



Self closing valve straight type 921002

Description

Self closing valve used in water or fuel systems where the valves are opened with the lever and closed automatically by the spring. Can be locked in closed position by the handwheel. Metal sealing.

Specifications

Flange standard:	ISO 7005-2, ASME B16.42
Face to face standard:	ISO 5752, basic series 1
Bonnet connection:	Bolted
Execution:	Straight
Connection type:	Flanged
Operation:	Handwheel, Selfclosing
Actuation:	Multiturn



Media

Thermal oil. Fuel oil, lubricating oil and flammable hydraulic oil. Cargo oil. Non-flammable hydraulic fluid. Boiler feedwater, condensate. Seawater and freshwater.

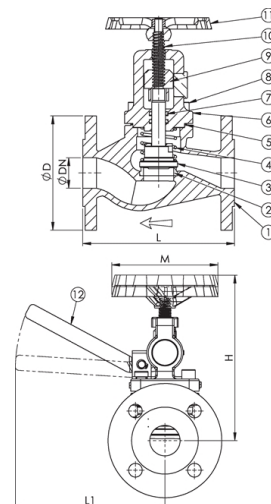
Material

No.	Part	Material
1	Body	Ductile iron EN-JS1030 (GGG40)
2	Seat ring	Stainless steel 1.4301 (AISI304)
3	Disc	Stainless steel 1.4301 (AISI304)
4	Spring	Spring steel SH (1084 ASTM A713)
5	Gasket	NBR bonded aramid
6	Bonnet	Ductile iron EN-JS1030 (GGG40)
7	O-ring	FPM/FKM
8	Screw	8.8 FZB
9	Setting nut	Brass CW617N (Ms58)
10	Stem	Stainless steel 1.4301 (AISI304)
11	Handwheel	Cast iron EN-JL1040 (GG25)
12	Lever	Stainless steel 1.4301 (AISI304)



Max. working pressure (bar) at °C

DN	Connection	up to 120°C	180°C
15 - 80	PN 16	16	10
15 - 80	ANSI 150	16	10



DIN

DN	Pressure rating	Connection	L	D	L1	H	M	Weight (kg)	Color	Item no.
15	PN 16	PN 16	130	95	166	185	120	4.2	Red RAL 3011	75662
20	PN 16	PN 16	150	105	166	185	120	4.7	Red RAL 3011	75663
25	PN 16	PN 16	160	115	168	195	120	5.6	Red RAL 3011	75664
32	PN 16	PN 16	180	140	168	194	120	7.1	Red RAL 3011	75665
40	PN 16	PN 16	200	150	201	217	140	10.0	Red RAL 3011	75666
50	PN 16	PN 16	230	165	204	217	140	12.0	Red RAL 3011	75667
65	PN 16	PN 16	290	185	278	254	140	17.0	Red RAL 3011	75668
80	PN 16	PN 16	310	200	285	259	160	24.0	Red RAL 3011	75669

All measurements in mm. Weights are approximations.

Flanges drilled ANSI

DN	Pressure rating	Connection	L	D	L1	H	M	Weight (kg)	Color	Item no.
15	PN 16	ANSI 150	130	95	166	185	120	4.2	Red RAL 3011	93197
20	PN 16	ANSI 150	150	105	166	185	120	4.7	Red RAL 3011	75913
25	PN 16	ANSI 150	160	115	168	195	120	5.6	Red RAL 3011	75837
32	PN 16	ANSI 150	180	140	168	194	120	7.1	Red RAL 3011	93198
40	PN 16	ANSI 150	200	150	201	217	140	10.0	Red RAL 3011	92749

All measurements in mm. Weights are approximations.



Flanges drilled ANSI

DN	Pressure rating	Connection	L	D	L1	H	M	Weight (kg)	Color	Item no.
50	PN 16	ANSI 150	230	165	204	217	140	12.0	Red RAL 3011	75840
65	PN 16	ANSI 150	290	185	278	254	140	17.0	Red RAL 3011	75841
80	PN 16	ANSI 150	310	200	285	259	160	24.0	Red RAL 3011	92751

All measurements in mm. Weights are approximations.