bar	Pressure	: -
Temperature	: -25°C .. 80°C	Temperature	: -25 .. 120°C
Output	: PNP, NPN	Output	: 4-20 mA, 0-10 V, Switch, Frequency
Accuracy	: 3%		
Liquid	: Water, oil, viscose liquid		

Type	Connection Size	Measuring Range	Price (€)
VHZ-008GA	1/4"	0,02 .. 2 l/min.	1963
VHZ-010GA	3/8"	0,1 .. 6 l/min.	1863
VHZ-020GA	3/4"	0,5 .. 50 l/min.	2141
VHZ-025GA	1"	3 .. 150 l/min.	4108
VHZ-008GK	1/4"	0,02 .. 2 l/min.	2698
VHZ-010GK	3/8"	0,1 .. 6 l/min.	2837



SCREW FLOWMETER

VHS SERIES

Standard		Connection Size	
Body	: Aluminium	Body	: Molding, Steel, Stainless Steel
Screw	: Steel	Pressure	: 350 Bar
Pressure	: 160 Bar	Temperature	: Max. 150°C
Temperature	: -25°C .. 80 °C	Output	: 4-20 mA, 0-10 V, Switch, Frequency
Output	: PNP, NPN		
Accuracy	: 1%		
Liquid	: Water, oil, viscose liquid		

Type	Connection	Measuring Range	Price (€)
VHS-025GA0A0140VB	1"	1,4 .. 140 l/min.	1889
VHS-032GA0A0350VB	1 1/4"	3,5 .. 350 l/min.	2623
VHS-040GA0A0800VB	1 1/2"	8 .. 800 l/min.	4030
VHS-050GA0A1500VB	2"	15 .. 1500 l/min.	Ask for Price
VHS-065GA0A2500VB	2 1/2"	25 .. 2500 l/min.	Ask for Price
Others	On Request	On Request	Ask for Price



Measurement and Control

CALORIMETRIC FLOWMETER

FLEX- FIN VE OMNI- FIN SERIES

Standard

Body : Stainless Steel
Temperature : Max. 70 °C
Pressure : Max. 10 Bar
Output : 4-20 mA, 0-10 V, NPN, PNP, Frequency

Type	Connection Size	Measuring Range	Price (€)
FLEX-FIN	6mm-8mm-10mm	0,01 .. 10 l/min.	880
OMNI-FIN	6mm-8mm-10mm	0,01 .. 10 l/min.	1162



TURBINE FLOWMETER

VISION SERIES

Standard

Body : Grilamid
Turbine : PA12
Temperature : -20°C..100 °C
Pressure : Max. 25 Bar
Output : NPN Pulse
Accuracy : 3%
Power Supply : 5-24 V DC

Type	Connection Size	Measuring Range	Price (€)
VISION-F01	3/8"	0,5 .. 5 l/min.	90
VISION-F02	3/8"	0,5 .. 7,5 l/min.	90
VISION-F03	3/8"	1 .. 10 l/min.	90
VISION-F04	3/8"	1 .. 15 l/min.	90
VISION-F05	3/8"	1 .. 25 l/min.	90
VISION-F06	3/8"	2 .. 35 l/min.	90
VISION-F66	1/4"	0,1 .. 2,5 l/min.	90
VISION-F07	3/4"	5 .. 65 l/min.	190



PISTON TYPE FLOW SWITCH

HD1K/ HD2K SERIES

Standard

Material : Brass, Nickel Plated
Piston : Brass
Pressure : 200 Bar
Temperature : Max. 120 °C
Output : NO or NC
Liquid : Water, air, oil, gas

Optional

Material : 316 Stainless Steel
Piston : 316 Stainless Steel
Others : Display, Analog Output, Ex-proof

Type	Connection Size	Measuring Range	Price (€)
HD1K-008GM	1/4"	0,5 .. 5 l/min.	582
HD1K-010GM	3/8"	0,5 .. 10 l/min.	591
HD1K-015GM	1/2"	1 .. 30 l/min.	602
HD1K-020GM	3/4"	3 .. 40 l/min.	665
HD1K-025GM	1"	4 .. 40 l/min.	676
HD2K-008GM	1/4"	0,5 .. 8 l/min.	826
HD2K-010GM	3/8"	0,5 .. 15 l/min.	856
HD2K-015GM	1/2"	0,5 .. 25 l/min.	866
HD2K-020GM	3/4"	0,5 .. 40 l/min.	869
HD2K-025GM	1"	0,5 .. 60 l/min.	883



Measurement and Control

PADDLE TYPE FLOW SWITCH

UR SERIES

Standard

Body : Brass, Stainless Steel
Paddle : Stainless Steel
Output : NO or NC
Liquid : Water, oil, air, gas

Type	Connection Size	Body	Temperature	Price (€)
URI-015 HM	DN15 .. DN40	Brass	Max. 110°C	201
URI-015 HK	DN15 .. DN40	Stainless Steel	Max. 110°C	485
URI-032 HM	DN50 .. DN80	Brass	Max. 110°C	244
URI-032 HK	DN50 .. DN80	Stainless Steel	Max. 110°C	533



PADDLE TYPE FLOW SWITCH

UR SERIES

Standard

Body : Brass (Optional: Stainless Steel)
Paddle : Stainless Steel
Output : NO or NC
Liquid : Water, oil, air, gas

Type	Connection Size	Body	Temperature	Pressure (Bar)	Price (€)
URI-010GM	3/8"	Brass	Max. 110°C	PN 25	226
URI-015GM	1/2"	Brass	Max. 110°C	PN 25	226
URI-020GM	3/4"	Brass	Max. 110°C	PN 25	226
URI-025GM	1"	Brass	Max. 110°C	PN 25	226
URI-032GM	1 1/4"	Brass	Max. 110°C	PN 25	275
URI-040GM	1 1/2"	Brass	Max. 110°C	PN 25	306
URI-050GM	2"	Brass	Max. 110°C	PN 25	439

Type	Connection Size	Body	Temperature	Pressure (Bar)	Price (€)
UR2-010GM	3/8"	Brass	Max. 80°C	PN 10	189
UR2-015GM	1/2"	Brass	Max. 80°C	PN 10	189
UR2-020GM	3/4"	Brass	Max. 80°C	PN 10	189
UR2-025GM	1"	Brass	Max. 80°C	PN 10	198
UR2-015AP	1/2"	Plastic	Max. 80°C	PN 10	167



PADDLE TYPE FLOW SWITCH

TORK-PFS SERIES

Standard

Connection Material : Brass
Connection : 1" Male Threaded
Paddle : Stainless Steel
Head Material : ABS Plastic
Output : NO or NC

Type	Connection Size	Measuring Range	Price (€)
TORK-PFS025HM	DN25 .. DN200	0,2 .. 165,7 m³/h	80



Measurement and Control

PADDLE TYPE FLOW SWITCH

CRG SERIES

Standard

Connection Material : Brass, Stainless Steel
 Connection : 1" Male Threaded
 Paddle : Stainless Steel
 Head Material : ABS Plastic
 Output : NO or NC

Type	Connection Size	Measuring Range	Price (€)
CRG-025HM (Brass)	DN25 .. DN200	0,2 .. 165,7 m ³ /h	419
CRG-025HK (Stainless Steel)	DN25 .. DN200	0,2 .. 165,7 m ³ /h	793
AFS for Air	HVAC Application	1m ³ /sn .. 2,5m ³ /sn	Ask for Price



PFS

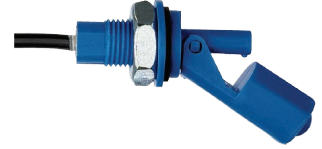


AFS

Stainless Steel

TORK- SM SERIES

Type	Connection Size	Body	Temperature	Switch	Price (€)
TORK-SM01	1/2"	PP	-25 .. 100°C	NO or NC	48
TORK-SM02	1/2"	PA12	-25 .. 100°C	NO or NC	72
RWI-016PVK	M 16 X 1,5	PVDF	Max. 130°C	NO or NC	88



TORK - F1



MWI

FLOAT LEVEL SWITCH

TORK-F / MWI SERIES

Type	Connection Size	Body	Temperature	Pressure	Switch	Price (€)
TORK-F1	DN 50 Square Flanged	AlSi316	-20 .. 150°C	PN 16	NO or NC	216
TORK-ExF1 (Ex-Proof)	DN 50 Square Flanged	AlSi316	-20 .. 150°C	PN 16	NO or NC	484
TORK-MF1	1/23 Male Threaded	AlSi304	-20 .. 125°C	2 Bar	NO or NC	132

Type	Connection Size	Body	Temperature	Pressure	Switch	Price (€)
MWI HM	1"	Brass	Max. 180°C	PN 15	NO or NC	353
MWI HK	1"	AlSi304	Max. 180°C	PN 15	NO or NC	564

Measurement and Control

FLOAT LEVEL SWITCH

ATMI SERIES

Temperature : Max. 70°C
Pressure : Max. 3.5 Bar

Type	Cable	Body	Density	Pressure	Price (€)
TORK-BA 20.02	2 m	PP	Fluid 0,7 .. 1,5 gr/cm ³ +/- 20°C	NO or NC	110
TORK-BA 20.05	5 m	PP	Fluid 0,7 .. 1,5 gr/cm ³ +/- 20°C	NO or NC	134
TORK-BA 20.10	10 m	PP	Fluid 0,7 .. 1,5 gr/cm ³ +/- 20°C	NO or NC	172
TORK-BT 10.03	3 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	38
TORK-BT 10.05	5 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	44
TORK-BT 10.10	10 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	60
TORK-BT 10.20	20 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	94
TORK-SA 300.05	5 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC	264
TORK-SA 300.10	10 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC	354
TORK-SA 400.05	5 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC(Ex-Proof)	392
TORK-SA 400.10	10 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC (Ex-Proof)	482
TORK-SL 10.05	5 m	Neopren	For Solid	NO or NC	238
TORK-SL 10.10	10 m	Neopren	For Solid	NO or NC	300
TORK-SHA 10.05	5 m	EPDM-ACS	For Fluid	NO or NC (Hygienic)	227
TORK-SHA 10.10	10 m	EPDM-ACS	For Fluid	NO or NC (Hygienic)	301



FLOAT LEVEL SWITCH

NM SERIES

Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
NM-007HP	1/4"	40 mm	PP	60 °C	PN 5	NO or NC	64
NM-004HK	1/8"	50 mm	AISI 316	105 °C	PN 15	NO or NC	95
NM-008HK	3/8"	75 mm	AISI 316	105 °C	PN 40	NO or NC	171



TORK-MS SERIES

Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
TORK-MS20	M 10 Male Threaded	60 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	108



Measurement and Control

FLOAT LEVEL SWITCH

TORK-MS SERIES

Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
TORK-MS 30	1/2"	100 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	115
	1/2"	200 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	121
	1/2"	300 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	128
	1/2"	400 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	138
	1/2"	500 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	145



Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
TORK-MS 40	1"	100 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	141
	1"	200 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	148
	1"	300 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	154
	1"	400 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	161
	1"	500 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	168



FLOAT LEVEL SWITCH

TORK-LS SERIES

Connection Material : Carbon Steel, Stainless Steel (Optional)

Tube and Float : Stainless Steel

Junction Box : Aluminium Injection, Exproof Junction Box (Optional)

Type	Connection Size	Temperature	Pressure	Probe Length	Price (€)
TORK-LS 20	DN 50 Flanged / 2" Threaded	Max. 150°C	PN 10	100 mm	268
				200 mm	275
				300 mm	282
				400 mm	288
				500 mm	294
				600 mm	302
				700 mm	308
				800 mm	314
				900 mm	322
				1000 mm	328
TORK-LS 30	DN 50 Flanged / 2" Threaded	Max. 150°C	PN 10	300 mm	693
				500 mm	762
				700 mm	847
				1000 mm	946
				1100 mm	1000
				1200 mm	1032
				1300 mm	1066
				1400 mm	1098
				1500 mm	1132
				1600 mm	1184
				1700 mm	1218
				1800 mm	1250
				1900 mm	1284
				2000 mm	1316
				2500 mm	1500
				3000 mm	1686
				3500 mm	1870
				4000 mm	2054



Measurement and Control

By-Pass LEVEL INDICATOR / SWITCH

TORK-MLG SERIES

Type	Connection Size	Temperature	Pressure	Probe Length	Price (€)
TORK-MLG	"DN 15, DN 20, DN 25 Flanged 1/2", 3/4" Threaded	Max. 150°C	PN 10	300 mm	334
				500 mm	369
				700 mm	405
				1000 mm	454
				1100 mm	467
				1200 mm	480
				1300 mm	504
				1400 mm	517
				1500 mm	542
				1600 mm	566
				1700 mm	579
				1800 mm	592
				1900 mm	616
				2000 mm	630
				2500 mm	690
				3000 mm	764
				3500 mm	838
				4000 mm	910



VIBRATING LEVEL SWITCH

LD SERIES

Type	Connection Size	Body	Temperature	Pressure	Switch	Price (€)
LD 60 (Solid)	1"	AISI 316L	-30 .. 115°C	PN 16	NO or NC	454
LD 61 (Fluid)	1"	AISI 316L	-30 .. 115°C	PN 16	NO or NC	428



SUBMERSIBLE LEVEL TRANSMITTER

SGE-25 SERIES

Measuring Range : min. 0...1 m W.C., max. 0...500 m W.C.

Output : 4...20 mA, 0...10 V, 0...3,3 V, 0.5 V, 0.5...4,5 V

Accuracy : 0,2%

Type	Cable Length	Price (€)
SGE 25	1,5 m	500
	3 m	514
	5 m	528
	10 m	558
	15 m	588
	20 m	618
	25 m	648



Measurement and Control

ULTRASONIC LEVEL TRANSMITTER

LU SERIES

Type	Measuring Range	Connection Size	Price (€)
LU91 (PP)	6 m	2"	1002
LU91 (PVDF)	6 m	2"	1223
LU93 (PP)	12 m	2 1/2"	1250
LU93 (PVDF)	12 m	2 1/2"	1552



RADAR LEVEL TRANSMITTER

LTDR SERIES

Type	Connection Size	Probe Length	Single Rod	Rope	Price (€)	Coaxial
LTDR	3/4"	0- 600 mm	2498	2756	2726	
		601- 1000 mm	2672	2756	2726	
		1001- 1500 mm	2754	2780	2792	
		1501- 2000 mm	2842	2780	2792	
		2001- 2500 mm	2932	2804	2858	
		2501- 3000 mm	3027	2804	2858	
		3001- 3500 mm	-	2828	2924	
		3501- 4000 mm	-	2828	2924	
		4001- 4500 mm	-	2852	2990	
		4501- 5000 mm	-	2852	2990	
		5001- 6000 mm	-	2876	3056	
		6001- 10000 mm	-	2996	-	
		10001- 15000 mm	-	3116	-	
		15001-20000 mm	-	3236	-	



PRESSURE TRANSMITTER WITH FLUSH DIAPHRAGM

PCE-28 SERIES

Standard	Optional
Body : 316L Stainless Steel	Output : 0-10 Volt, 0-5 Volt, 1-5 Volt Output, Modbus
Temperature : -10...80 °C	Temperature : -30 .. 100°C
Accuracy : 0,2 %	Protection Class : IP 67 and Ex-Proof
Power Supply : 10...30 V DC	Accuracy : 0,3% and 0,16% Accuracy
Output : 4-20 mA	

Type	Measuring Range (bar)	Connection Size	Accuracy	Output	Price (€)
PCE-28-PD-CG1	0 - 0,25 -- 0 - 25	GI" Flash	0.3	4-20 mA	366
	0 - 40	GI" Flash	0.3	4-20 mA	390
	0 - 60 .. 0 - 400	GI" Flash	0.3	4-20 mA	405
	0 - 600	GI" Flash	0.3	4-20 mA	445
	0 - 1000	GI" Flash	0.3	4-20 mA	465



Measurement and Control

PRESSURE SENSOR / TRANSMITTER

P3297/ P3276 SERIES

Standard	Optional
Body : 316L Stainless Steel	Output : 0-10 Volt, 0-5 Volt, 1-5 Volt Output
Temperature : 0°C..80°C	Temperature : -30°C..100°C
Protection Class : IP 65	Protection Class : IP 67 ve Ex- Proof
Power Supply : 10 .. 30 V DC	Power Supply : %0,25 and %0,5

Type	Measuring Range	Connection Size	Accuracy	Output	Price (€)
A-10	0...1 bar / 0...160 bar	G 1/4"	0.5%	4-20 mA	160
	0...200 bar / 0...600 bar			4-20 mA	160
	0...1000 bar			4-20 mA	308
	-1...0 bar / -1...+24 bar			4-20 mA	172



Type	Measuring Range	Connection Size	Accuracy	Output	Price (€)
S-10	0...1 bar / 0...160 bar	G 1/2"	0.5%	4-20 mA	418
	0...200 bar / 0...600 bar			4-20 mA	418
	-1...0 bar			4-20 mA	462



Cooling Element

Type	Material	Connection Size	Pressure	Temperature	Price (€)
AZM 16	Stainless Steel	G 1/2"	PN 400	Max. 25°C	147



DIGITAL MANOMETER

3961 SERIES

Standard
Body : 316L Stainless Steel
Power Supply : 3 V (AA 2000 mAh)
Display : 4 digit (3961 Series, 4 1/2 digit (3962 Series)

Type	Measuring Range	Connection Size	Accuracy	Price (€)
DG-10-S	0...2 bar / 0...50 bar	G 1/4"	0,5%	418
	0...100 bar / 0...600 bar			418



DIGITAL PRESSURE SWITCH

SC SERIES

Standard
Body : 316 Stainless Steel
Temperature : -20°C..80 °C
Output : 0-10 V (Optional)
Power Supply : 12...30 V DC

Type	Measuring Range	Connection Size	Accuracy	Output	Price (€)
PSD-30	0...1 bar / 0...60 bar	1/4"	%1,0	2 Adet PNP Kontak + 4-20 mA	448
	0...100 bar / 0...600 bar	1/4"			456
	-1...0 bar	1/4"			470
PSD-31	0...1 bar / 0...60 bar	1/2"			453
	0...100 bar / 0...600 bar	1/2"			463
	-1...0 bar	1/2"			478



Measurement and Control

PRESSURE SWITCH

4130 SERIES

Body : Galvanized Steel
Temperature : Max. 85 °C

Type	Adjustment Ranges	Connection Size	Switch	Price (€)
PSM-01	0,2-2 Bar	1/4"	SPDT	100
	1-10 Bar	1/4"	SPDT	100
	1-16 Bar	1/4"	SPDT	100
	10-80 Bar	1/4"	SPDT	100
	20-250 Bar	1/4"	SPDT	100
	30-320 Bar	1/4"	SPDT	100
PSM-02	40-400 Bar	1/4"	SPDT	100
	10,2-2 Bar	1/4"	SPDT	107
	1-10 Bar	1/4"	SPDT	107
	1-16 Bar	1/4"	SPDT	107
	10-80 Bar	1/4"	SPDT	107
	20-250 Bar	1/4"	SPDT	107
	30-320 Bar	1/4"	SPDT	107
	40-400 Bar	1/4"	SPDT	107



DIFFERENTIAL PRESSURE SWITCH

901 SERIES

Body : Polyamide
Temperature : Max. 60°C
Max. Pressure : 100 mbar

Type	Adjustment Ranges	Connection Size	Switch	Price (€)
901.81	5 .. 20 mbar	6.5 mm plastic pipe connection	SPDT	104
901.82	10 .. 50 mbar	6.5 mm plastic pipe connection	SPDT	104



Measurement and Control

PRESSURE SWITCH

901 SERIES

Body : Brass
Temperature : -20°C..85°C

Type	Adjustment Ranges	Connection Size	Switch	Price (€)
901.61	5 .. 20 mbar	1/4"	SPDT	67
901.62	10 .. 50 mbar	1/4"	SPDT	67
901.63	25 .. 100 mbar	1/4"	SPDT	67
901.64	50 .. 250 mbar	1/4"	SPDT	67
901.65	100 .. 500 mbar	1/4"	SPDT	67
901.66	250 .. 1000 mbar	1/4"	SPDT	67
901.67	500 .. 1000 mbar	1/4"	SPDT	67
901.68	1000 .. 3000 mbar	1/4"	SPDT	67
901.91	1 .. 6 bar	1/4"	SPDT	76
901.92	4 .. 9 bar	1/4"	SPDT	76
901.93	7 .. 12 bar	1/4"	SPDT	76



Type	Adjustment Ranges	Connection Size	Switch	Price (€)
901.71	-5 .. -20 mbar	1/4"	SPDT	76
901.72	-10 .. -50 mbar	1/4"	SPDT	76
901.73	-25 .. -100 mbar	1/4"	SPDT	76
901.74	-50 .. -125 mbar	1/4"	SPDT	76
901.75	-75 .. -200 mbar	1/4"	SPDT	76
901.76	-100 .. -300 mbar	1/4"	SPDT	76
901.77	-200 .. -500 mbar	1/4"	SPDT	76
901.78	-300 .. -700 mbar	1/4"	SPDT	76

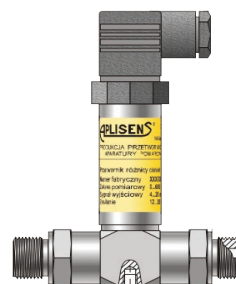
DIFFERENTIAL PRESSURE TRANSMITTER

AS-dP SERIES

Standard

Body : 316L Stainless Steel
Temperature : -10°C..80 °C
Accuracy : 0.2%
Power Supply : 10...30 V DC
Output : 4-20 mA

Type	Measuring Range (bar)	Connection Size	Accuracy	Output	Price (€)
AS-dP	0 - 1	M20x1,5	0.40%	4-20 mA	588
	0 - 2,5	M20x1,5	0.40%	4-20 mA	588
	0 - 4	M20x1,5	0.40%	4-20 mA	588
	0 - 10	M20x1,5	0.40%	4-20 mA	588
	0 - 16	M20x1,5	0.40%	4-20 mA	588
	0 - 25	M20x1,5	0.40%	4-20 mA	588



Measurement and Control

SMART PRESSURE / DIFFERENTIAL PRESSURE TRANSMITTER

APT3100 / APT3200 SERIES

Standard	Optional
Body : Aluminium	Other : Ex-proof
Connection Material : Stainless Steel	Display : LCD
Connection : 1/4" - 1/2" NPT	Output : HART
Accuracy : 0,075%	
Temperature : -40°C..120°C	
Output : 4-20 mA	

Type	Measuring Range	Minimum Span	Price (€)
APT3100.D2.M11.K0.1.S.1	0 .. 15 mbar	0,75 mbar	1844
APT3100.D3.M11.K0.1.S.1	0 .. 15 mbar	1,5 mbar	1705
APT3100.D4.M11.K0.1.S.1	0 .. 373 mbar	3,73 mbar	1705
APT3100.D5.M11.K0.1.S.1	0 .. 1865 mbar	18,65 mbar	1705
APT3100.D6.M11.K0.1.S.1	0 .. 6900 mbar	69 mbar	1705
APT3100.D7.M11.K0.1.S.1	0 .. 20680 mbar	207 mbar	1705
APT3100.D8.M11.K0.1.S.1	0 .. 68950 mbar	690 mbar	1705



SMART PRESSURE / DIFFERENTIAL PRESSURE TRANSMITTER

APC 2000 SERIES

Standard	Optional
Body : Aluminium	Other : Ex-proof, Modbus, Profibus
Connection Material : Stainless Steel	Display : LCD
Connection : 1/4" - 1/2" NPT	Output : HART
Accuracy : 0,075%	Accuracy : 0.05%
Temperature : -40 °C..120 °C	
Output : 4-20 mA	



REGULATOR

T-70 SERIES

Type	Code	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
TORK-70	960-129-000	1/4 NPT	0 - 0,1	0-2	240
	960-174-000	3/8 NPT	0 - 0,1	0-2	240
	960-162-000	1/2 NPT	0 - 0,1	0-2	274
	960-130-000	1/4 NPT	0 - 0,7	0-10	230
	960-131-000	3/8 NPT	0 - 0,7	0-10	230
	960-163-000	1/2 NPT	0 - 0,7	0-10	274
	960-089-000	1/4 NPT	0 - 2,1	0-30	230
	960-090-000	3/8 NPT	0 - 2,1	0-30	230
	960-159-000	1/2 NPT	0 - 2,1	0-30	274
	960-091-000	3/8 NPT	0,1 - 4,1	0-60	230
	960-092-000	1/4 NPT	0,1 - 4,1	0-60	230
	960-160-000	1/2 NPT	0,1 - 4,1	0-60	274
	960-093-000	1/4 NPT	0,1 - 10,3	2-150	230
	960-094-000	3/8 NPT	0,1 - 10,3	2-150	230
	960-161-000	1/2 NPT	0,1 - 10,3	2-150	274
	960-152-000	1/4 NPT	0,2 - 13,8	3-200	312
	960-153-000	3/8 NPT	0,2 - 13,8	3-200	312
	960-164-000	1/2 NPT	0,2 - 13,8	3-200	351



Measurement and Control

REGULATOR

P-38 SERIES

Type	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
P-38	3/8"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	678
	1/2"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	678
	3/4"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	678
	1"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	678



REGULATOR

P-39 SERIES

Type	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
P-39	1/4"	0-4.1	0-60	324
	1/4"	0-8.3	0-120	324
	1/4"	0-10.3	0-150	324
	1/4"	0-15.5	0-225	462



REGULATOR

T-1000 SERIES I/P CONVERTER

Type	Code	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
TORK-1000	961-072-000	1/4"	0.2 - 0.6	3-9	792
	961-073-000	1/4"	0.6 - 1.0	9-15	792
	961-070-000	1/4"	0.2 - 1.0	3-15	792
	961-074-000	1/4"	0.2 - 1.9	3-27	792
	961-075-000	1/4"	0.4 - 2.1	6-30	792
	961-116-000	1/4"	0.07 - 1.2	1-17	792
	961-111-000	1/4"	0.2 - 8.3	3-120	940
	961-117-000	1/4"	0.1 - 4.1	2-60	940

Measurement and Control

RESISTANCE THERMOMETER

TEP11 / TES11 SERIES

Standard	Optional
Sensor : PT100 Class B	Sensor : PT100 Class A
Material : Stainless Steel	Connection : G 3/8", G 1/4", G 3/4", 1/2" NPT, 1/4" NPT, M14 X 1.5
Measuring Range : -200 .. 600°C	Sensor Length : 25, 75, 100, 160, 200, 300, 400, 500 mm
Connection : G 1/2"	Sensor Diameter : 3 mm ve 8 mm
Sensor Length : 50 mm	Output : 0-10 V DC, PT100, PT1000
Sensor Diameter : 6 mm	
Power Supply : 10-30 V DC	
Output : 4-20mA	



Type	Connection Size	Sensor Diameter	Sensor Length	Output	Working Temperature	Price (€)
RT02-IP06-10	G 1/2"	6 mm	10 mm	PT 100	-200 .. 600 Derece	106
RT02-IP06-16	G 1/2"	6 mm	16 mm	PT 100	-200 .. 600 Derece	113
RT02-IP06-23	G 1/2"	6 mm	23 mm	PT 100	-200 .. 600 Derece	115
RT02-IP06-40	G 1/2"	6 mm	40 mm	PT 100	-200 .. 600 Derece	126
RT02-IP06-50	G 1/2"	6 mm	50 mm	PT 100	-200 .. 600 Derece	132
Other	On Request	On Request	On Request	On Request	On Request	Ask for Price

THERMOCOUPLE

TC01 / TC02 SERIES

Standard	Optional
Sensor : K Type	Sensor : J, S, L Type
Material : Stainless Steel	Connection : G 3/8", G 1/4", G 3/4", 1/2" NPT, 1/4" NPT, M14 X 1.5
Measuring Range : -200°C..1200°C	Sensor Diameter : 9 mm, 11 mm, 14 mm
Connection : G 1/2"	Output : 4-20 mA
Output : Ohm	



Type	Connection	Sensor Diameter	Sensor Length	Output	Temperature	Price (€)
TC01	Insert Type	6 mm	On Request	Ohm	-200 .. 1200°C	Ask for Price
TC02	G 1/2"	6 mm	On Request	Ohm	-200 .. 1200°C	Ask for Price
TC01	Insert Type	6 mm	On Request	4- 20 mA	On Request	Ask for Price
TC02	G 1/2"	6 mm	On Request	4- 20 mA	On Request	Ask for Price
Other	On Request	On Request	On Request	On Request	On Request	Ask for Price

Measurement and Control

DIGITAL INDICATOR & CONTROLLER

E48 / E72 / E49 / E94 SERIES

Standard	Optional
Input : T/C, R/T, mA, mV	Power Supply : 20-60 VAC, 20-85 VDC
Output : (0) 4-20 mA, Relay, SSR	Connection : RS485
Display : 2x4 Digit LED	Dimensions : 48X96, 96X48
Power Supply : 85- 265 VAC, 85- 375 VDC	Input : Mv, 0-10 V
Dimensions : 48X48, 72X72, 96X96	

Type	Dimensions	Digital Output	Analog Output	Power Supply	Price (€)
E48-1-0-0-0	48X48	1 X Relay	-	85- 265 VAC, 85- 375 VDC	210
E72-1-0-0-0	72X72	1 X Relay	-	85- 265 VAC, 85- 375 VDC	210
E49-2-1-0-0	48X96	2 X Relay	1X0 (4)-20 mA	85- 265 VAC, 85- 375 VDC	268
E94-2-1-0-0	96X48	2 X Relay	1X0 (4)-20 mA	85- 265 VAC, 85- 375 VDC	268
Other	On Request	On Request	On Request	On Request	Ask for Price



E50 / E70 / E90 SERIES

Standard	Optional
Input : T/C, R/T, Ma	Power Supply : 24 VAC
Output : Relay, SSR	
Display : 1x4 Digit LED	
Power Supply : 220 VAC	
Dimensions : 48X48, 72X72, 96X96	

Type	Dimensions	Digital Output	Analog Output	Power Supply	Price (€)
E50-6-0-0-0	48X48	1 X Relay	-	220 VAC	110
E70-6-0-0-0	72X72	1 X Relay	-	220 VAC	110
E90-6-0-0-0	96X96	1 X Relay	-	220 VAC	110
Other	On Request	On Request	On Request	On Request	Ask for Price

UNIVERSAL-ADVANCED CONTROLLERS

E200 / E210 SERIES

Standard	Optional
Input : T/C, R/T, Ma	Power Supply : 20-60 VAC, 20-85 VDC
Output : 4-20 mA, Relay, SSR	Connection : RS485
Display : 2x4 Digit LED	Software :
Power Supply : 85- 265 VAC, 85- 375 VDC	
Dimensions : 96X96	

Type	Dimensions	Digital Output	Analog Output	Power Supply	Price (€)
E-200-2-1-0-0	96X96	2 X Relay	1X4-20 mA	85- 265 VAC, 85- 375 VDC	324
E-200-2-1-0-1	96X96	2 X Relay	1X4-20 mA	85- 265 VAC, 85- 375 VDC	430
Other	On Request	On Request	On Request	On Request	Ask for Price

GENERAL SALES TERMS AND CONDITIONS

1. DEFINITIONS

In these Terms and Conditions of Sale, “Seller” means SMS TORK Endüstriyel Otomasyon Ürünleri San. Tic. Ltd. Sti.; “Buyer” means the person, firm, company or corporation by whom the order is given; “Goods” means Equipment described in the Seller’s Acknowledgement of order form.

2. ACCEPTANCE OF ORDERS.

Seller’s acceptance of all orders and all offers and sales by Seller are subject to and expressly conditioned upon Buyer’s assent to the terms and conditions of this Agreement. The Agreement consists of these sales terms and conditions, Seller’s quotation, if any and Seller’s order acknowledgement. Buyer’s acceptance of any offer by Seller must be made on such terms and conditions exactly as offered by Seller. Any of Buyer’s terms and conditions which are different from or in addition to those contained in this Agreement are objected to by Seller and shall be of no effect unless specifically agreed to in writing by Seller. Commencement of performance or shipment shall not be construed as acceptance of any of Buyer’s terms and conditions which are different from or in addition to those contained in the Agreement. If a contract is not earlier formed by mutual agreement in writing, acceptance by Buyer of products or services furnished by Seller pursuant hereto shall be deemed Buyer’s assent to all of the terms and conditions of this Agreement.

Buyer may request changes or additions to the Services and/or Goods consistent with Seller’s specifications and criteria. In the event such changes or additions are accepted by Seller, Seller may revise the price, fees and dates of delivery.

3. VALIDITY OF QUOTATION, PRICES, QUOTE DOCUMENTATION

3.1 Unless previously withdrawn, Seller’s quotation is open for acceptance only in its entirety and within the period stated therein or, when no period is so stated, within thirty days after its date.

3.2 Prices are for Goods delivered EXW (INCOTERMS 2000) Seller’s shipping point and exclusive of freight, insurance, handling and packing, unless otherwise agreed. If the Goods are to be packed, packing materials are non-returnable or value added tax; this is accounted separately in the invoice.

3.3 All Buyer’s orders with an order value less than EUR 5000 will be charged a customs fee of EUR 80.

3.4 Deduction of early payment discount requires a separate written agreement

3.5 We reserve property right sand copyrights in illustrations, drawings, calculations and other document. The buyer shall obtain our prior express written approval to duplicate or disclose said to third parties, specifically direct and indirect competitor. Int the event an agreement does not materialize, we reserve the right to reclaim our documentation

4. PAYMENT TERMS

Unless otherwise indicated in the order acknowledgement, the purchase price is due for payment net (without deduction) and same day within the invoice date.

5. DELIVERY

Unless otherwise agreed to in writing by Seller, products shall be shipped EXW Seller's manufacturing facilities (Incoterms 2000) to any location designated by Buyer and shall be deemed delivered to Buyer when delivered to the transportation company at the shipping point. Unless otherwise agreed to in writing by Seller, all transportation charges and expenses shall be paid by Buyer, including the cost of any insurance against loss or damage in transit which Seller may obtain at Buyer's written request. Seller reserves the right to ship products freight collect.

All products must be inspected upon receipt and claims filed by Buyer with the transportation company when there is evidence of shipping damage, either concealed or external.

6. WARRANTY

Warranty time period begins by the goods delivery date and this period is 2 years for production error.

In the warranty time period weather an occur due to production; maintenance will be done without any fee and maintenance time period is max. 30 working days.

Buyer is responsible from providing favorable conditions for storage and feature of system where product is located. During montage and storage Buyer have to use manual user which send with goods. Whether an error cause due to these points, our company does not accept any responsibility.

7. RETURN OF GOODS

7.1 The Seller is under no obligation to accept goods supplied ex stock. Goods supplied ex stock in accordance with the customer's order can only be returned with the express approval of the Company.

7.2 Goods returned without the prior written permission of Seller will not be accepted by Seller. Seller reserves the right to inspect goods prior to authorizing their return. Upon receipt of the returned goods, Seller will replace returned goods with conforming goods or, at Seller's option, issue credit to Buyer in an amount equal to the billing price of the goods.

8. COMPLIANCE WITH LAWS.

Buyer shall comply with all applicable laws, regulations, and other legal requirements regarding the export, import, sale, distribution, marketing, and service of the goods and related technology, including without limitation, tax and foreign exchange legislation or regulations and the obligations.

NOTES

[illegible]

NOTES

Handwriting practice lines consisting of 25 horizontal dashed lines.



35 YEARS OF LEADERSHIP EXPERIENCE IN THE SECTOR





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