



### standard features

- **Description** ROUND BODY  
PRESSURE SEAL BONNET  
OUTSIDE SCREW AND YOKE  
RISING STEM  
NON RISING HANDWHEEL  
INTEGRAL BACKSEAT  
WELDED IN SEATS  
FLEXIBLE WEDGE
- **Design** DIN 3352  
DIN 3840
- **Face to face** DIN 3202
- **Flanges** DIN 2501  
DIN 2547  
DIN 2526 FORM E  
BW TO DIN 3239
- **Testing** DIN 3352 Part 1  
DIN 3230 Part 3
- **Rating** DIN 2401
- **Marking** EN 19  
CE - PED
- **Certificates** EN 10204 – 3.1 B

PART NAME	AP2x	IP2x	MP2x	WCP2x	FKP2x
1 Body	1.0619	1.5419	1.7357	1.7379	1.4581
2 Bonnet	1.0619	1.5419	1.7357	1.7379	1.4581
3 Ring - seat surface	1.0160 + HF (1)	1.0160 + HF (1)	1.0460 + HF (1)	1.0160 + HF (1)	1.4401 + HF(1)
4 Wedge - seat surfaces	1.0619 + HF (1)	1.5419 + HF (1)	1.7357 + HF (1)	1.7380 + HF (1)	1.4581 + HF (1)
5 Stem	X20Cr13 (3)	X20Cr13 (3)	X20Cr13 (3)	X20Cr13 (3)	1.4401 (3)
6 Back seat (integral)		←	Stellite® (2)	→	
7 Gland	X20Cr13 (3)	X20Cr13 (3)	X20Cr13 (3)	X20Cr13 (3)	1.4401 (3)
8 Gland flange	1.0460	1.4401	1.4401	1.4401	1.4401
9 Yoke sleeve		←	GGG50 (4)	→	
10 Yoke nut	1.0460	1.0460	1.0460	1.0460	1.4401
11 Handwheel		←	Steel	→	
12 Handwheel nut		←	1.0460'	→	
13 Bolts	CK35	21CrMoV57	21CrMoV57	21CrMoV57	A2-70
14 Nuts	C35	24CrMo5	24CrMo5	24CrMo5	A2-70
15 Retainer flange	1.0160	1.0160	1.0460	1.0160	1.4401
16 Retainer ring	X20Cr13	X20Cr13	X20Cr13	X20Cr13	1.4401
17 Spacer ring	X20Cr13	X20Cr13	X20Cr13	X20Cr13	1.4401
18 Gasket		←	S. S. reinforced graphite (5)	→	
19 Packing		←	Graphite rings & wiper rings	→	
20 Grease nipple		←	Steel	→	
21 Yoke	1.0619	1.5419	1.7357	1.7380	1.4581
22 Segmented support ring	X20Cr13	X20Cr13	X20Cr13	X20Cr13	1.4401
23 Yoke / body bolt	CK35	21CrMoV57	21CrMoV57	21CrMoV57	A2-70
24 Yoke / body nut	C35	24CrMo5	24CrMo5	24CrMo5	A2-70
25 Bolt	CK35	21CrMoV57	21CrMoV57	21CrMoV57	A2-70

(1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials  
 (2) On request: faced with Monel® - Hastelloy® - other materials  
 (3) On request: 17 Cr - Monel® - Hastelloy® - other materials

(4) On request: Other materials  
 (5) On request: Metal

All data, subject to technical changes, are only for information and not for official use.



# PRESSURE SEAL GATE VALVES DIN PN 100 - 160 - 250 - 320 - 420

**VALVOSIDER**  
MANUFACTURER OF VALVES

**FIG. P24 - PRESSURE SEAL GATE VALVES DIN PN 100 - F8**

SIZE	50	65	80	100	125	150	200	250	300	350	400	500	600
L BW	300	360	390	450	525	600	750	900	1050	1200	1350	1650	--
V	200	200	250	300	400	400	500	G.O.	G.O.	G.O.	G.O.	G.O.	--
H	500	590	590	600	860	860	1000	1330	1480	--	--	--	--
H1	560	670	700	720	1010	1040	1240	1610	1820	--	--	--	--

**FIG. P25 - PRESSURE SEAL GATE VALVES DIN PN 160 - F8**

SIZE	50	65	80	100	125	150	200	250	300	350	400	500	600
L BW	300	360	390	450	525	600	750	900	1050	1200	1350	1650	--
V	200	200	250	300	400	400	500	G.O.	G.O.	G.O.	G.O.	G.O.	--
H	500	590	590	600	860	860	1000	1330	1480	--	--	--	--
H1	560	670	700	720	1010	1040	1240	1610	1820	--	--	--	--

**FIG. P26 - PRESSURE SEAL GATE VALVES DIN PN 250 - F8**

SIZE	50	65	80	100	125	150	200	250	300	350	400	500	600
L BW	300	360	390	450	525	600	750	900	1050	1200	1350	1650	--
V	200	200	250	300	400	400	500	G.O.	G.O.	G.O.	G.O.	G.O.	--
H	500	590	590	600	860	860	1000	1330	1480	--	--	--	--
H1	560	670	700	720	1010	1040	1240	1610	1820	--	--	--	--

**FIG. P27 - PRESSURE SEAL GATE VALVES DIN PN 320 - F8**

SIZE	50	65	80	100	125	150	200	250	300	350	400	500	600
L BW	300	360	390	450	525	600	750	900	1050	1200	1350	1650	--
V	200	200	250	300	400	400	500	G.O.	G.O.	G.O.	G.O.	G.O.	--
H	500	590	590	600	860	860	1000	1330	1480	--	--	--	--
H1	560	670	700	720	1010	1040	1240	1610	1820	--	--	--	--

**FIG. P28 - PRESSURE SEAL GATE VALVES DIN PN 420 - F8**

SIZE	50	65	80	100	125	150	200	250	300	350	400	500	600
L BW	300	360	390	450	525	600	750	900	1050	1200	1350	1650	--
V	200	200	250	300	400	400	500	G.O.	G.O.	G.O.	G.O.	G.O.	--
H	500	590	590	600	860	860	1000	1330	1480	--	--	--	--
H1	560	670	700	720	1010	1040	1240	1610	1820	--	--	--	--

*features on request*

- TOP FLANGE TO ISO 5210
- GEAR OPERATOR
- CHAIN WHEEL OPERATOR
- PNEUMATIC OR HYDRAULIC ACTUATOR
- ELECTRIC ACTUATOR
- POSITION INDICATOR
- LIMIT SWITCHES
- LOCKING / INTERLOCK SYSTEM
- PTFE SOFT SEATS
- PARALLEL WEDGE
- TWO PIECE BODY GUIDED WEDGE
- STEM PROTECTION
- STEM EXTENSION
- LANTERN RING
- EXTENDED STUFFING BOX
- LIVE LOADED PACKING
- DRAIN PLUG
- BY PASS
- FLANGED ENDS
- ANSI CONNECTIONS

All dimensions in mm (except where differently indicated)

All data, subject to technical changes, are only for information and not for official use.



VALVOSIDER s.r.l. - Via S. Rocco, 2 - P.O. BOX 76 - 13011 Borgosesia (VC) - Italy  
Phone: +39016322991 - Fax: +39016321537 - www.valvosider.com - e-mail: valvo@valvosider.com