



600 Class *API 600 STANDARD* **PN100**
Bolted Bonnet Steel WEDGE GATE VALVES
 OUTSIDE SCREWED & YOKE, RISING STEM, FIRE SAFE

Figure

E530GE.11



600-0043

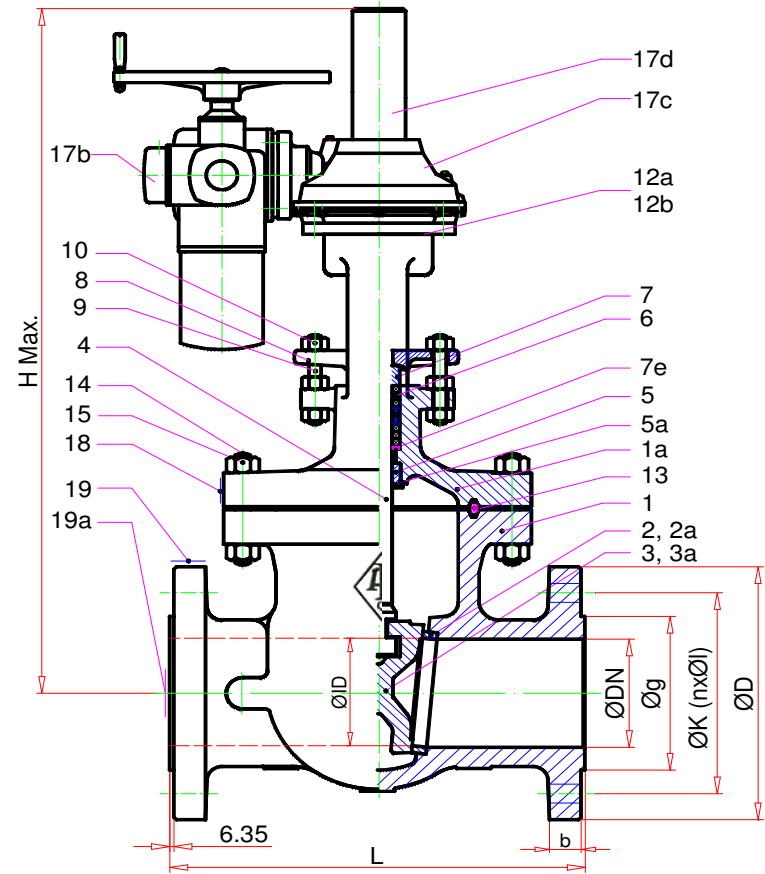
DIMENSIONS & WEIGHT of E530

DN	ID	ØD	b	Øg	ØK	n	ØI	L	H	Wt	Kv
inc.	mm	mm	mm	mm	mm	no	mm	mm	mm	kg	
12"	305	559	67	381	489	20	35	838	1725	845	8700
14"	337	603	70	413	527	20	38	889	1910	897	10000
16"	387	686	76	470	603	20	41	991	2150	946	14500
18"	438	743	83	534	654	20	45	1092	2450	946	16300
20"	489	813	89	584	724	24	45	1194	2620	1065	23500
24"	591	940	102	692	838	24	51	1397	3100	1215	35900

	TEST PRESSURE	WORKING PRESSURE
Shell&Backseat	153 Bar	-29+38 °C 102 Bar
CLOSURE	113 Bar	+425 °C 58 Bar
AIR	6 Bar	

PART LIST for Material No.11

Item	PART NAME	Symb.	material	Item	PART NAME	Symb.	material
1	BODY	WCB	ASTM A216 Gr.WCB	9	GLAND BOLT	B	ASTM A307.B
1a	BONNET	WCB	ASTM A216 Gr.WCB	10	GLAND NUT	B	ASTM A307.B
2	BODY SEAT RING	ST	ASTM A105	12a	FLANGE	ST	STEEL
2a	Body Seat FACE	Cr13	AWS ER420	12b	BOLT	B	ASTM A307.B
3	WEDGE (*)	WCB	ASTM A216 Gr.WCB	13	GASKET	ST	STEEL (Ring Joint)
3a	Wedge Seat FACE	Cr13	AWS ER420	14	STUD BOLT	B7	ASTM A193 Gr.B7
4	STEM	Cr13	ASTM A276 T.410	15	NUT	2H	ASTM A194 Gr.2H
5	BACK RING	Cr13	ASTM A276 T.410	17b	ELECTRIC ACTUATOR		
5a	Back Ring FACE		INTEGRAL	17c	GEAR BOX		
6	PACKING	GRF	GRAPHITE	17d	STEM PROTECT.	ST	STEEL
7	GLAND	Cr13	ASTM A276 T.410	18	NAME PLATE	SP	STAINLESS PLATE
7e	WASHER	ST	STEEL	19	PAINT	EP	EPOXY
8	GLAND FLANGE	WCB	ASTM A216 Gr.WCB	19a	END COVER	PVC	PLASTIC



(*) Material CR13 (ASTM A217 Gr.CA15) for 8" and smaller