

BV-05-47

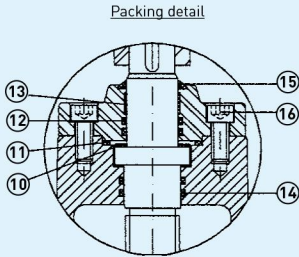
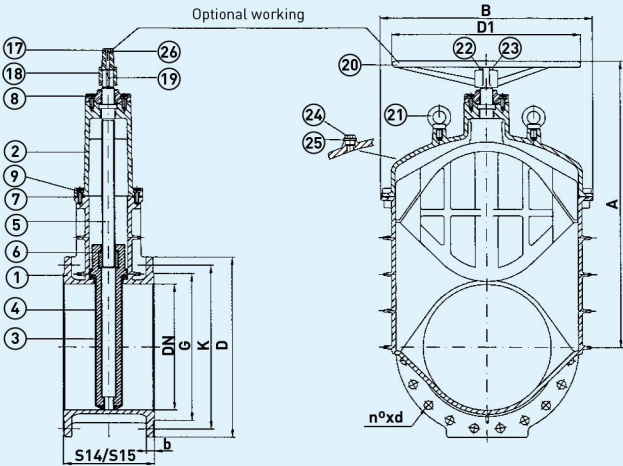
Soft Sealing Gate Valve

F4-F5 PN16



Item	Name	No. Pieces	Material	Standard
1	Body	1	EN-GJS-500-7 (GGG-50)	EN 1563
2	Bonnet	1	EN-GJS-500-7 (GGG-50)	EN 1563
3	Wedge	1	EN-GJS-500-7 (GGG-50)	EN 1563
4	Wedge coating	1	EPDM	EN 681-1
5	Stem	1	X20 Cr13	EN 10080
6	Wedge lock nut	1	Bronze Rg. 5	EN 12165
7	Body bonnet gasket	1	EPDM	EN 681-1
8	Top bonnet	1	F-1141 Steel	36011
9	Body bonnet bolt	acc./DN	8.8 steel [GEOMET coated]	DIN 912
10	Washer	2	Bronze Rg. 5	DIN 1705
11	Bonnet-top bonnet o ring	1	NBR	ASTM D2000
12	Washer	2	NBR	ASTM D2000
13	Guide gland	1	Teflon with graphite	
14	Bonnet. o ring	2	NBR	ASTM D2000
15	Dust guard	1	EPDM	
16	Top bonnet bolt	6	8.8 steel [GEOMET coated]	DIN 912
17	Square cap bolt	1	X5 CrNi 18 10	EN 10088
18	Square cap	1	EN-GJS-500-7 (GGG-50)	EN 1563
19	Cotter	1	F-114 steel	UNE 3604
20	Handwheel	1	St 42 steel	DIN 17100
21	Eyebolt	2	C 15 steel	DIN 17210
22	Handwheel washer	1	X5 CrNi 18 10	EN 10088
23	Handwheel bolt	1	X5 CrNi 18 10	EN 10088
24	Draining plug	1	8.8 steel [GEOMET coated]	
25	O ring draining plug	1	NBR	ASTM D2000
26	Square cap top	1	Lupolen	

PN-10/16 / DN-350/1200



Bill of materials and drawing refers to DN 400/500 valves.

DN	D	b	EN 1092-2 PN 10			EN 1092-2 PN 16			DIN 3202		A	B	D1	Weight kg		No. of turns for closing
			K	G	No. x d	K	G	No. x d	S14 (F4)	S15 (F5)				S14 (F4)	S15 (F5)	
350	520	26.5	460	429	16x23	470	429	16x28	290	-	750	478	500	185	-	50
400	580	28	515	482	16x28	525	480	16x31	310	600	970	660	630	275	325	57
*450	640	28	565	532	20x28	585	550	20x31	330	650	970	660	630	360	425	57
500	715	31.5	620	585	20x28	650	609	20x34	350	700	1103	828	800	456	530	63

* Bore dimension is 400 mm.

DN	D	b	EN 1092-2 PN 10			EN 1092-2 PN 16			DIN 3202		A	B	D1	Weight kg		No. of turns for closing
			K	G	No. x d	K	G	No. x d	S14 (F4)	S15 (F5)				S14 (F4)	S15 (F5)	
600	840	36	725	682	20x31	770	720	20x37	390	800	1280	854	800	950	1100	60
*700	910	39.5	840	794	24x31	840	794	24x37	-	900	1280	854	800	-	1300	60
800	1025	43	950	901	24x34	950	901	24x40	470	-	1678	1120	-	2000	-	133
*900	1125	46.5	1050	1001	28x34	1050	1001	28x40	-	1100	1678	1120	-	-	2300	133
1000	1255	50	1160	1112	28x37	1170	1112	28x43	550	-	2100	1338	-	3040	-	166
*1200	1485	57	1380	1328	32x40	1390	1328	32x49	-	1400	2100	1338	-	-	3300	166

* Bore dimension is DN 600, 800, 1000 mm.

DN800 and bigger sizes are supplied with ISO top flange as standard manufacturing.