

Bellow sealed globe valve

FIG. P SERIES

DN 15-400 PN 16-40

Carbon steel, alloy steel and stainless steel

Design

Bellow sealed globe valve in forged and cast steel

- Straight pattern with bolted bonnet
- Rising, non rotating stem
- Blowout safety bonnet sealing
- Flange- or BW-ends
- Welded seat
- Seat in stellite or Cr-steel
- Self adjusted gland

Standard

Design	EN 13709
	EN 12516
Face to face	EN 558-1
	EN12982
Flange	EN1092-1
BW-ends	EN12627
Markning	EN 19
Pressure test	EN12266-1

CE-mark according PED93/23, category 3

Applications

- Water, steam, and other medium which not damage the internal components
- Uses within the all kind of industries
- The valves are designed for shut of application or simple regulation



Tabell 1. Technical specification

Dimension	DN 15 till DN400
Material	Cast Carbon steel, alloy steel
	BW-ends DN15-DN50, forged steel
Pressure class	PN 16 to PN 25/40
Temperature range	-10°C till 400°C
Connections	Flanged, BW- ends
Seat	13 Cr, Stellite
Disc	Shutt off or regulation

Table 2. Pressure- temperature range, material in group 3EO, 5EO, 11E0 and 14E0 acc. to EN 1092-1

Material hus	PN	RT	100	150	200	250	300	350	400	450	500	520	530
Carbon steel 3EO, 1.0619	16	16.0	14.9	13.9	12.4	11.4	10.3	9.6	9.2				
Carbon steel 3EO, 1.0619	25/40	40.0	37.3	34.7	30.2	28.4	25.8	24.0	23.1				
Alloy steel 5EO, 1.7357/1.7335		40.0	40.0	40.0	40.0	39.1	36.4	33.8	32.0	30.2	24.4	16.7	13.5
Stainless steel 13E0, 1.4404	16	13.5	11.7	10.7	9.7	9.0	8.5	8.0	7.7	7.4	7.1		
Stainless steel 14E0, 1.4408		14.6	12.4	11.2	10.3	9.6	9.0	8.5	8.2	8	7.8	7.7	7.5*
Stainless steel 11E0, 1.4404	25/40	33.8	29.3	26.7	24.4	22.6	21.2	20.1	19.2	18.5	17.8		
Stainless steel 14E0, 1.4408		36.4	31.1	28.1	25.8	24.0	22.6	21.3	20.4	20.1	19.6	19.2	18.7*

* =550 grdC