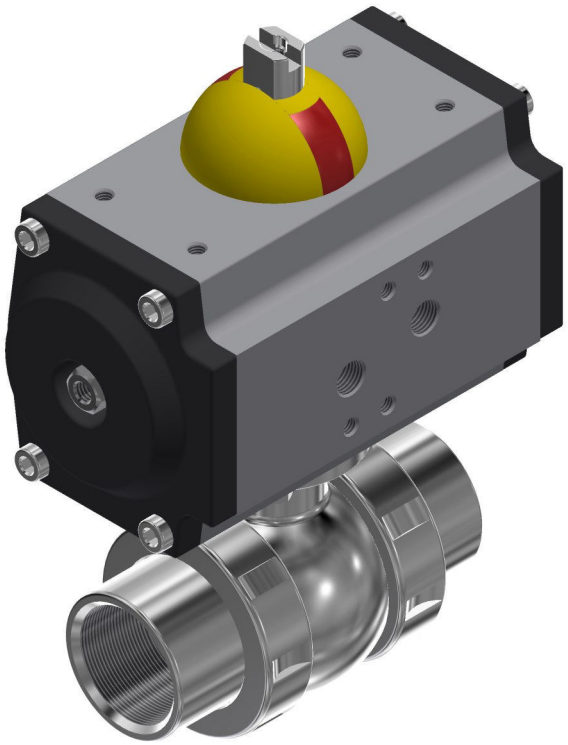
Pneumatic ball valves ON-OFF
Series VSP/2V - FF/BW/SW

KLINGER ITALY SRL - Viale Alcide De Gasperi, 88 — 20017 RHO (MI) ITALY
klinger@klinger.it — www.klinger.it
Tel.: +39 02 933331

Technical data

Size (DN)	DN 10 - 50
Rating	PN 40 (10-25) - PN 16 (32-50)
Connections	Female threaded GAS (FF) - ISO 228 Butt weld (BW) Socket weld (SW)
Actuator	Pneumatic rotating 90° - DOUBLE EFFETCT - anodized alloy aluminium
Supply	min 6 / max 10 bar
Temperature	from -25 to +120 °C

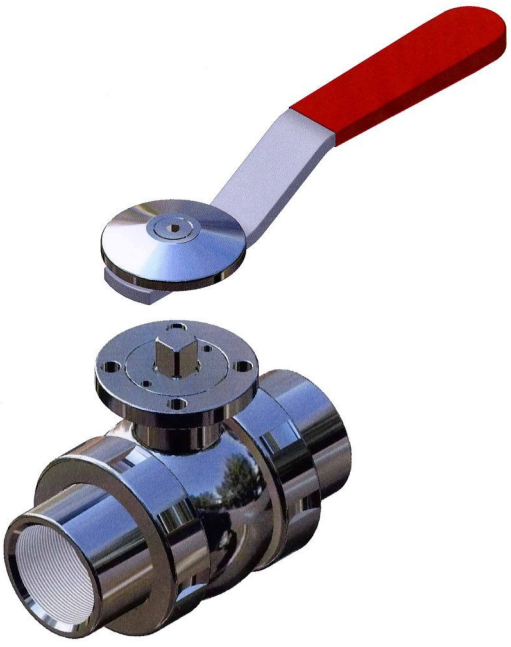


Description

The ball valves can intercept different type of fluid : steam, water, no-explosive gas, corrosive fluids, colors, chemical products, etc. They can be employed in several sector as: textile dyeing and finishing plants, chemical plants, water-treating, alimentary, general industrial plants.

Options

⇒ Pneumatic actuator SIMPLE EFFECT
⇒ Special Seals (max 180 °C)
⇒ Mechanical limit switch / proximity / microswitches box
⇒ Pneumatic / electropneumatic positioner
⇒ Solenoid
⇒ Operated by MANUAL LEVER



KLINGER reserves the right to make improvements without prior notice 12/16

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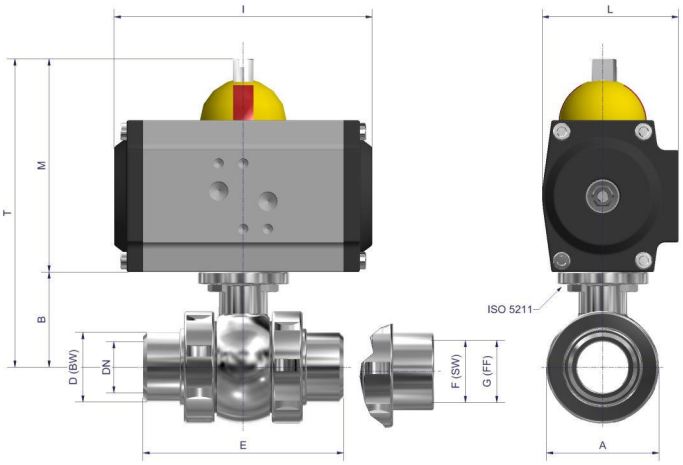
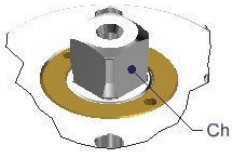
Materials	
Valve body	AISI 316/316L
Seats	PTFE (STD) - PTFE/CG - PTFE+GLASS - PEEK (max 180 °C)
O-rings	FPM
Ball	AISI 316/316L
Stem	AISI 316/316L
Connections	AISI 316/316L





Dimensions (mm)

DN - actuator	**A**	**B**	**Ø D**	**E**	**Ø F**	**G**	**I**	**L**	**M**	**T**	**ISO 5211**	**Ch**	**weight (Kg) ***
10 - 43/90 DE	45	41,5	17,5	84	17,7	3/8”	116	62	96	143,5	F03	9	1,30
10 - 52/90 DE							132	69	105	152,5			1,60
10 - 43/90 SE			21,3				116	62	96	143,5			1,30
15 - 43/90 DE					21,5	1/2”	116	62	96	143,5			1,30
15 - 52/90 DE							132	69	105	152,5			1,60
15 - 43/90 SE							116	62	96	143,5			1,30
15 - 52/90 SE							132	69	105	152,5			1,60
20 - 43/90 DE	48	43	26,9	90	27	3/4”	116	62	96	145			1,40
20 - 52/90 DE							132	69	105	154			1,70
20 - 52/90 SE							132	69	105	154			1,70
25 - 52/90 DE	60	48	33,7	98	33,9	1”	132	69	105	159			1,95
25 - 52/90 SE							132	69	105	159			1,95
32 - 52/90 DE	70	54	42,4	110	42,7	1”1/4	132	69	105	165	F05	14	2,60
32 - 63/90 SE							137	80	105	179			3,15
40 - 52/90 DE	80	58	48,3	114	48,8	1”1/2	132	69	105	169			2,90
40 - 63/90 SE							137	80	119	183			3,45
50 - 63/90 DE	90	65	60,3	150	60,8	2”	137	80	119	190			4,55
50 - 83/90 SE							180	100	139	210			5,60

DE = double effect SE = simple effect

* Actuator without accessories.

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