















SOLENOID VALVES

Air, water, gas, steam, natural gas, LPG, gasoline, diesel, oil, hydraulic oil, CO₂, N₂, H₂, acit, hygienic fluids









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UKSEPRO **ROHS**



S1073 / S1040 / S1041 Series (Economic Series) (TORK - GT Series) gene

Application : Air, water, gas

Size : 1/8", 1/2" BSP (on request NPT)

3/8", 1/2" (Pilot Oparated)

Pressure : 0 bar...16 bar (orifice), 0.5...16 bar

Tube and internal part: Brass, Stainless Steel

Body : Brass

Seal : NBR, on request VITON

Temperature :-10 °C....80°C

Position : Normally Closed, Normally Open Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models



S1010 Series (TORK - GP Series)

general purpose...N.C



Application : Air, water, gas

Size : 1/8"......2" BSP (on request NPT)

Pressure : 0,5bar...16bar, (0 ... 16bar - 1/8"-1/4")

Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

Temperature : -10 °C....80 °C **Position** : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models

S1011 Series (TORK - GN Series), S1012 Series (TORK - GPA Series)

general purpose...N.O

Application : Air, water, gas

Size :1/8"......2" BSP (on request NPT)

Pressure : 0,5 bar...16 bar

Tube and internal part : Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

Temperature :-10 °C....80 °C **Position** :Normally Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S1050 Series (TORK - GD Series)

Application : Air, water, gas

Size : 3/8""......1" BSP (on request NPT)

Pressure : 0 bar...6 bar (orifice)
Tube and internal part : Stainless Steel

Body : Brass

Seal : NBR, on request VITON

Temperature : -10 °C....80°C

Position : Normally Closed (on request Normally Open)

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

general purpose...N.C (full body)





S9510 Series TORK air operated, N.O., 2/2 way

Application: Industrial Furnaces, Heating Equipment, Burners, Petroleum & Gas,

Industries, Medical Equipment, Industrial Machines Irrigation

Pressure :0 bar...10 bar

Fluid :Air, water, gas, fuel, oil etc.

Temperature :-10 °C....80°C

Diaphragm :NBR

Position : Normally Open (2/2 way)

Pilot Air Pressure: Pilot pressure must be more than fluid pressure

minimum 1 bar.

• It hasn't electrical equipment because of that it is suitable for using in Exproof applications.

• On request Viton or EPDM diaphragms are possible.



S1030/S1032/S1033/S1034 Series (TORK - GL / GLH Series) full orifice general purpose...N.C / N.A

Seal







S1030 (N.C.), S1032 (N.O.) 1.5 ... 6 bar (2 1/2" ... 3")

Application : Air, water, gas

Size : 3/8" ... 3" BSP (on request NPT) : 0,35 bar...12 bar / 1,5 ... 16 bar Pressure

Tube and internal part: Stainless Steel Body : Brass, steel casting or plastic

: NBR, on request EPDM : -10 °C....80 °C Temperature

Position : Normally Closed, Normally Open Coil Voltage : 230 V.110 V. 48 V. 24 V.12 V AC

110V,48V,24V,12V DC

Protection Class: IP65, IP68 and Exproof models

(on request $\Delta P : 0$)

S1070/S1072/S1080/S1082 Series (TORK - GLFH Series) full orifice general purpose...N.O (without tube)

Application : Air, water, gas Size : DN80 ... DN200 Pressure : 1,5 bar...16 bar Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

: -10 °C....80 °C Temperature

Position : Normally Closed, Normally Open : 230 V,110 V, 48 V, 24 V,12 V AC Coil Voltage

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S1081

S1020 / S1092 Series (TORK - GZ / GZN / GZL Series) ($\Delta P = 0$ bar) zero differential pressure, general purpose...N.C



Application : Air, water, gas

Size : 3/8" ... 1" BSP (on request NPT)

: $Obar...16bar (\Delta P: Obar)$ Pressure Tube and internal part: Stainless Steel

Body : Brass

: NBR, on request EPDM Seal

Temperature : -10 °C....80 °C Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

Inlet Pressure must be min 0,15 bar



S9112 / S9183 Series (TORK - PSV Series)

high pressure, piston type, general purpose...N.O. / N.C.

Application : Air, water, gas

Size : 3/8"...1" BSP (on request NPT)

Pressure : 2 bar... 70 bar N.C. / 2 ... 65 bar N.O.

Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR + PTFE, on request EPDM

Temperature :-10 °C....80 °C

Position : Normally Closed, Normally Open Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S1013 / S1014 Series (TORK - GH Series)

(40 bar) High pressure general purpose...N.C / N.O



Application : Air, water, gas

 Size
 : 1/8"......1" BSP (on request NPT)

 Pressure
 : 0,5bar... 40bar (1/8", 1/4"...100bar)

Tube and internal part: Stainless Steel

Body : Brass

Seal : PTFE + Viton
Temperature :-10 °C....80 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S1070 / S1071 Series (TORK - GH1/ GH1H Series)

(40bar) High pressure general purpose... N.C / N.O

Application : Air, water, gas

Size :3/8"......1" BSP (on request NPT)

Pressure : 0,5 bar... 40 bar Tube and internal part : Stainless Steel

Body : Brass

Seal : PTFE + Viton
Temperature :-10 °C....80 °C
Position : Normally Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S1060 Series (Energy possession series) (TORK - MI Series)

5 watt coil, general purpose... N.C



Application : Air, water, gas

Size : 1/8"......1" BSP (on request NPT)

Pressure : 0.3bar...12bar (1/2" ... 1")

0bar ... 12bar (1/8" and 1/4")

Tube and internal part : Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

Temperature : -10 °C....80 °C

Position : Normally Closed (on request air N.O)
Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC



S1074 / S1075 / S1077 / S1078 Series (TORK-GSL / GSLA / GHL / GHLA Series)

Application : Air, water, gas

: 1/8"......1/4" BSP (on request NPT) Size

: 0.5bar...16bar/40bar Pressure Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

Temperature : -10 °C....80 °C

: Normally Closed / Normally Open Position Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S1075 and S1078: Normally Open Series



S8210 / S8280 / S8275 Series (TORK - GF / GFN / GFE.3W Series)

Group plate mounting general purpose...N.C 2/2 and 3/2 way



S8275 (Brass body, 3/2 way) S8210 (Brass body , 2/2 way) 0 16 bar



S8280 (PVC body, 2/2 way) 0 6 bar

Application : Air, water, gas

Size : 1/8"......1/4" BSP (on request NPT)

: 0bar...16bar Pressure

Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

:-10 °C....80 °C Temperature

: Normally Closed / Normally Open Position Coil Voltage : 230 V.110 V. 48 V. 24 V.12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S1085 / S6083 Series (TORK-GR.3W / GRS Series) 2/2 way, 3/2 way Plate mounting, general purpose...N.C

Application : Air, water, gas

: 1/8"......1/4" BSP (on request NPT) Size

: 0 bar...10 bar Pressure

Tube and internal part: Stainless Steel **Body** : Brass, Stainless Steel : NBR, on request EPDM Seal

:-10 °C....80 °C **Temperature**

Position : Normally Closed / Normally Open Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

* S1083: 2/2 way plate mounting, on request manual control)







0 10 bar Stainless Steel Body

S1015 / S1017 Series (TORK - G.3W / GT.3W Series) Three way general purpose...N.C/N.O 3/2 way



Application : Air, water, gas

: 1/8".....1/4" BSP (on request NPT) Size

Pressure : 0bar...12bar

Tube and internal part : Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

Temperature :-10 °C....80 °C

Position : Normally Closed / Normally Open : 230 V,110 V, 48 V, 24 V,12 V AC Coil Voltage

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

* S1017: inlet from the top 3/2 way



S1018 Series (TORK - GY.3W Series)

Three way general purpose...N.C and N.O, 3/2 way New Type

Application : Air, water, gas

: 1/8"......1/4" BSP (on request NPT) Size

:0 bar...16 bar (on request 2.5 mm, 3.5 mm orifice) Pressure

Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

:-10 °C....80 °C Temperature : Normally Closed **Position**

: 230 V,110 V, 48 V, 24 V,12 V AC Coil Voltage

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S8790 Series (TORK-GMW Series)

Hose connection, general purpose...N.C



Application : Water, air, gas, LPG, diesel : 1/8", 1/4" BSP (on request NPT) Size

Pressure : 0 ... 7bar (5mm orifice) Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request VITON

:-10 °C....80 °C Temperature

Position : Normally Closed (on request Normaly Open)

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Ex-proof models

S7010 / S7020 / S7030 / S7031 Series (TORK-ExGM / ExGZ / ExGL / ExGLN Series)

Application : Air, water, gas

: 1/8"......2" BSP (on request NPT) Size

: 0,5bar...16bar, (TORK-Ex GZ: 0 ... 16 bar Pressure

Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, on request EPDM

:-10 °C....80 °C **Temperature**

Position : Normally Closed, Normally Open : 230 V,110 V, 48 V, 24 V,12 V AC Coil Voltage

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



0.5 ... 16bar: S7010 (N.C/N.O) (II 2G Ex mb IIC T4 Gb) (on request ATEX) $\Delta P = 0$ bar



ATEX, Ex-proof general purpose...N.C / NA

S7030 (N.C) Full Orifice S7031 (N.O) Full Orifice 0.3 12 bar

S7360 Series (TORK-ExMI Series) (Energy possesion type ATEX)

Ex-proof general purpose...N.C



Application : Air, water, gas

: 1/8" ... 1" BSP (on request NPT) Size

: 0,3bar...12bar Pressure

Tube and internal part: Brass, Stainless Steel

Body : Brass

: NBR, on request EPDM Seal

:-10 °C....80 °C Temperature

: Normally Closed (on request N.O open for air) Position

Coil Voltage : 230 V, 110 V, 24 V, 12 V AC

24 V, 12 V DC (5.5 watt)

Protection Class: IP65, IP68 and Exproof models

(II 2G Ex mb IICT4, T4 Gb)

SOLENOID VALVES / Steam Series



S2073 / S2040 / S2041 Series (TORK-BT Series)

Steam solenoid valves ... N.C

Application : Steam, hot water

Size : 1/8"......1" BSP (on request NPT)

Pressure : 0 bar... 5 bar

Tube and internal part: Stainless Steel

Body : Brass

Seal : VITON, EPDM
Temperature :-10 °C....160 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S2041 : Normally Open Series



S2010 Series (TORK-B Series)

Steam solenoid valves ... N.C



Application : Steam, hot water

Size : 1/8"......2" BSP (on request NPT)

Pressure : 0,5bar...5bar (1/8", 1/4": 0 ... 5bar)

Tube and internal part: Stainless Steel

Body : Brass

Seal : PTFE, VITON, EPDM

Temperature : -10 °C....160 °C (1 1/4" ... 2", 140°C)

Position : Normalde Kapalı

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S2012 Series (TORK-BA Series)

Application : Steam, hot water

Size :3/8"......2" BSP (on request NPT)

Pressure : 0,5bar...5bar

Tube and internal part: Stainless Steel

Body : Brass

Seal : PTFE, FKM, EPDM

Temperature :-10 °C....160 °C, (1 1/4" ... 2", 140°C)

Position : Normaly Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

Steam solenoid valves ... N.O (with tube)



S2011 Series (TORK-BN Series)

Steam solenoid valves ... N.O (inlet type)



Application : Steam, hot water

 Size
 : 1/8"......2" BSP (on request NPT)

 Pressure
 : 0,5bar...5bar (1/8" ... 1/4"; 0 ... 5bar)

Tube and internal part: Stainless Steel

Body : Brass

Seal : PTFE, FKM, EPDM
Temperature :-10 °C....160 °C
Position : Normally Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

SOLENOID VALVES / Steam Series



S2020 Series (TORK-BZ Series)

 $(\Delta P = 0 \text{ bar})$ Zero differential pressure steam solenoid valves ... N.C

Application : Steam, hot water

Size :3/8"......1" BSP (on request NPT)

Pressure : 0 bar... 5 bar

Tube and internal part: Stainless Steel

Body : Brass Seal : PTFE

Temperature :-10 °C....160 °C **Position** : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V. 48 V. 24 V. 12 V DC

Protection Class: IP65, IP68 and Exproof models



S2021 Series (TORK-BZN Series)

Zero differential pressure steam solenoid valves ... N.O



Application : Steam, hot water Size : 3/8"......1" BSP

Size :3/8"......1" BSP (on request NPT)

Pressure : 0 bar...5bar

Tube and internal part: Stainless Steel

Body : Brass

Seal : PTFE, VITON, EPDM
Temperature :-10 °C....160 °C
Position : Normaly Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S2090 Series (TORK-BR Series)

Application : Steam, hot water

Size : 1/8"...1/4" BSP (on request NPT)

Pressure : 0 bar...5 bar

Tube and internal part: Stainless Steel

Body : Brass Seal : VITON

Temperature :-10 °C....160 °C **Position** : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

Flow regulated steam solenoid valves ... N.C



S2013 / S2091 Series (TORK-BH / BHD Serisi)

High temperature steam solenoid valves ... N.C



Application : Steam, hot water
Size : 3/8" ... 1" BSP (on request NPT)
Pressure : 0,5 bar...6 bar S2013 Series

0 bar ... 6 bar S2091 Series

Tube and internal part : Stainless Steel

Body : Brass

Seal : PTFE, VITON, EPDM, FKM

Temperature :-10 °C....180 °C **Position** : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models * S2013: Model with diapraghm (3/8" ... 1")

* S2091 : Full body 3/8", 1/2"

SOLENOID VALVES / Steam Series



S2030 / S2031 Series (TORK-BL / BLN Series)

Full orifice steam solenoid valves ... N.C. / N.O

Application : Steam, hot water

Size :3/8"......2" BSP (on request NPT)

Pressure : 0.3 bar...3 bar Tube and internal part : Stainless Steel

Body : Brass Seal : EPDM

Temperature :-10 °C....140°C (1 1/4" ... 2", 140°C)

Position : Normally Closed, Normally Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S3030 / S3033 Series (TORK-VL / VLH Series)

Vacuum solenoid valves ... N.C



Application : Steam, hot water

Size : 3/8"......1" BSP (on request NPT)

Pressure : -1 ... 9 bar

Tube and internal part: Stainless Steel

Body : Brass

Seal : NBR, VITON, EPDM
Temperature : -10 °C....80 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S3010 Series (T-V Series)

Application : Air, water, gas

Size : 1/8"......1" BSP (on request NPT)

Pressure : -1 ... 3 bar / -1... 9 bar Tube and internal part : Stainless Steel

Body : Brass

Seal: NBR, VİTON, EPDMTemperature: -10 °C....80 °CPosition: Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

Vacuum solenoid valves ... N.C



S8510 / S8511 Series (TORK-PIN / PIN.N Series)

Pinch solenoid valves ... N.C, N.O



Application : Air, water, acid, oil, hygenic fluid type, corrosive fluid type

Size : 1/8", 6,7,8 mm plastic hose Tube and internal part : Stainless Steel

Body : Aluminium anodized
Seal : Plastic hose

Temperature :-10 °C....60 °C

Position : Normally Closed and Normally Open Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

24V,12V DC

SOLENOID VALVES / Fuel Oil Series



S4010 Series (TORK-Y Series)

Application : Fuel oil, diesel oil, hydraulic oil, burners

Size : 1/8"......2" BSP (on request NPT)

Pressure : 0,5 bar...16bar, (1/8", 1/4": 30 bar)

Tube and internal part: Stainless Steel

Body : Brass

Seal : VİTON, RUBY
Temperature : -10 °C....160 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models



S4011 / S4012 Series (TORK-YA Series)

Fuel oil solenoid valves ... N.O



Application : Fuel oil, diesel oil, hydraulic oil, burners
Size : 1/8"......2" BSP (on request NPT)
Pressure : 0,5 bar...16 bar (1/8", 1/4": 30 bar)

Tube and internal part: Stainless Steel

Body : Brass

Seal : VITON, RUBY
Temperature :-10 °C....160 °C
Position : Normally Open

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S4083 / S4085 Series (TORK-YP/YP3.W Series) (2/2 and 3/2 way) Plate mounting, Fuel oil solenoid valves ... N.C

Application : Fuel oil, diesel oil, hydraulic oil, burners

Size : 1/8"...Plate mounting

Pressure : 0 bar...12 bar, (on request 30 bar)

Tube and internal part: Stainless Steel

Body : Brass Seal : RUBY

Temperature :-10 °C....160 °C

Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

* S4085: 3/2 way plate mounting fuel oil valves (0 ... 30 bar)



S4015 Series (TORK-Y.3W Series)

3/2 way, Fuel oil solenoid valves ... N.C



Application: Fuel oil, diesel oil, hydraulic oil, burners

Size : 1/8".....1/4"

Pressure : 0 bar... 30bar

Tube and internal part : Stainless Steel

Body : Brass

Seal : VITON, RUBY
Temperature :-10 °C....160 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V,48,24V,12V DC

SOLENOID VALVES / Fuel Oil Series



S4030 / S4031 Series (TORK-YL / YLN Series)

Full orifice fuel oil solenoid valves ... N.C/N.O

: Fuel oil, diesel oil, hydraulic oil **Application** :3/8".....2" BSP (on request NPT) Size : 0.5 bar...12 bar / 0.3 ... 16 bar Pressure

Tube and internal part: Stainless Steel

: Brass **Body** : VITON Seal

Temperature :-10 °C....160 °C (1 1/4" ... 2", 140°C)

Position : Normally Closed (S4031 Series Normally Open)

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models

S4031: Normally Open fuel oil



S4013 / S4014 Series (TORK-YH / YHA Series)

High pressure fuel oil solenoid valves N.C/N.O



Application : Fuel oil, diesel oil, hydraulic oil : 1/8" ... 1" BSP (on request NPT) Size Pressure : 0,5 bar...40 bar and 0 bar ... 100 bar

Tube and internal part: Stainless Steel

: Brass Body : VITON Seal

:-10 °C....160 °C Temperature

Position : Normally Closed - Normally Open Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110 V, 48 V, 24 V, 12 V DC

Protection Class: IP65, IP68 and Exproof models S4014: High pressure Normally Open series

PTFE Coated Solenoid Valve & IP68 Coil

Under Water & Aggressive Environments

PTFE Coated solenoid valve and C42 seris IP68 Coils can be used in an environment with high humidity, rain and in places open to external influences such as water, 10 meters under water, in a dusty or acidic environment.

All our range of solenoid valves can be produced as capable of operating under aggressive environment and water.

: Air, water, acidicambient, under water application : 1/8" ... 2" **Application**

Size

Pressure 0 bar...100 bar (depends on the requested series)

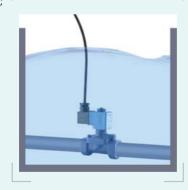
Tube and internal part: Stainless Steel Body Brass PTFE coated

Seal NBR, Viton, EPDM (depends on the requested series) -10 °C....160 °C (depends on the requested series) Temperature

Position Normally Closed or Normally Open

3 m standard Cable Length

Protection Class IP68



S8310 Series (TORK-LAC1 Series)

Latching solenoid valves ... N.C, 5.5 watt C20 coil



- Each time that the coil is energized, the valve changes its position (from NC to NO and vice-versa)
- To change the position, you need to re-energize the coil for short
- The coil cannot withstand continuous energy

Application : Air, water, gas : 1/8"....1" Size Pressure : 0.5 bar...12bar

Tube and internal part: Brass, Stainless Steel

Body : Brass Seal : NBR

Temperature :-10 °C....60 °C Position : Normally Closed Coil Voltage :3-12V DC

For alternative voltage; converter socket is used Protection Class: IP68 ve Exproof Models

SOLENOID VALVES / Compressor Series



S5010 / S5013 Series (TORK-GK Series)

Application : Air, water, hot and oily air

: 1/8"... 1" BSP (on request NPT) Size

: 0,5bar...16bar, Pressure Tube and internal part: Stainless Steel

Body : Brass Seal : VITON :-10 °C....80 °C **Temperature**

Position

: Normally Closed : 230 V,110 V, 48 V, 24 V,12 V AC Coil Voltage

110V, 48V, 24V, 12V DC

Protection Class: IP65 and Exproof models

S5010: N.C (0.5 ... 16 bar) S5013: N.C (0.5 ... 40 bar)



S5012 / S5014 Series (TORK-GKA/GK.HA Series)

2/2 way, compressor solenoid valves ... N.O / N.C



Application : Air, water, hot and oily air

:3/8"......1" BSP (on request NPT) Size : 0,5bar...10bar, (40 bar: GKH.A series) Pressure

Tube and internal part: Stainless Steel

: Brass Body

Seal : VITON, (PTFE+VITON)

Temperature :-10 °C....80 °C : Normally Open Position

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models S5012: N.O (0.5 ... 16 bar) S5014: N.O (0.5 ... 40 bar)

S5073 / S5074 / S5078 / S5080 Series (TORK-MIP.2W/MIP.3W/GKP/GKP.3W Series)

Application : Air, water, hot and oily air

Size : 1/8"..... BSP

: 0 bar...10 bar, (16 bar on request) Pressure

Tube and internal part: Stainless Steel

Body : Brass : VITON Seal **Temperature** :-10 °C....80 °C **Position** : Normally Closed,

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V, 12V DC

Protection Class: IP65, IP68 and Exproof models

* S5078: 2/2 way, plate mounting

Plate mounting, compressor solenoid valves ... N.C 2/2 and 3/2 way





TORK-MIP.2W : Plate mounting 2 way TORK-MIP.3W: Plate mounting 3 way

0 10 bar

S5015 / S5018 Series (TORK-GK.3W/GKY.3W Series)

Compressor solenoid valves ... N.C/N.O 3/2 way





Application : Air, water, hot and oily air

Size : 1/8"...1/4".... BSP

Pressure : 0bar...16bar, (40 bar on request)

Tube and internal part: Stainless Steel

Body : Brass Seal : VITON Temperature :-10 °C....80 °C

: Normally Closed, Normally Open Position Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

SOLENOID VALVES / Compressor Series



S8110 / S8180 Series (TORK-GDV/GZ.DV Series)

Drain compressor solenoid valves ... N.C

Application : Air, water, hot and oily air

Size : 1/8"... 1" BSP (on request NPT) : 0 bar ... 16 bar (1/8", 1/4") Pressure Tube and internal part: Stainless Steel

Body : Brass Seal : VITON : -10 °C....80 °C Temperature Position : Normally Closed

: 220/230V,110V,48V,24V,12V AC Coil Voltage

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models

Timer : with C93



 $0 \dots 16 \text{ bar}$ $\Delta P = 0 \text{ bar}$

Application





C93 / C94 Series (TORK-Z 720 /Z 790 Series)

Timer (for compressor solenoid valves)

: Timer for automatic drain solenoid valves

: 10 sec 45 min. Interval time Discharge time : 0,5 sec 10 sec. : 24V ... 220V, 7 mA Voltage Working temperature: -40 °C... +60 °C **Protection Class** : IP65 with connector

: LED (on-off) Indicator Manuel Test Switch : Included



TORK-SB 1 for big coils 10 watt - 14 watt



TORK-SB2 for small coils 5 watt

S9193 Series (TORK-SBV Series)

Electronic level sensing condensate Drain Valve

Connection : 1/2" BSP

Body : Poly-Amid, fibreglass reinfored, fire resistant

Working Pressure : 16bar Voltage supply : 220 V AC Working Temperature: 50 °C

Zero air loss electronic level sensing condensate drain which prevents the loss of valuable compressed air during the discharge of the condensate. State-of-the-art software is incorporated to measure the presence of condensate, 50 times per second.

Top and bottom condensate inlets allow the device to be widely applied.

One model for all applications up to 85m3/min (compressor capacity)



S9192 Series (TORK-CR Series)

Cryogenic Solenoid Valves



Application

: Cryogenic gases, propane, butane,

hydrogen, O₂, H₂, LNG, ethylene, glycol

Size : 1/8".....2"

Pressure :0,5bar...16bar, 20bar, 50bar, 500bar

Body : Brass MS58 , Stainless Steel Coil Voltage : 220V,24V,12V AC DC Exproof **Protection Class** : IP65 and Exproof models

Tube and internal part: Stainless Steel Position : Normally Closed Working Temperature :-200°C ... 130°C

SOLENOID VALVES / Stainless Series



S6070 / S6030 Series (TORK - SS / GHLS Series)

Stainless solenoid valves ... N.C - N.O, 2/2 way

Application : Acid, air, water, hot and oily air, H₂, O₂ : 1/8" ... 2" BSP (on request NPT) Size : 0 bar...16 bar (on request 200 bar) Pressure

Tube and internal part: Stainless Steel Body : Stainless Steel Seal : VITON, TEFLON **Temperature** :-10 °C....160 °C

: Normally Closed, (on request Normally Open) **Position**

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models



S6070

Position



2/2 way S6073

2/2 wav

S6010 / S6015 Series (TORK-SK/SK.3W Series)

Stainless solenoid valves ... N.C, 2/2 - 3/2 way



Application : Acid, air, water, hot and oily air Size : 1/8" ... 1/2" BSP (on request NPT) Pressure : 0 bar...16 bar (on request 50, 100bar)

Tube and internal part: Stainless Steel

: Stainless Steel Body Seal : TEFLON : -10 °C....160 °C **Temperature**

: Normally Closed Coil Voltage : 230 V.110 V. 48 V. 24 V.12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models

S6110 / S6210 Series (TORK-SV.R/SV.H Series)

Refrigeration solenoid valves ... N.C , 2/2 way

Application : Cooling systems, refrigerators, Size : 1/4", 3/8", 1/2", 5/8", 7/8" BSP : 0 bar...35 bar, 0.5 bar...21 bar Pressure Tube and internal part: Stainless Steel

Body : Brass MS58 **Temperature** :-30 °C....105 °C Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V,48,24V,12V DC

Protection Class: IP65



S7130, S8090 Series (TORK-GBZ Series)

Double stage gasoline solenoid valves ... N.C, 2/2 way



Application : Gasoline, diesel (Gasoline, diesel fitting pumps)

: 3/4"... 1" (S8090 series), Size 1"...2" (S7130 series)

Pressure

: 0,5 bar...10 bar (S8090 series), 0.5 bar...16 bar (S7130 series)

Tube and internal part: Brass

Body : Die cast aluminium (S8090 series).

Brass (S7130 series)

: Viton Seal

: -10 °C....160 °C Temperature Position : Normally Closed : 230, 12 V AC, Coil Voltage

Protection Class: Exproof models E.Ex.e.II.T4/T5

SOLENOID VALVES / Pulse Series



Pulse solenoid valves ... N.C

PL1010 Series (TORK-P Series)

Application : Air, jet pulse filters

:3/4".....3" BSP (on request NPT) Size

Pressure : 0,5 bar...8bar, Tube and internal part: Stainless Steel Body : Die cast aluminium Seal : NEOPRENE

Temperature :-10 °C....80 °C **Position** : Normally Closed

: 230 V,110 V, 48 V, 24 V,12 V AC Coil Voltage

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models

PL1010.07 Series 0.5 8 bar



PL1010.05 (3/4" .. 1")

PL1020 Series (TORK-PB Series)

Pulse solenoid valves ... N.C, remote control (without coil)







PL1020.05 (3/4" ... 1") 0.5 8bar

Application : Air, jet pulse filters

Size : 3/4"......3" BSP (on reguest NPT)

Pressure : 0.5 bar...8bar.

Tube and internal part: Stainless Steel : Die cast aluminium Body : NEOPRENE Seal

: -10 °C....80 °C Temperature Position : Normally Closed

Coil Voltage : 230 V.110 V. 48 V. 24 V.12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models

PL1030 / PL1050 Series (TORK-PRD Series)

Pulse solenoid valves with connective pipe ... N.C

Application : Air, jet pulse filters

Size :3/4"......1" BSP (on request NPT)

Pressure : 0,5 ... 7.5 / 9.5 bar Tube and internal part: Stainless Steel Body : Die cast aluminium : NEOPRENE Seal

:-10 °C....80 °C Temperature **Position** : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models



PL1050 Series (TORK-PRD Series) Pulse solenoid valves with connective pipe ... N.C. remote control, coupling connection



Application : Air, jet pulse filters

:3/4"......1" BSP (on request NPT) Size

Pressure : 0,5 ... 7.5 / 9.5 bar Tube and internal part: Stainless Steel Body : Die cast aluminium : NEOPRENE Seal

:-10 °C....80 °C Temperature Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

SOLENOID VALVES / Pulse Series



PL1070 / PL1090 Series (TORK-PF/PFB Series)

Application : Air, jet pulse filters

Size : 3/4"......1" BSP (on request NPT)

Pressure : 0,5 ... 7.5 / 9.5 bar

Tube and internal part : Stainless Steel

Body : Die cast aluminium

Seal : NEOPRENE
Temperature :-10 °C....80 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65, IP68 and Exproof models
* PL1090:Remote control, coupling connection pulse valve



C96 Series

Solenoid enclosure for remote control pulse valves

The solenoid enclosure is designed for the remote control of the main pulse valves and is protected by an aluminium diecasted dust and water-proof enclosure.

Type	Output
C96.04	4 output
C96.08	8 output
C96.10	10 output

C30 Series

C95 / C97 Series (TORK-PZR Series)

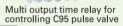
TORK pulse valve timers are used to activate the pulse valves mounted onto the dust filters according to certain sequences. Sequenced can be settled on the control pannel. Models with 8-16-24-32 outputs are available

C96 - Remote control box

Туре	Output
C95.08	8 output
C95.16	16 output
C95.24	24 output
C95 32	32 output (on rea

C95.32 32 output (on request 225 output)







Pulse valve timer

Multi output time relay for controlling C97 pulse valve

S9180 / S9181 Series (TORK-VF1 Series)

Vibro-flow





The VIBRA-FLOW fluidifying device prevents the material from packing down inside the container, thus increasing the effect of gravity and considerably reducing friction between the product and the container wall.

Products such as bentonite, ash, flour, cement, feldspar, soda, kaolin, aluminium, titanium dioxide, etc... fall more quickly, thoroughly and homogenously.

Can be installed inside the container (internal mounting) or outside the container in the event of inaccessible internal areas (outside mounting).

S9190 Series (TORK-RMEA Series)

Quick mounting electric actuated valves for HVAC, 2-way, 3-way)

These devices are used for HVAC (Heating, Ventilating and Air Conditioning) in a fast and reliable manner.

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

Body : Stainless Steel

Valve options : 2 way, 3 way

Temperature : 20 °C ... 80°C water, hot water

Voltage : 24 V DC/AC, 220 V AC,

on request 5V, 12V, 110V AC/DC

Opening/closing time: 5-7 second.



SOLENOID VALVES / Natural Gas Series



S8011 (TORK - GV) Series

Manuel Reset Natural gas solenoid valves ... N.O , 2/2 way

Application : Natural gas, LPG, gas

Size : 1/2".....2" BSP (screwed connection)

Pressure : 0 bar...500 mbar,

Tube and internal part: Brass, stainless steel

Body : Die cast aluminium

Seal : NBR

Temperature :-10 °C....80 °C
Position : Normally Open
Coil Voltage :230V AC,12 V DC

Protection Class: IP65, IP68 and Exproof models



0 500 mbar

1/2" ... 2"

S8079 Series (TORK-GVF Series)

Flanged Manuel Reset Natural gas solenoid valves ... N.O, 2/2 way



S8079 0 500 mbar

NW65, NW80,NW100

Application : Natural gas, LPG, gas Size : NW65, NW80, NW100 (Flanged connection)

: 0 bar...500 mbar,

Tube and internal part: Brass, Stainless Steel

Body : Aluminium Seal : NBR

Pressure

Temperature :-10 °C....80 °C
Position : Normally Open
Coil Voltage :230V AC.12 V DC

Protection Class: IP65, IP68 and Exproof models

S8086 Series (TORK-GVC Series)

(Manuel Reset) Manuel Reset Natural gas solenoid valves ... N.C , 2/2 way

Application : Natural gas, LPG, gas Size : 1/2".....2" BSP Pressure : 0 bar...500 mbar,

Tube and internal part: Brass, Stainless Steel

Body : Die cast aluminium

Seal : NBR

Temperature : -10 °C....80 °C
Position : Normally Closed
Coil Voltage : 230V AC,12 V DC

Protection Class: IP65, IP68 and Exproof models

(Closed circuit, continious energy When coil is de-energized valve

changes its position).



S8080 Series (TORK-GVD Series) Full Body, Direct Operated Natural gas solenoid valves ... N.C , 2/2 way



Application : Natural gas, LPG, gas, burners

Size : 1/8".....1/2" BSP

Pressure : 0 ... 6 bar

Tube and internal part : Stainless Steel

Body : Aluminium Seal : NBR

Temperature :-10 °C....80 °C
Position : Normally Closed

Coil Voltage : 230 V,110 V, 48 V, 24 V,12 V AC

110V, 48V, 24V,12V DC

Protection Class: IP65 ve Exproof models

SOLENOID VALVES / Natural Gas Series



FDV Series Earthquake Shut-off Valves

Suitable Gas: Natural Gas, LPG, Methane, Prophane, Air, etc. / Fluid in the form of gas Aluminium Body, Internal parts are brass and stainless steel.

This valve is designed to automatically shut the gas flow off in case of an earthquake within TS12884 standards.

The valve provides the required shut-off when it is subjected to seismic vibration which is set according to the standard given accelaration value conditions.

:1 1/4 " ... 2" Size Working Pressure :0-500 mbar Max Pressure Endurence: 2.5 bar Threaded Length : min 20 mm Working Temperature :-30°C, +60°C

FDV Series, Earthquake Shut-off Valves



TORK-GA 10 Series / TORK-GA 20, TORK-GA 21 Series

Natural gas, LPG Alarm Detector



Detects combustible gases such as LPG, natural gas, propane. Installed at home and at any potentially hazardous areas.

: TS EN 50014 - TS EN 50194 Standard

Exproof Class : Eex d IIC T6

: A type (Alarm + relay output) Type

: 220V, 230V, 50/60Hz Voltage supply : 220V, 230V 7A Relay output

Alarm level : 85 dB First Calibration : 1,5 min. Power consumption: 2,5 Watt

Sensor type : Semiconductor : Normally Open, SPST Contact output (on request SPDT)

TS EN 50014 TS EN 50194

GA10 (Natural gas, LPG)

GR 20/ GR 30 / GR 60 / GF 10 Series

Filters the particles located in the gas possing through the naturalgas lines.

Gas pressure is stabelled at a precise valve thanks to the regulators

GR 20 : 1 1/4" 2" Filtered regulator with no safe to closing

500 m bar TS10624

GR 60 :1/2" ... 2" Filtered regulator with safe to closing

1 bar, TS10624

GF 10 : 1/2" ... 3" Natural gas filter 2-4 bar, TS10276

: Aluminium Body

Connection : Screwed and flanged

Input Pressure : 2.1 bar

Output adjustment range : 0 - 500 mbar (Output pressure range

must specify user)

Natural Gas Filters, Filtered regulators





GR60

GF10

GR90 / GR91 / GR92 Series (Bellofram)

SHUT-off filter, regulator for natural gas, LPG





: GR90 Type Size :1" ... 2" threaded connection Inlet Pressure: 379 bar Inlet Pressure: 27-50 psi, 46-95 psi, 90-150 psi, 275-500 psi **Body** : Steel Type Size Inlet Pressure: 28 bar

· GR91 : 3/8" ... 1" threaded connection

Inlet Pressure: 0-30 psi, 0-60 psi, 0-125 psi

: Aluminium Body : GR92 Type

:1/4" threaded connection Size

Inlet Pressure: 379 bar

Inlet Pressure: 0-30 psi, 0-60 psi, 0-125 psi, 0-150 psi, 0-225/500 psi

Body : Brass

SOLENOID VALVES / Isolation and Plastic Series



Isolation Valves (for acid)

S8410 Series / S8450Series (TORK-PL Series)

Application: Acid, aggressive media, inert gas, air, water, gas, oil

Size : 3/8", 3/4", 1/4", 1/2" BSP (on request NPT)

Pressure :-1 ... 6 bar (Depends on the size)

Tube and internal part: Stainless Steel

Body : PVC Seal : FKM

Temperature :-10 °C 80°C **Position** : Normally Closed

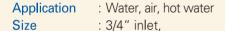
Coil Voltage : 230/230V,110V,48V,24V,12V AC

110V, 48V, 24V,12V DC

Protection Class : IP65, IP68 and Exproof models



S8710 Series (TORK-PL2 Series)



10.5mm hose outlet

Pressure : 0,3 -10 bar
Diyafram : VITON, EPDM
Temperature : 25 °C water

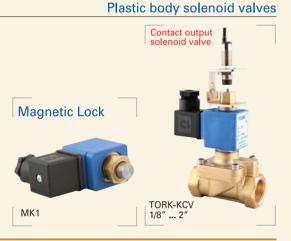
90°C hot water

Body : PA

Position : Normally Closed

Voltage : 230V

(24V on request)



S8910 Series (TORK-GPP Series) Irrigation PVC valves (parcs, gardens, greenhouses, agricultural irrigation) ... N.C



S8710

Application : Parks, gardens, green houses,

agricultural irrigation

Size : 3/4" ... 3" BSP (on request NPT)

Pressure : 0,5bar...10bar

Tube and internal part : Stainless Steel Body : Reinforced Nylon

Seal : NBR

Sicaklik : -10 °C....50 °C

Position : Normally Closed

Bobin Voltajı : 230 V, 110 V, 24 V, 12 V AC

24 V, 12 V DC, Latching model (6V, 12V, 24 V)

Protection Class: IP67



TORK-GPP Series

Coils (IP65, IP68 and Ex-proof Series)

Connectors (With / without LED) (TORK-SK Series)



Coil: C40, C41, C42 18W, 15VA AC C44, C45 18W, 15VA AC C20, C21 5W DC, 7.5VA AC C30 14W DC, 21VA AC Voltage: 12V, 24V, 48V, 110V

230V AC

12V, 24V, 48V, 110V DC



Protection Class: IP65 C80, C81 connectors for C10,C30 and C40 TORK coils

C85, C86 connectors for C20 TORK coils

Standard: DIN43 650A/B

PWM C82, C84 Energy Saving connectors

