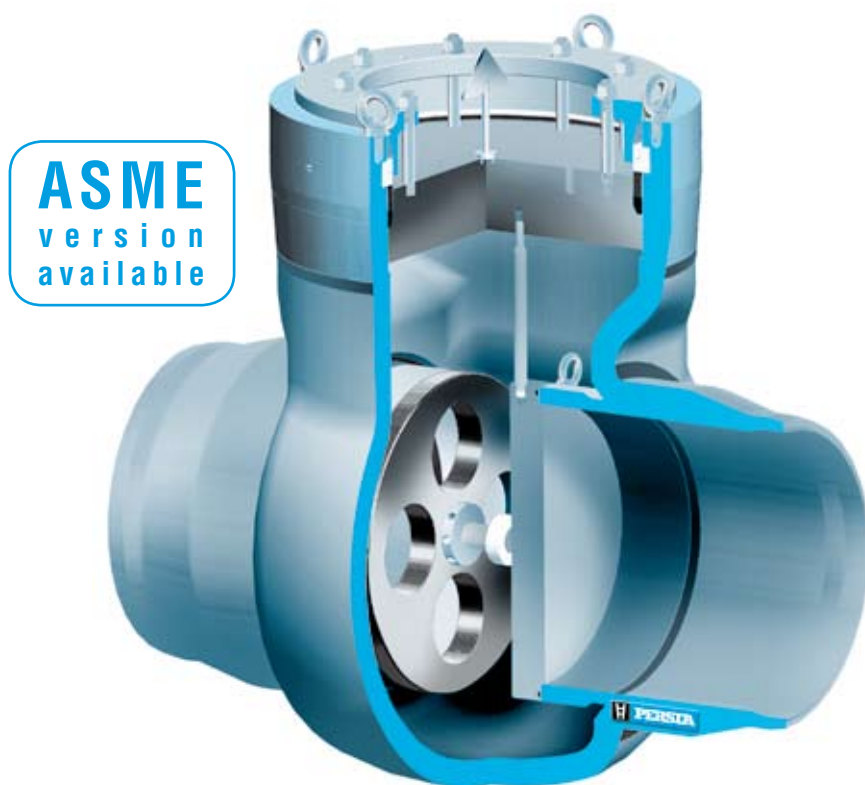


▪ High pressure line blind valve ▪ DPV 10 ▪ 990 VW ▪ PD 10 ▪ DN 350-700



Range of application																																		
BW- Version Material	PD	Admissible operating pressure [bar] at design temperature [°C] ¹⁾																																
		120	150	200	250	300	350	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	
1.0425	10	100	100	94	82	74	62	50	48	45	43	41	38	34	28	23																		
1.5415	10	120	120	112	103	88	85	82	82	81	81	80	79	79	78	78	68	53	40	32	25													
1.7335	10	120	120	120	118	109	103	97	96	95	94	92	91	91	90	89	89	81	68	54	44	35	28	23	18									
1.7383	10	120	120	120	120	118	109	103	102	101	99	98	97	96	95	94	89	79	69	61	53	46	40	34	30	26	22	20						
1.4903	10	136	136	136	136	136	136	136	136	136	136	136	136	136	136	134	122	119	110	101	93	84	76	68	61	54	48	42	37	32	27	24	21	
1) Operating temperature = design temperature minus temperature surcharge acc. to DIN regulations.																																		

¹⁾ Operating temperature = design temperature minus temperature surcharge acc. to DIN regulations.

■ **High pressure line blind valve** ■ DPV 10 ■ 990 VW ■ PD 10 ■ DN 350-700

Standard features

- Welded seat ring
- Position indicator
- Pressure sealing bonnet acc. to VGB-guidelines

Pressure and temperature ratings

- Pressure rating up to 136 bar
- Temperature rating up to 650 °C

Materials

- 1.0425
- 1.4903
- 1.5415
- 1.7335
- 1.7383

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

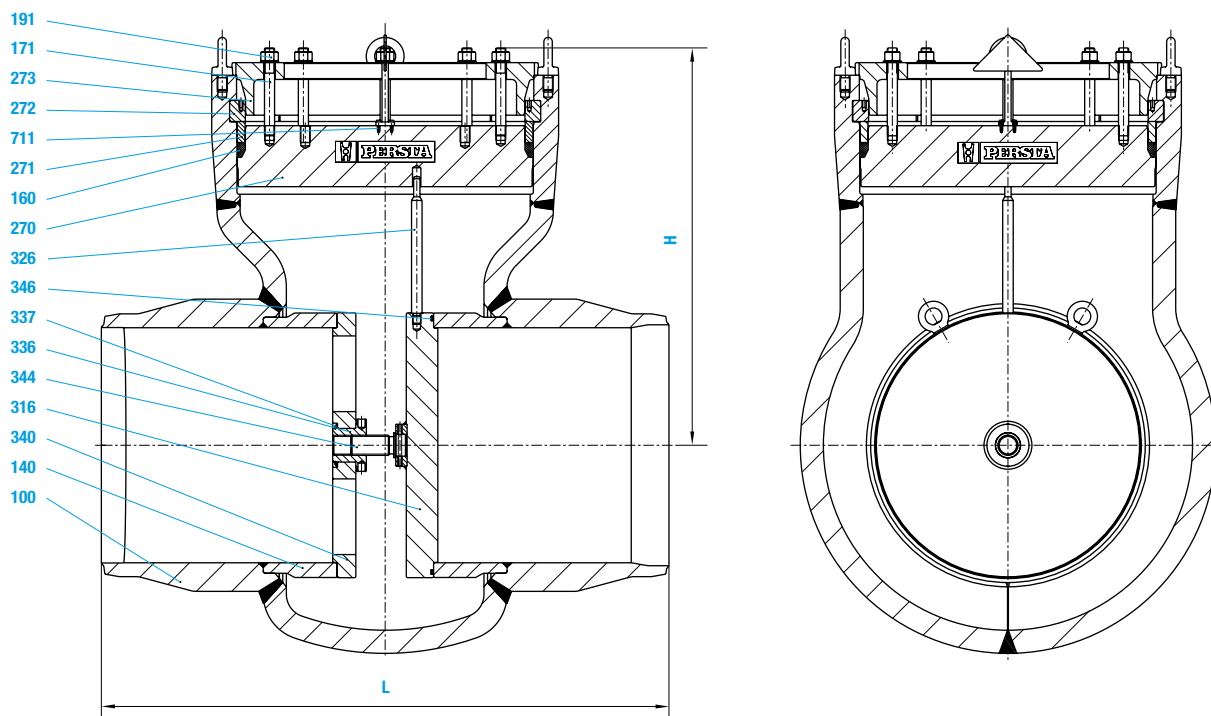
- Thin wallthickness
- Position indicator
- Pressure sealing bonnet

Benefits

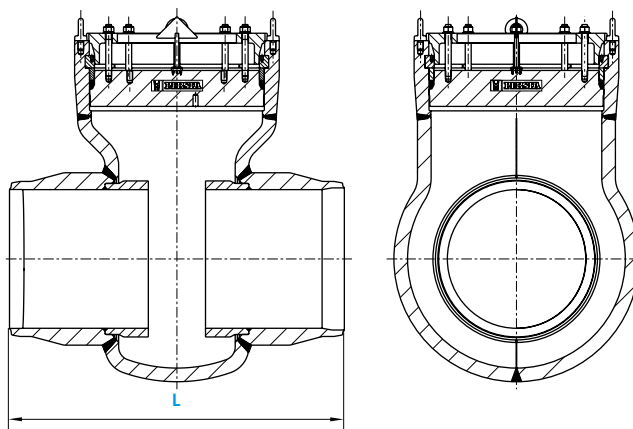
- Less temperature stresses
- Indicates if seal plate is mounted or dismantled
- Best possible sealing function

▪ High pressure line blind valve ▪ DPV 10 ▪ 990 VW ▪ PD 10 ▪ DN 350-700

Closed passage (seal plate mounted)



Free passage (seal plate dismantled)



Special design with blow-out attachment or guide-insert on request

■ **High pressure line blind valve** ■ **DPV 10** ■ **990 VW** ■ **PD 10** ■ **DN 350-700**

Materials						
Pos.	Component	1.0425 (22)	1.5415 (42)	1.7335 (44)	1.7383 (45)	1.4903 (63)
100	Body	1.0425	1.5415	1.7335	1.7383	1.4903
140	Seat ring	1.0460	1.5415	1.7335	1.7383	1.4903
	welded on with	Stellite	Stellite	Stellite	Stellite	Stellite
160	▶ Gasket	Graphite	Graphite	Graphite	Graphite	Graphite
171	Stud	1.7709	1.7709	1.7709	1.7709	1.7709
191	Hexagonal nut	1.7218	1.7218	1.7218	1.7218	1.7218
270	Cover	1.7383	1.7383	1.7383	1.7383	1.4903
271	Ring	1.7383	1.7383	1.7383	1.7383	1.4903
272	Segmentring	1.7383	1.7383	1.7383	1.7383	1.4903
273	Cover	1.0460	1.0460	1.0460	1.0460	1.0460
316	Cone plate	1.7383	1.7383	1.7383	1.7383	1.4903
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	1.7383	1.7383	1.7383	1.7383	1.7383
337	Locking ring	Spring Steel	Spring Steel	Spring Steel	Spring Steel	Spring Steel
344	Stud bolt	1.4021	1.4021	1.4021	1.4021	1.4021
346	▶ O-Ring	Viton	Viton	Viton	Viton	Viton
711	Bolt	8.8	8.8	8.8	8.8	8.8
▶ Spare parts						

Dimensions/mm and Weights/kg				
DN	DS	L	H	kg
350	330	850	645	710
400	375	950	690	1150
450	419	1050	710	1400
500	464	1150	861	1800
600	559	1350	945	2540
700	640	1550	1150	3750