



standard features

- **Description** OVAL BODY
BOLTED BONNET
OUTSIDE SCREW AND YOKE
RISING STEM
NON RISING HANDWHEEL
FLEXIBLE WEDGE
- **Design** EN 12516
- **Face to face** EN 1092 - EN 558
- **Flanges** EN 12627
EN 1092
- **Testing** EN 12266
- **Rating** EN 1092
- **Marking** EN 19
CE - PED
- **Certificates** EN 10204 – 3.1 / 3.2

PART NAME	A12xxSO	C12xxSO	FH12xxSO	F12xxSO
1 Body	1.0619	1.7365	1.4552	1.4408
2 Bonnet	1.0619	1.7365	1.4552	1.4408
3 Seat ring surface	X20Cr13 (1)	X20Cr13 + HF (1)	X6CrNiTi18-10 (1)	X5CrNiMo17-12-2 (1)
4 Wedge seat surfaces	X20Cr13 (2)	X20Cr13 + HF (2)	X6CrNiTi18-10 (2)	X5CrNiMo17-12-2 (2)
5 Stem	X20Cr13 (3)	X20Cr13 (3)	X6CrNiTi18-10 (3)	X5CrNiMo17-12-2 (3)
6 Back seat	X20Cr13 (3)	X20Cr13 (3)	X6CrNiTi18-10 (3)	X5CrNiMo17-12-2 (3)
7 Gland	X20Cr13 (3)	X20Cr13 (3)	X6CrNiTi18-10 (3)	X5CrNiMo17-12-2 (3)
8 Gland flange	1.0460	X5CrNiMo17-12-2	X6CrNiTi18-10	X5CrNiMo17-12-2
9 Yoke sleeve		← MS58 (4) →		
10 Yoke nut	1.0460	1.0460	X6CrNiTi18-10	X5CrNiMo17-12-2
11 Handwheel		← Steel →		
12 Handwheel nut	1.0460	1.0460	X6CrNiTi18-10	X5CrNiMo17-12-2
13 Bolts	CK35	21CrMoV57	A2-70	A2-70
14 Nuts	C35	24CrMo5	A2-70	A2-70
15 Eye bolts	CK35	24CrMo5	A2-70	A2-70
16 Nuts	C35	24CrMo5	A2-70	A2-70
17 Eye bolt pin	CK35	24CrMo5	A2-70	A2-70
18 Gasket		← S.S. reinforced graphite (5) →		
19 Packing		← Graphite rings & wiper rings (6) →		
20 Grease nipple		← Steel →		
21 Bellow	X6CrNiTi18-10	X6CrNiTi18-10	X6CrNiTi18-10	X6CrNiTi18-10
22 Extension	1.0460	1.7363	X6CrNiNb18-10	X2CrNiMo17-12-2
23 Bellow flange		← X6CrNiTi18-10 →		
24 No rot. Device	X20Cr13	X20Cr13	X6CrNiTi18-10	X5CrNiMo17-12-2

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

(4) On request: GGG50 - Nitronic 60
 (5) On request: PTFE - other materials
 (6) On request: PTFE - other materials

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

FIG. N. 1200SO - BELLOW GATE VALVES DIN PN 16 - F5

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400
L RF/BW	250	270	280	300	325	350	400	450	500	550	600	650	700	800	--	--	--	--	--	--
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840	--	--	--	--	--	--
V	200	200	225	250	280	300	400	500	500	600	600	600	600	600	--	--	--	--	--	--
H	610	675	820	940	1160	1530	1960	2530	2600	2980	3170	2550	4050	4650	--	--	--	--	--	--
H1	660	740	900	1040	1290	1680	2160	2600	2900	3350	3570	4000	4550	5250	--	--	--	--	--	--

FIG. N. 1210SO - BELLOW GATE VALVES DIN PN 25 - F5

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400
L RF/BW	250	270	280	300	325	350	400	450	500	550	600	650	700	800	--	--	--	--	--	--
D	165	185	200	235	270	300	360	425	485	555	620	670	730	845	--	--	--	--	--	--
V	200	200	225	250	280	300	400	500	500	600	600	600	600	600	--	--	--	--	--	--
H	610	675	820	940	1160	1530	1960	2530	2600	2980	3170	2550	4050	4650	--	--	--	--	--	--
H1	660	740	900	1040	1290	1680	2160	2600	2900	3350	3570	4000	4550	5250	--	--	--	--	--	--

FIG. N. 1220SO - BELLOW GATE VALVES DIN PN 40 - F7

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400
L RF/BW	250	290	310	350	400	450	550	650	750	850	950	1050	1150	1350	--	--	--	--	--	--
D	165	185	200	235	270	300	375	450	515	580	660	685	755	890	--	--	--	--	--	--
V	200	200	225	250	280	300	400	500	500	600	600	600	600	600	--	--	--	--	--	--
H	600	685	765	920	1070	1315	1700	2035	2395	2760	3135	3600	4080	4795	--	--	--	--	--	--
H1	650	750	840	1020	1200	1465	1900	2285	2700	3110	4535	4050	4580	5350	--	--	--	--	--	--

FIG. N. 1230SO - BELLOW GATE VALVES DIN PN 63 - F7

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600
L RF/BW	250	290	310	350	400	450	550	650	750	850	950	1150	1350
D	180	205	215	250	295	345	415	470	530	600	670	800	930
V	200	250	250	400	400	500	600	700	700	800	1000	1000	1200
H	650	685	805	905	1070	1360	1720	2120	2500	--	--	--	--
H1	700	750	880	1010	1200	1510	1920	2370	2800	--	--	--	--

FIG. N. 1240SO - BELLOW GATE VALVES DIN PN 100 - F7

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600
L RF/BW	250	290	310	350	400	450	550	650	750	850	950	1150	1350
D	195	220	230	265	315	355	430	505	585	655	715	870	990
V	200	250	250	400	400	500	600	700	700	800	1000	1000	1200
H	650	685	805	905	1070	1360	1720	2120	2500	--	--	--	--
H1	700	750	880	1010	1200	1510	1920	2370	2800	--	--	--	--

features on request

- TOP FLANGE TO ISO 5210
- GEAR OPERATOR
- CHAIN WHEEL OPERATOR
- PNEUMATIC ACTUATOR
- HYDRAULIC ACTUATOR
- ELECTRIC ACTUATOR
- POSITION INDICATOR
- LIMIT SWITCHES
- LOCKING / INTERLOCK SYSTEM
- PTFE SOFT SEATS
- STEM PROTECTION
- STEM EXTENSION
- LANTERN RING
- EXTENDED STUFFING BOX
- LIVE LOADED PACKING
- DRAIN PLUG
- BY PASS
- BW 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.