



PN20

DOUBLE BLOCK & BLEED

150 Class

Carbon Steel PARALLEL GATE VALVES

BOLTED BONNET, OUTSIDE SCREWED & YOKE, RISING STEM

Figure

E51F.11

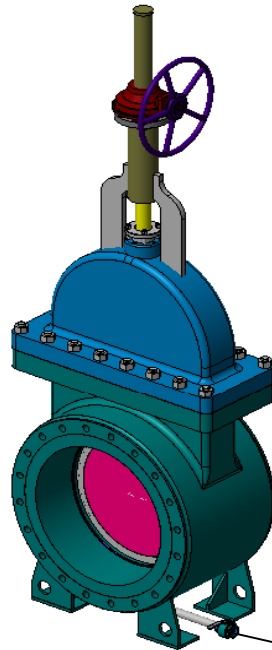


6D-0449

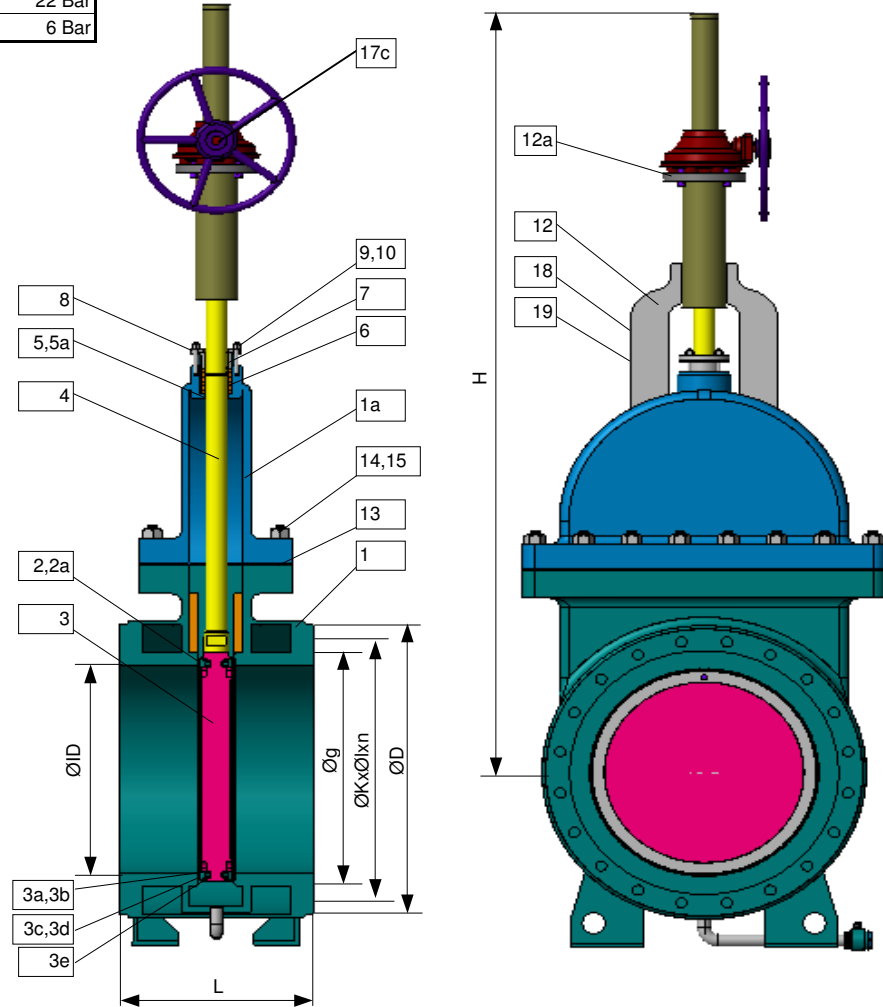
DIMENSIONS & WEIGHT of E51F

DN inc.	ID mm	ØD mm	Øg mm	ØK mm	n no	ØI inc.	L mm	H mm	Wt kg	Kv m³/h	WORKING PRESSURE	
											-29+38 °C	20 Bar
12"	305	483	381	432	12	7/8"-9 UNC	356	1.425	340	8.600	TEST PRESSURE	
14"	337	534	413	476	12	1"-8 UNC	381	1.620	450	10.600	Shell& Backseat	30 Bar
16"	387	597	470	540	16	1"-8 UNC	406	1.800	582	14.000	Closure	22 Bar
18"	438	635	534	578	16	1 1/8"-8 UN	432	2.100	816	17.000	Air	6 Bar
20"	489	699	584	635	20	1 1/8"-8 UN	457	2.230	876	21.000		
24"	591	813	692	749	20	1 1/4"-8 UN	508	2.600	1.470	30.500		
28"	686	925	800	863	28	1 1/4"-8 UN	610	2.600	2.880	42.500		
30"	737	985	857	914	28	1 1/4"-8 UN	610	2.650	3.600	50.000		
32"	781	1060	914	978	28	1 1/2"-8 UN	711	2.700	4.200	55.000		
36"	876	1170	1022	1086	32	1 1/2"-8 UN	711	2.750	4.800	70.000		
40"	990	1290	1150	1200	36	1 1/2"-8 UN	762	4.600	6.000	80.000		
42"	1020	1345	1194	1257	36	1 1/2"-8 UN	762	4.900	7.200	95.000		
48"	1166	1510	1359	1422	44	1 1/2"-8 UN	762	5.200	9.600	124.000		
56"	1400	1745	1530	1651	48	1 3/4"-8 UN	762	5.500	12.000	150.000		
60"	1458	1855	1676	1759	52	1 3/4"-8 UN	762	6.000	13.200	190.000		

PART LIST for Material No.11			
Item	PART NAME	Symb.	material
1	BODY	CS	ASTM A515 - A105 - LF2
1a	BONNET	CS	ASTM A515 - A105 - LF2
2	BODY SEAT RING	ST	ASTM A105
2a	Body Seat FACE	Cr13	AWS ER420
3	DISC	CS	ASTM A515 - A105 - LF2
3a	DISC Seat Ring	CS	ASTM A515 - A105 - LF2
3b	DISC Seat Face	Cr13	AWS ER420
3c	O-Ring	NBR	RUBBER
3e	Spring	SS	AISI 302
3d	Segment	PP	Polipropilen
4	STEM	Cr13	ASTM A182 Gr.F6
5	BACK RING	Cr13	ASTM A182 Gr.F6
6	PACKING	GRF	GRAPHITE
7	GLAND	CR13	ASTM A182 Gr.F6
8	GLAND FLANGE	A515	ASTM A515
9	GLAND BOLT	B	ASTM A307.B
10	GLAND NUT	B	ASTM A307.B
12	YOKE	ST	STEEL
12a	FLANGE	ST	STEEL
13	GASKET	NASF	Non Asbestos S.Fb.
14	STUD BOLT	B7	ASTM A193 Gr.B7
15	NUT	2H	ASTM A194 Gr.2H
17c	GEARBOX		MASTERGEAR
18	NAME PLATE	AL	ALUMINIUM
19	Paint	EP	EPOXY
19a	END COVER	PVC	PLASTIC



Flushing drain
(Optional)



DESIGN STD.: API 6D & ASME B16.34

FACE TO FACE STD.: ANSI B16.10 & ISO 5752-T3

FLANGE STD.: ANSI B16.5 & ISO 7005-PN20

MAT'L ID.: CS

TRIM ID: Cr13-Cr13-Cr13

Prep.:E.KARABULUT

Che.:K.KORKMAZ

Appr.:N.ERGIN

Rev.No / Date:R2 / 23.04.2007

Description:

Datasheet Nr.:E51F.11

Attach.

Page&Scale:1/1 A4

Origin:DES