



600 Class API 600 STANDARD **PN100**
WEDGE GATE VALVES with EXPROOF, IP68 Automatic Actuator
 OUTSIDE SCREWED & YOKE, RISING STEM, FIRE SAFE

Figure

E530EX.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	
2"	51	165	26	92	127	8	19	292	520	47	240
3"	76	210	32	127	168	8	22	356	610	84	540
4"	102	273	38	157	216	8	26	432	720	116	970
6"	152	356	48	216	292	12	29	559	950	246	2200
8"	203	419	56	270	349	12	32	660	1225	297	3900
10"	254	508	64	324	432	16	35	787	1485	611	6000
12"	305	559	67	381	489	20	35	838	1705	975	8700
14"	337	603	70	413	527	20	38	889	1900	1325	10000
16"	387	686	76	470	603	20	41	991	2125	1675	14500
18"	438	743	83	534	654	20	45	1092	2425	2355	16300
20"	489	813	89	584	724	24	45	1194	2575	2867	23500
24"	591	940	102	692	838	24	51	1397	3050	4077	35900

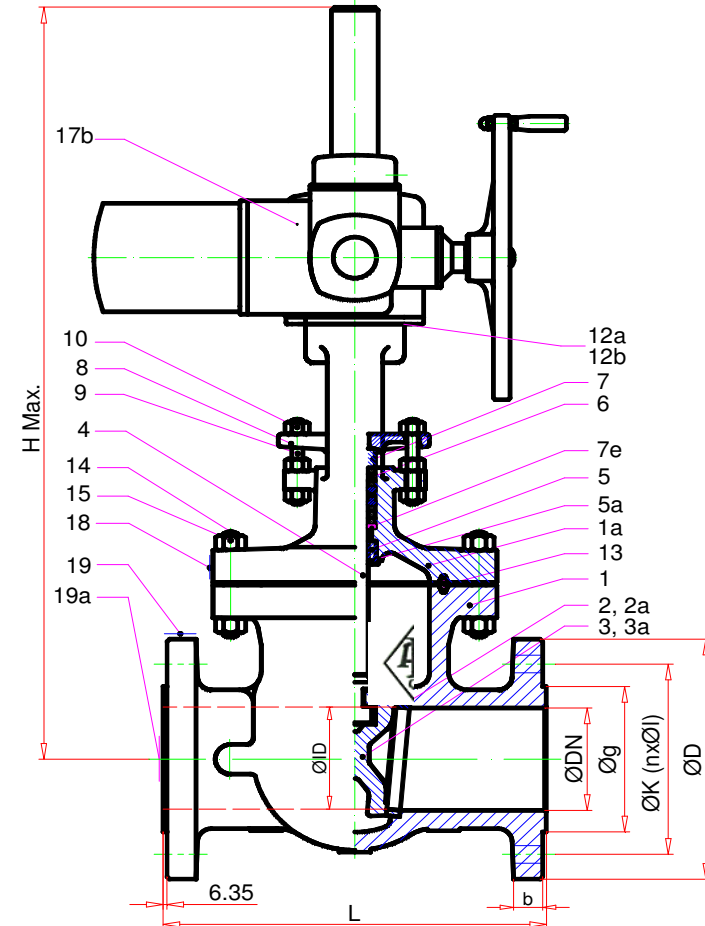
TEST PRESSURE

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	12	BUSHING NUT	ST	ASTM A307.B
2a	Body Seat FACE	Cr13	AWS ER420	12a	FLANGE	ST	STEEL
3	WEDGE (*)	WCB	ASTM A216 Gr.WCB	12b	BOLT	B	ASTM A307.B
3a	Wedge Seat FACE	Cr13	AWS ER420	13	GASKET	ST	STEEL (Ring Joint)
4	STEM	Cr13	ASTM A276 T.410	14	STUD BOLT	B7	ASTM A193Gr.B7
5	BACK RING	Cr13	ASTM A276 T.410	15	NUT	2H	ASTM A194Gr.2H
5a	Back Ring FACE		INTEGRAL	17b	ELECTRIC ACTUATOR		
6	PACKING	GRF	GRAPHITE	18	NAME PLATE	SP	STAINLESS PLATE
7	GLAND	Cr13	ASTM A276 T.410	19	PAINT	EP	EPOXY
7e	WASHER	ST	STEEL	19a	END COVER	PVC	PLASTIC
8	GLAND FLANGE	WCB	ASTM A216 Gr.WCB				



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

DESIGN STD.: API 600 & ASME B16.34 FACE to FACE STD.: ANSI B16.10 & ISO 5752-T4 FLANGE STD.: ANSI B16.5 & ISO 7005-PN110 MAT'L ID.: WCB TRIM ID.: Cr13-Cr13-Cr13

Prep.:T. AKYÜREK Che.:K.KORKMAZ Appr.:N.ERGIN Rev.No / Date:R4 / 01.04.2009 Description: Doc No.:E530E.11-9R0 Attach. Page&Scale:1/1 A4 Origin:DES