

BSV-2EN

■Features

1. Non-rising handwheel: Free from foreign substance trouble because most threaded surface is covered.
2. No leakage by two-stage sealing of double bellows and gland packing.
3. Gland packing does not need retightening nor applying pressure on spindle, thus handwheel can be turned with small torque without interference from the spindle.
4. Maintenance-free: No need to replace or retighten gland packing.



■Specifications

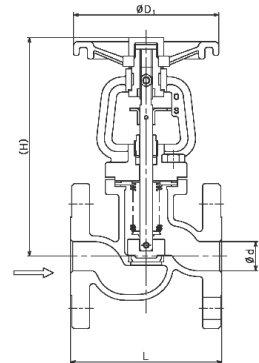
Model	BSV-2EN	
Application	Steam, Air, Cold and hot water, Oil, Other non-dangerous fluids	
Nominal size	15A-200A *1	
Max. pressure	1.6 MPa *2	2.5 MPa *2
Max. temperature	350°C *2	
Material	Body	Ductile Cast Iron *3
	Bonnet	Ductile Cast Iron
	Valve	Stainless steel
	Valve seat	Stainless steel
	Bellows	Stainless steel (SUS316Ti)
Connection	EN 1092-2 PN16	EN 1092-2 PN25

*1 If 250A is needed, please contact us.

*2 According to PT rating.

■Dimensions (mm) and Weights (kg)

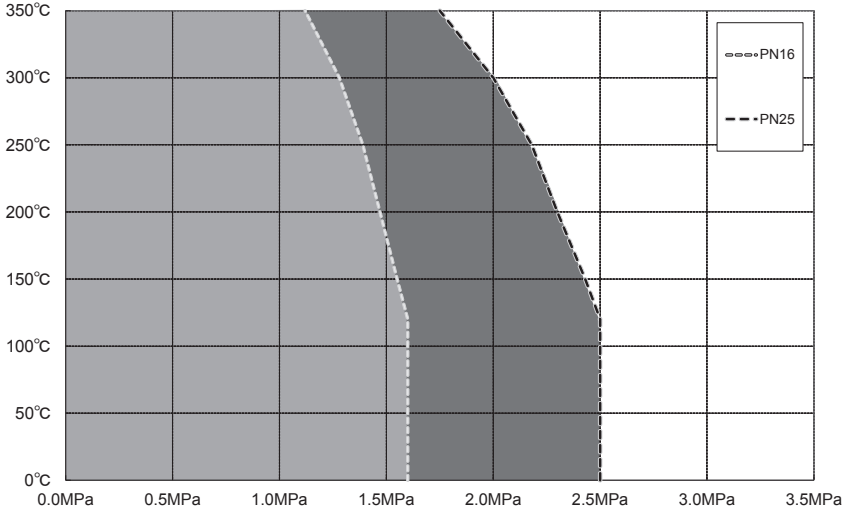
Nominal size	L	H	Weight
15A	130 (130)	184 (184)	3.2 (4.0)
20A	150 (150)	184 (184)	3.9 (4.5)
25A	160 (160)	188.5 (188.5)	4.6 (5.5)
32A	180 (180)	193 (193)	6.5 (8.0)
40A	200 (200)	235.5 (235.5)	9.0 (11.5)
50A	230 (230)	235.5 (235.5)	11.0 (14.0)
65A	290 (290)	252.5 (252.5)	15.8 (18.0)
80A	310 (310)	272.5 (272.5)	20.5 (22.0)
100A	350 (350)	348 (348)	35.0 (35.0)
125A	400	358.5	49
150A	480	440.5	70
200A	600	570.5	122



· Face-to-face dimension: EN 558-1 series 1.

· The number in parenthesis are for PN25.

■ Pressure and Temperature Rating



- This chart shows PT rating of PN16 and PN25 for ductile cast iron flanges according to EN 1092-2.
- BSV-2EN PN16 flanged can be used in lightly highlighted area. BSV-2EN PN25 flanged can be used in both light and dark highlighted areas.
- If detailed values of maximum fluid temperature and maximum pressure are needed, please see the following table:

Acc to EN 1092-2		Temperature [°C]					
Material	PN	-10 up to 120	150	200	250	300	350
Ductile cast iron	16	1.60 MPa	1.55 MPa	1.47 MPa	1.39 MPa	1.28MPa	1.12MPa
	25	2.50 MPa	2.43 MPa	2.30 MPa	2.18 MPa	1.25 MPa	1.75 MPa