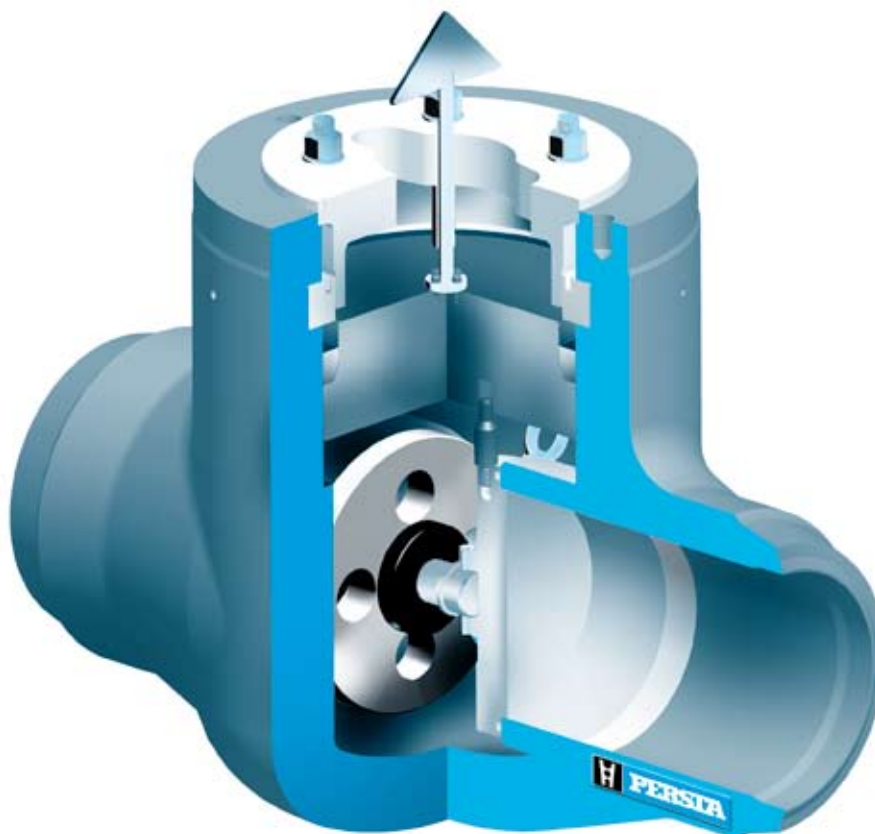


- High pressure line blind valve DPV 10-27 ▪ 990 VW
- Class 900-4500 ▪ (PN 100-630) ▪ NPS 2 ½ - 28 ▪ (DN 65-600)



- **High pressure line blind valve DPV 10-27** ▪ **990 VW**
- **Class 900-4500** ▪ **(PN 100-630)** ▪ **NPS 2 1/2 - 28** ▪ **(DN 65-600)**

Standard features

- Valve body made of forged steel with welded seat rings
- Position indicator
- Pressure sealing bonnet acc. to VGB-guidelines

Pressure and temperature ratings

- Up to standard class or special class 4500

Materials

- A 105
- A 182 F12 Cl.2
- A 182 F22 Cl.3
- A 182 F91
- A 182 F92

Further materials on request.

Media

Depending on the material line blind valves are suitable for water, gas, oil and other non aggressive media

Fields of application

High temperature steam and water, refining (catalytic reformers and hydrocrackers), petrochemical and chemical industries

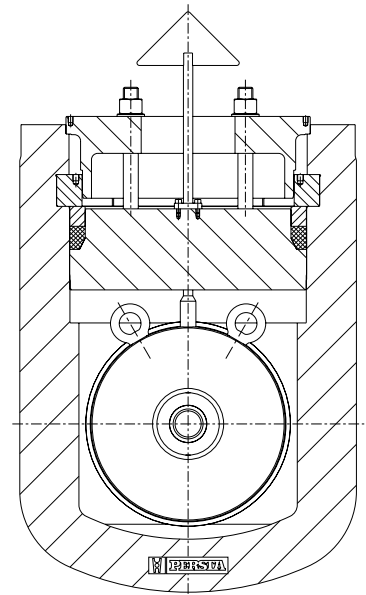
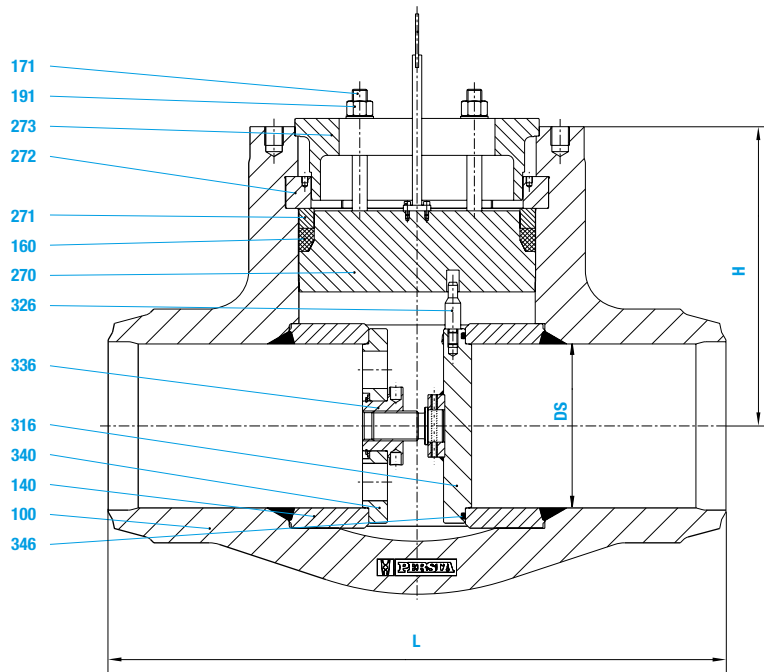
Design Highlights

- Valve body and cover made of forged steel
- Position indicator
- Pressure sealing bonnet
- Cover can be used for dismantling of the cover fastener

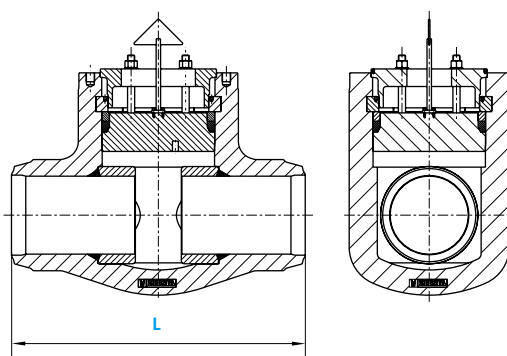
Benefits

- Free from porosity and shrink holes
- Indicates if seal plate is mounted or dismantled
- Best possible sealing function
- No special tools are necessary for dismantling

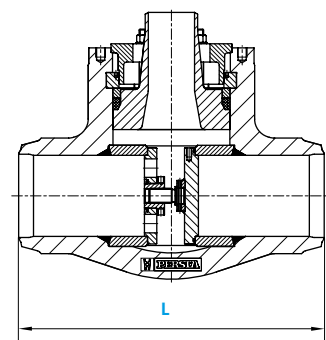
- High pressure line blind valve DPV 10-27 ▪ 990 VW
- Class 900-4500 ▪ (PN 100-630) ▪ NPS 2 ½ - 28 ▪ (DN 65-600)



**Free passage
(seal plate dismantled)**



**With blow-out attachment
(seal plate mounted)**



- **High pressure line blind valve DPV 10-27** ■ **990 VW**
- **Class 900-4500** ■ **(PN 100-630)** ■ **NPS 2 1/2 - 28** ■ **(DN 65-600)**

Materials						
Pos.	Component	A 105 (B1)	A 182 F12 (D4)	A 182 F22 (D5)	A 182 F91 (F3)	A 182 F92 (F6)
100	Body	A 105	A 182 F12 Cl.2	A 182 F22 Cl.3	A 182 F91	A 182 F92
140	Seat ring	A 105	A 182 F12 Cl.2	A 182 F22 Cl.3	A 182 F91	A 182 F92
	welded on with	Stellite	Stellite	Stellite	Stellite	Stellite
160	► Gasket	Graphite	Graphite	Graphite	Graphite	Graphite
171	Tension screw	A 193 B7	A 193 B7	A 193 B7	A 193 B7	A 193 B7
191	Hexagonal nut	A 194 2H	A 194 2H	A 194 2H	A 194 2H	A 194 2H
270	Cover	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22	A 182 F91	A 182 F92
271	Ring	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22	A 182 F91	A 182 F92
272	Segmentring	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F91	A 182 F92
273	Cover	A 105	A 105	A 105	A 105	A 105
316	Cone plate	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F91	A 182 F92
326	Tension pin	1.4021	1.4021	1.4021	1.4021	1.4021
336	Yoke sleeve	CW 713 R	CW 713 R	CW 713 R	CW 713 R	CW 713 R
340	Plate	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22 Cl.3	A 182 F22 Cl.3
346	► O-Ring	Viton	Viton	Viton	VViton	Viton
► Spare parts						

Dimensions / Weight / Flow coefficient														
Class	1500 NPS	DN	DS	BW L		RF L1		H		BW		Flow Coefficient		
										lb	kg	Cv	Kv	
3		80	70	12,0	304,8	18,5	469,9	8,2	207,0	108,0	49,0	250,0	215,0	
4		100	90	16,0	406,4	21,5	546,1	9,1	231,0	183,0	83,0	435,0	375,0	
5		125	111	19,0	482,6	26,5	673,1	11,2	285,0	302,0	137,0	635,0	550,0	
6		150	136	22,0	558,8	27,8	704,9	12,7	321,0	582,0	264,0	950,0	820,0	
8		200	178	28,0	711,2	32,8	831,9	15,8	401,0	888,5	403,0	1640,0	1410,0	
10		250	222	34,0	863,6	39,0	990,6	18,8	477,0	1642,4	745,0	2545,0	2200,0	
12		300	263	39,0	990,6	44,5	1130,3	23,7	543,0	2570,6	1166,0	3570,0	3090,0	
Intermediate class on request. Larger sizes on request. Black in inches, lb, Us gal/min. Blue in mm, kg, m³/h.														

Class	2500 NPS	DN	DS	BW L		RF L1		H		BW		Flow Coefficient		
										lb	kg	Cv	Kv	
2 1/2		65	50	13,0	330,2	20,0	508,0	8,2	208,0	127,9	58,0	100,0	90,0	
3		80	57	14,5	368,3	22,8	577,9	8,7	221,0	198,4	90,0	155,0	135,0	
4		100	72	18,0	457,2	26,5	673,1	9,9	250,0	328,5	149,0	250,0	215,0	
5		125	90	21,0	533,4	31,3	793,8	11,9	303,0	632,7	287,0	415,0	360,0	
6		150	111	24,0	609,6	36,0	914,4	15,3	388,0	981,0	445,0	740,0	640,0	
8		200	146	30,0	762,0	40,3	1022,4	17,0	431,0	1752,7	795,0	1100,0	950,0	
10		250	185	36,0	914,4	50,0	1270,0	20,8	528,0	3395,1	1540,0	1765,0	1530,0	
Intermediate class on request. Larger sizes on request. Black in inches, lb, Us gal/min. Blue in mm, kg, m³/h.														