

standard features

- **Description** OVAL BODY
BOLTED BONNET
OUTSIDE SCREW AND YOKE
RISING STEM
NON RISING HANDWHEEL
FLEXIBLE WEDGE
RENEWABLE SEATS
- **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

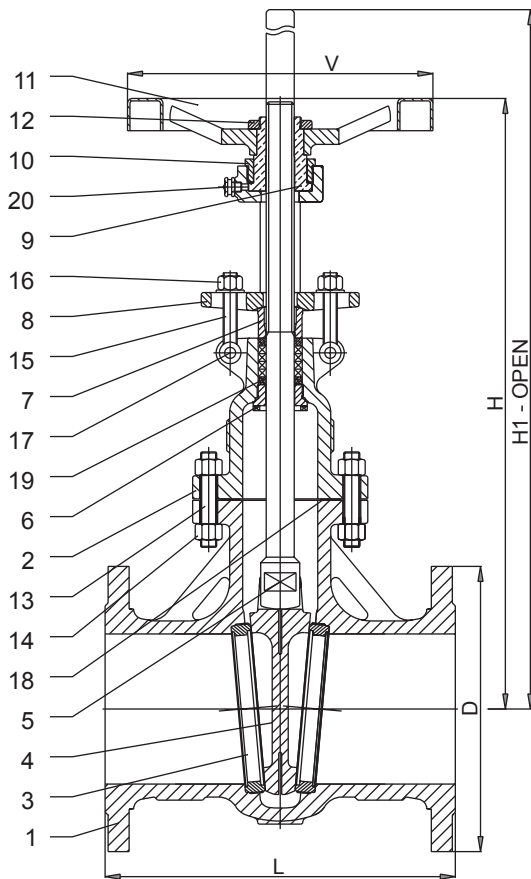


FIG. 1190 - DIN PN 16: Face to Face F5

PART NAME	A1190	C1190	FH1190	F1190
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)	MS58 (4)	MS58 (4)	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		

(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

(*) Gear operator recommended from DN 500.

(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. 1190 - GATE VALVES OVAL BODY DIN PN 16 - Face to Face 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	900	1000	1100	1200	1400	1600
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840	910	1025	1125	1255	1485	1685
V	200	200	225	250	280	300	400	500	500	600	600	600	600	600	1000	1200	1200	1200	1400	1400
H	350	430	500	520	610	700	900	1050	1200	1400	1580	1750	1900	2300	2600	3200	4400	4700	5200	6200
H1	415	495	580	620	720	840	1100	1300	1540	1750	1980	2200	2450	3000	3500	4100	5500	5900	6600	7900

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
- ☐ 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.