



PN50 API 6D & ASME B16.34 STANDARD **300 Class**
Carbon Steel PARALLEL SLIDE GATE VALVES
 BOLTED BONNET, OUTSIDE SCREWED & YOKE, RISING STEM

Figure

E52F.11



6D-0449

DIMENSIONS & WEIGHT of E52F

DN	ID	ØD	b	Øg	ØK	n	ØI	L	H	Wt
inc.	mm	mm	mm	mm	mm	no	mm	mm	mm	kg
16"	387	648	57	470	572	20	35	838	1400	1050
18"	438	711	61	534	629	24	35	914	1505	1260
20"	489	775	64	584	686	24	35	991	1700	1780
24"	591	915	70	692	813	24	41	1143	2100	2700
28"	686	1035	85	800	940	28	44	1346	2500	3580
30"	737	1090	92	857	997	28	48	1397	2850	4050
32"	781	1150	98	914	1054	28	51	1524	3200	4600
36"	876	1270	105	1022	1168	32	54	1727	3800	6000
40"	990	1240	114	1010	1156	32	45	2032	4200	7800

	WORKING PRESSURE	TEST PRESSURE	
-29+38 °C	51 Bar	Shell & Backseat	77 Bar
Max. +100 °C	40 Bar	Closure	56 Bar
		Air	6 Bar

PART LIST for Material No.11

Item	PART NAME	Symb.	material
1	BODY	CS	ASTM A515 - A105
1a	BONNET	CS	ASTM A515 - A105
2	BODY SEAT RING	ST	ASTM A105
2a	Body Seat FACE	Cr13	AWS ER420
2c	O-Ring	NBR	RUBBER
2e	Spring	SS	AISI 302
3	GATE	CS	ASTM A515 - A105
3a	GATE Face	Cr13	AWS ER420
3b	Seat Retainer	ST	STEEL
3c	Retainer Bolt	B	ASTM A307.B
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

