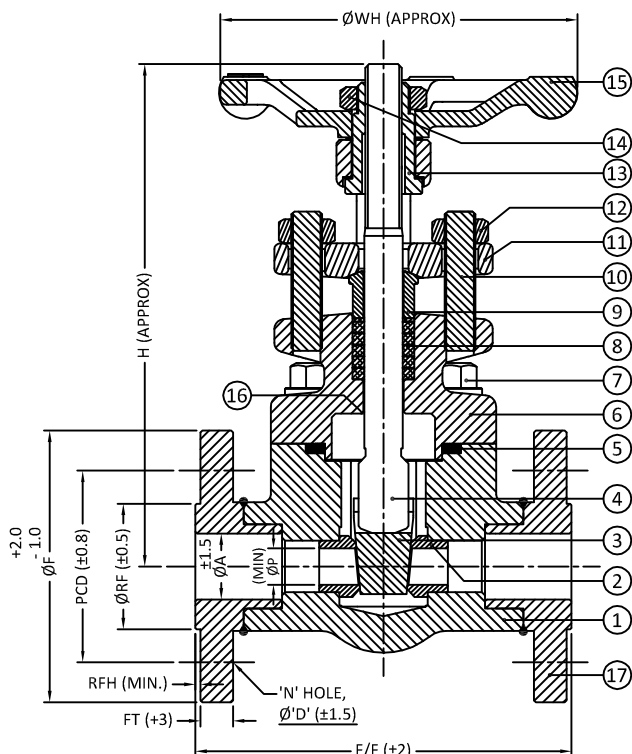


GATE VALVE F/E - 150#

Application Standards

- 1 - Design and manufacture conform to API 602 / ISO 15761
- 2 - Connection ends conform to
 - 1) Flange end standard :- ASME B16.5.
- 3 - Testing standard API 598
- 4 - Structure features Bolted bonnet, outside screw and yoke
- 5 - Materials conform to ANSI / ASTM
- 6 - Main materials A105, F304, F304L, F316, F316L, F5, F9, F11, F22, F51, F55, F91, LF2.



HYDRO TEST PRESSURE (15 Sec.)			
	SHELL/BODY	SEAT	BACK SEAT
150#	32 kg / cm ²	22 kg / cm ²	22 kg / cm ²
PNEUMATIC TEST PRESSURE (15 Sec.)			
SEAT	7 kg / cm ²		

150#													
SIZES	F/F	ØP	ØA	ØF	FT	ØRF	RFH	N	ØD	PCD	H-OPEN	H-CLOSE	ØWH
15 mm	108	9.5	15.7	90	9.6	34.9	1.7	4	15.9	60.3	151	135	86
20 mm	117	12.7	20.9	100	11.2	42.9	1.7	4	15.9	69.9	157	137	86
25 mm	127	17.5	26.7	110	12.7	50.8	1.7	4	15.9	79.4	186	162	116
32 mm	140	23.8	35.0	115	14.3	63.5	1.7	4	15.9	88.9	186	162	116
40 mm	165	28.6	40.9	125	15.9	73.0	1.7	4	15.9	98.4	237	201	150
50 mm	203	36.5	52.5	150	17.5	92.1	1.7	4	19.0	120.7	268	223	150

17	FLANGE	ASTM A105/F304/F304L/F316/F316L/F5/F9/F11/F22/F51/F55/F91/LF2	2
16	BACK SHEET	INTEGRAL	-
15	HAND WHEEL	SG IRON/MI	1
14	STEM NUT	ASTM A 194 GR. 2H/B8/B8M	1
13	YOKE SLEEVE	BS970: 1955 EN1A	1
12	STUD NUT	ASTM A 194 GR. 2H/B8/B8M	2
11	GLAND FLANGE	ASTM A105/F304/F316/F11/F22	1
10	STUD	ASTM A 193 GR. B7/B8/B8M	2
9	GLAND BUSH	ASTM A 276 TYPE SS-410/304/304L/316/316L	1
8	GLAND PACKING	FLEXIBLE GRAPHITE RINGS	5
7	HEX BOLT	ASTM A 193 GR. B7/B8/B8M	4
6	BONNET	ASTM A105/F304/F304L/F316/F316L/F5/F9/F11/F22/F51/F55/F91/LF2	1
5	GASKET	SS-304 SPIRAL WOUNDED GRAPHITE	1
4	STEM	ASTM A 182 GR. F6a/F304/F304L/F316/F316L	1
3	WEDGE	ASTM A 217 GR. CA-15/CF8/CF3/CF8M/CF3M	1
2	SEAT RING	ASTM A 276 TYPE SS-410/304/304L/316/316L	2
1	BODY	ASTM A105/F304/F304L/F316/F316L/F5/F9/F11/F22/F51/F55/F91/LF2	1
NO.	DESCRIPTION	MATERIALS	Qty.