

Compressor Solenoid Valves

S5059 Series (G1/8")



• NORMALLY CLOSED • 3 WAY

• DIRECT ACTING

General Features

- S5059 TORK series direct acting, high pressure valve, 3/2 way and normally closed
- Solenoid valves are used with filters
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- No pressure difference is required. Optionally, the solenoid valve can be mounted on the plate using four holes.



Electrical Characteristic

Continuous Duty	: ED %100
Coil Insulation Class	: H (180°C)(IEC 85)
Coil Impregnation:	: Güçlendirilmiş Fiber Glass
Ambient Temperature	: -10° C...+60°C
Protection Degree	: IP65 (ISO 60529) İstek Üzerine; IP68
Electric Plug Connection:	DIN 46340 3 Kutuplu Soket (DIN436)
Connector Specification :	ISO 4400 / EN 175301-803 Form A,
	Terminal (Kablo Ø6-8 mm)
Electrical Safety	: IEC 335
Standard Voltages	: AC 12V 15VA, 24V 15VA, 48V 15VA, 110V 15VA, 230V 15VA, 230V 24VA DC 12V 18W, 24V 18W, 48V 18W, 110V 18W

On request other voltages

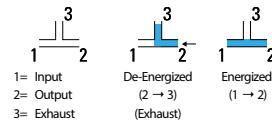
Voltages Tolerance : AC -15%, +10% DC -5%, +10%

Frequency : 50 Hz (60 Hz...)

On request; Connector with LED, PWM Socket

Siparişlerde bobin gerilimi veriniz. Detaylı bilgi için bobin bölümüne bakınız.

DIRECT ACTING



Materials in Contact with Fluid

Body	: Brass
Internal Parts	: Stainless Steel
Sealing	: VITON
Shading Ring	: Copper (EN 12735-1)
Seats, Core Tube, Springs	: Stainless Steel

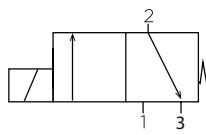
Technical Features

Max. Viscosity	: 5°E (-37cST or mm ² /s)
Response Time	: Opening Time : 30 ms
	Closing Time: 30 ms

Option

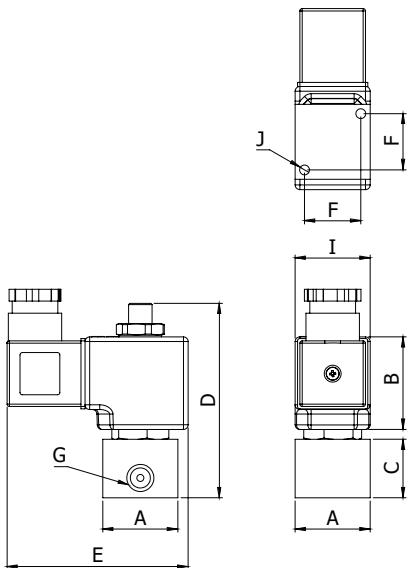
Female connection : BSP, on request NPT

- On request manual control can be added.
- On request CR-Ni plated.
- On request PTFE coated.
- On request Atex (exproof) coil

Solenoid Valve Symbol		Valve Type/ Order No	Connec- tion Size	Orifice Size	Max. Pressure (bar)		Kv	Sealing	Weight
DIRECT ACTING	 	S5059	G	mm	Bar	Bar	Lt/ min	VITON	kg
		S505900010V	1/8"	1	0	16	0,5	✓	0,50

Compressor **Solenoid Valves**

S5059 Series (G1/8")



Direct Acting/ Dimensions (mm)								
G	A	B	C	D	E	F	I	J
1/8"	32	39,50	25	83	77	24	32	M5
1/4"	32	39,50	25	83	77	24	32	M5

Coils & Sockets

- As standard use selected C40 series coil chosen for the appropriate voltage. Coil standard powers are 15VA or 18W. For other power values, please refer to the valve datasheet or contact the company.
- Sockets for C40 coils: C80 - standard socket, C81 - LED socket, C82 and C83- Power Save Socket PWM, C84 - AC to DC socket
- Complete factory assembled valves with coil and socket can be ordered, for that purpose after the valve body code specify the coil and socket.

For example; S1030.03.125.E-C40230VAC24VA-C80 is the S1030.03.125.E valve body with a C40 series coil 230V AC 24VA and C80 socket.

- For IP68 use a C42 series coil (C42 coils are with cable, no additional socket is necessary).
- For use in ATEX zones use a C41, C43, C46 or C47 series coil (All exproof coils are with cable, no additional socket is necessary).
- Detaylı bobin ve soket bilgileri için özel veri sayfalarına bakınız.

C40: Standard Coil

C41 : M Type Ex Proof Standard Coil

C42 : IP68 Coil

C43 : D Type Ex Proof Coil

C46: m Type Ex Proof Coil with Thermic Switch

C47 : m Type Ex Proof Coil with PWM Control

Standards

TORK solenoid valves 97/23/EC are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

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