

General Description

A high flow / high pressure piston type valve with 304 Stainless Steel body and Teflon seats.

HT coil (flying leads) 180°C (standard).

DIN coil 120°C c/w LED plug.

Fluids up to 50 CST viscosity.

Typical Applications: High pressure irrigation, laundry equipment, Hospitals, chemical, compressed air & general industry.



S75 with DIN Plug



S75 with Flying Leads

Model	Function	Port Size BSP	Orifice Ømm	CV	Pressure (BAR)			Vacuum Hg"	Media Temp	Weight Kg	Features	
					Fluid DIN Coil	Air DIN Coil	Steam Fly/Lead					
Pilot Plunger with Piston Operation – Normally Closed												
S75-3-15	N.C	3/8	15	4.5	0.5-20	0.5-20	0.5-10	NA	-10°C	1.65	Body- 304 Stainless Steel	Air & Fluid Also available in normally open. See series B76.
S75-4-15		1/2	15	4.5	0.5-20	0.5-20	0.5-10		1.65			
S75-5-20		3/4	20	9.3	0.5-20	0.5-20	0.5-10		2.13			
S75-6-25		1	25	13.2	0.5-20	0.5-20	0.5-10		2.35	Piston Ring & Seats- Teflon		
S75-7-35		1 1/4	35	26	0.5-20	0.5-20	0.5-10		3.85			
S75-8-35		1 1/2	35	26	0.5-20	0.5-20	0.5-10		3.30	Operator- Stainless Steel		
S75-9-50		2	50	48	0.5-20	0.5-20	0.5-10		7.35			
S75-6F-25		Flange	Flange	25	13.2	0.5-20	0.5-20		0.5-10		5.10	
S75-7F-35				35	26	0.5-20	0.5-20		0.5-10		8.00	
S75-8F-35				35	26	0.5-20	0.5-20		0.5-10		8.15	
S75-9F-50	50			48	0.5-20	0.5-20	0.5-10	13.10				
	N.C	Flange						180°C				

IMPORTANT – Chemical Resistance

For specific information on chemical resistance of valve components to various Liquids and Gases, refer to the manufacturer or your distributor. See over page for applications warning. It is the responsibility of the user to determine suitability of the liner and body material to the application.

S7
5
-
4
-
15
-
1
T
F

Series S7

Function
5 - normally closed

Code	Ports Size BSP
2	1/4
3	3/8
4	1/2
5	3/4
6	1
7	1 1/4
8	1 1/2
9	2
F	Flanged (ANSI 150 standard)

Orifice

Code	Voltage
1	240v/50Hz
2	110v/50Hz
5	24v/50Hz
7	12vDC
8	24vDC
9	48vDC
11	415v/50Hz

Optional Extras

F Flying Leads. High temperature to 180°C
DIN DIN coil c/w LED plug. Suitable to 120°C

2
1

Earth Terminal
Connector Plug with LED
1 & 2 Input Terminals
(Non polarity Conscious)

Piston ring & armature seat

T Teflon

Model DIN	Power			Insulation Grade
	AC (VA)		DC (Watt)	
	50Hz	60Hz		
S75-3 to 9 DIN	24.4	19.8	17.5	F
S75-3 to 9 Flying Lead	15.4	12.1	12.5	H

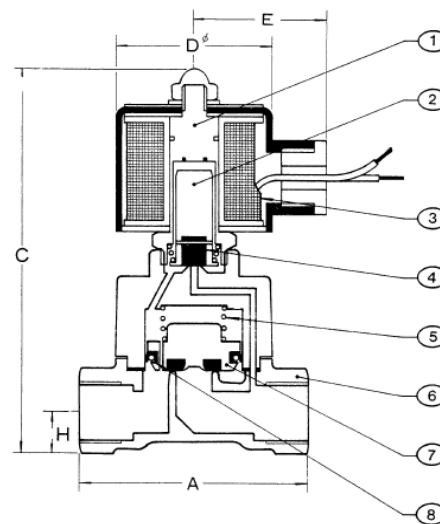
Ordering Example: S75-4-15-1TF = 1/2" BSP 240VAC, High temp coil with flying lead

HIGH FLOW / HIGH TEMPERATURE/ BRASS BODY SOLENOID VALVE

**SERIES
S75**

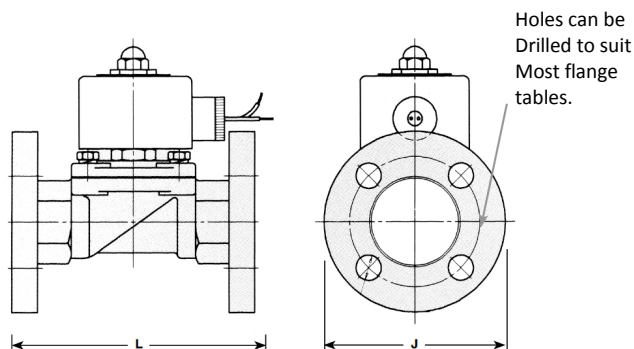
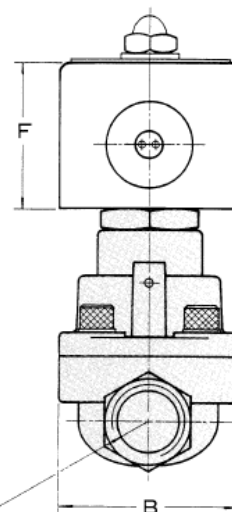
Valve Materials

Item	Article	Material
1	Armature	Stainless Steel 304
2	Plunger	Stainless Steel 304
3	Coil	Brass Wire
4	Plunger Seat	Teflon
5	Spring	Stainless Steel 304
6	Valve Body	Stainless Steel 304
7	Piston	Brass
8	Leak proof Ring	Teflon



Dimensions Unit: mm

Model	A	B	C	D (DIN)	E (DIN)	F	G	H	J	L
S75-3-15	75	52	129	52	45	41	3/8	14.5		
S75-4-15	75	52	129	52	45	41	1/2	14.5		
S75-5-20	85	60	141	52	45	41	3/4	18		
S75-6-25	100	70	148	52	45	41	1	23		
S75-7-35	120	90	168	52	45	41	1 1/4	33		
S75-8-35	120	90	168	52	45	41	1 1/2	33		
S75-9-50	150	122	203	52	45	41	2	40.5		
S75-6F-25				52	45	41	Flange		114	130
S75-7F-35				52	45	41	ANSI		117	160
S75-8F-35				52	45	41	150		127	160
S75-9F-50				52	45	41	(std)		152	200



THIS DATA SHEET CAN BE DOWNLOADED FROM OUR WEB SITE



PROCESS SYSTEMS PTY LTD
A.B.N. 15 010 932 386

Email: sales@processsystems.com.au
P.O. Box 2070 Wellington Pt. Qld. 4160
Corner Lytton & Ramsay Rd. Hemmant, Brisbane
Queensland 4174 Australia

Website: www.valvesonline.com.au
Int. Fax +61 7 3890 3133
Phone 1300 887 880 (6 lines)
Int. Phone: +61 7 3890 3122

WARNING

These products are intended for use in industrial applications only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical Data' and in our individual 'Series' data sheets. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult **Process Systems Pty Ltd.**

Through misuse, age, or malfunction, components used in industrial valve applications can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in industrial valve applications and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure. **System designers must provide a warning to the user in the system instructional manual if protection against a failure mode cannot be adequately provided.**

System designers and end users are cautioned to review specific warnings or specifications found in instruction sheets or labels packed or attached and shipped with the products. Our policy is one of continuous research and development. We therefore reserve the right to amend without notice the specifications given in this document or our individual 'Series' data sheets.

WARRANTY INFORMATION

Series S75 and all other products manufactured or distributed by Process Systems Pty. Ltd. are warranted by Process Systems to be free of defects in material and workmanship for a period of 1 year from the date of purchase or as the manufacturer warrants. Process Systems obligation under this warranty is limited to repair or replacement of the defective product or refund of the purchase price paid solely at the discretion of Process Systems and provided such defective product is returned to Process Systems freight prepaid and upon examination by Process Systems such product is found defective. This warranty shall be void in the event that the product has been subject to misuse, misapplication, improper maintenance, modification or tampering. This warranty is expressed in lieu of all other warranties, expressed or implied from Process Systems Pty. Ltd. representatives or employees. Process Systems reserves the right to change Valve and Brochure specifications without notice. 01/10