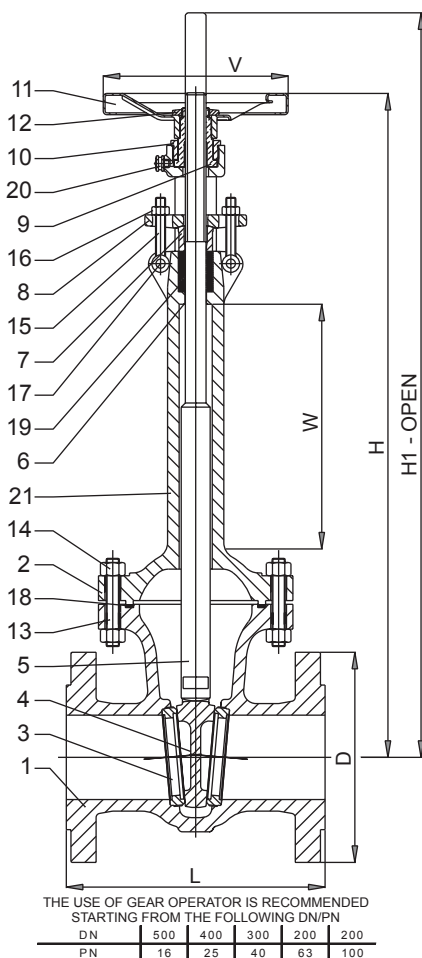




standard features

- **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	FH12xxEB	F12xxEB
1 Body	1.4552	1.4408
2 Bonnet	1.4552	1.4408
3 Seat ring surface	X6CrNiTi18-10 (1)	X5CrNiMo17-12-2 (1)
4 Wedge seat surfaces	X6CrNiTi18-10 (2)	X5CrNiMo17-12-2 (2)
5 Stem	X6CrNiTi18-10 (3)	X5CrNiMo17-12-2 (3)
6 Back seat (integral)	1.4552	1.4581
7 Gland	X6CrNiTi18-10 (3)	X5CrNiMo17-12-2 (3)
8 Gland flange	X6CrNiTi18-10	X5CrNiMo17-12-2
9 Yoke sleeve	MS58 (4)	MS58 (4)
10 Yoke nut	X6CrNiTi18-10	X5CrNiMo17-12-2
11 Handwheel	Steel	Steel
12 Handwheel nut	X6CrNiTi18-10	X5CrNiMo17-12-2
13 Bolts	A2-70	A2-70
14 Nuts	A2-70	A2-70
15 Eye bolts	A2-70	A2-70
16 Nuts	A2-70	A2-70
17 Eye bolt pin	A2-70	A2-70
18 Gasket	PTFE (5)	PTFE (5)
19 Packing	PTFE (6)	PTFE (6)
20 Grease nipple	1.4404	1.4404
21 Extension	X2CrNi19-11	X2CrNiMo17-12-2

- (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: Graphite - other materials
 (6) On request: Graphite - other materials

options

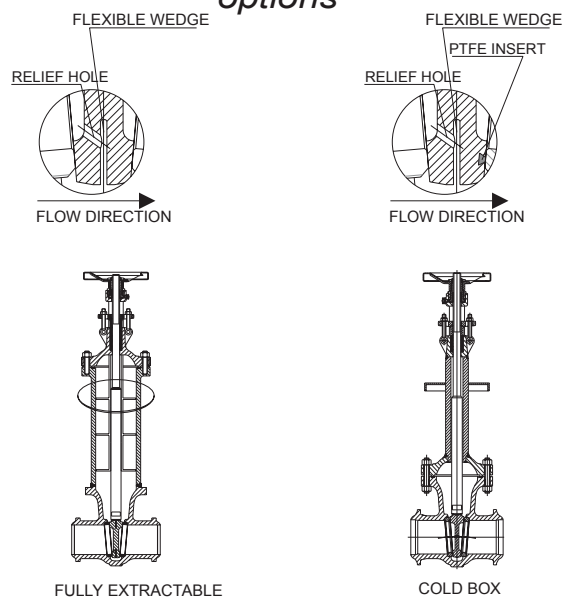


FIG. N. 1200EB - CRYOGENIC GATE VALVES DIN PN 16 - F5

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	--	--	--	--	--	--
W	200	200	300	300	300	300	300	300	300	300	300	300	300	300	--	--	--	--	--	--
H	600	630	800	820	910	920	1080	1350	1500	1700	1880	2050	2200	2600	--	--	--	--	--	--
H1	650	695	880	920	1020	1060	1280	1600	1840	2050	2280	2500	2750	3300	--	--	--	--	--	--

FIG. N. 1210EB - CRYOGENIC 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	--	--	--	--	--	--
W	200	200	300	300	300	300	300	300	300	300	300	300	300	300	--	--	--	--	--	--
H	600	630	800	820	910	1000	1200	1350	1500	1700	1880	2050	2200	2600	--	--	--	--	--	--
H1	650	695	880	920	1020	1140	1400	1600	1840	2050	2280	2500	2750	3300	--	--	--	--	--	--

FIG. N. 1220EB - CRYOGENIC 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	--	--	--	--	--	--
W	200	200	300	300	300	300	300	300	300	300	300	300	300	300	--	--	--	--	--	--
H	600	630	800	820	910	1000	1200	1350	1500	1700	1880	2050	2200	2600	--	--	--	--	--	--
H1	650	695	880	920	1020	1140	1400	1600	1840	2050	2280	2500	2750	3300	--	--	--	--	--	--

FIG. N. 1230EB - CRYOGENIC 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
W	200	200	300	300	300	300	300	300	300	300	300	300	300
H	650	700	840	970	985	1110	1270	1455	1630	1800	1980	2400	2700
H1	700	770	920	1080	1110	1280	1480	1720	1960	2180	2400	2950	3400

FIG. N. 1240EB - CRYOGENIC 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
W	200	200	300	300	300	300	300	300	300	300	300	300	300
H	650	700	840	970	985	1110	1270	1455	1630	1800	1980	2400	2700
H1	700	770	920	1080	1110	1280	1480	1720	1960	2180	2400	2950	3400

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.