



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

Figure

E530P.11



600-0043

DIMENSIONS & WEIGHT of E520

DN	ID	ØD	b	Øg	ØK	n	ØI	L	H	Kv
inc.	mm	mm	mm	mm	mm	no	mm	mm	mm	m ³ /h
2"	51	165	26	92	127	8	19	292	490	240
3"	76	210	32	127	168	8	22	356	590	520
4"	102	273	38	157	200	8	22	432	720	970
6"	152	356	48	216	270	12	22	559	970	2150
8"	203	419	56	270	330	12	26	660	1250	3850

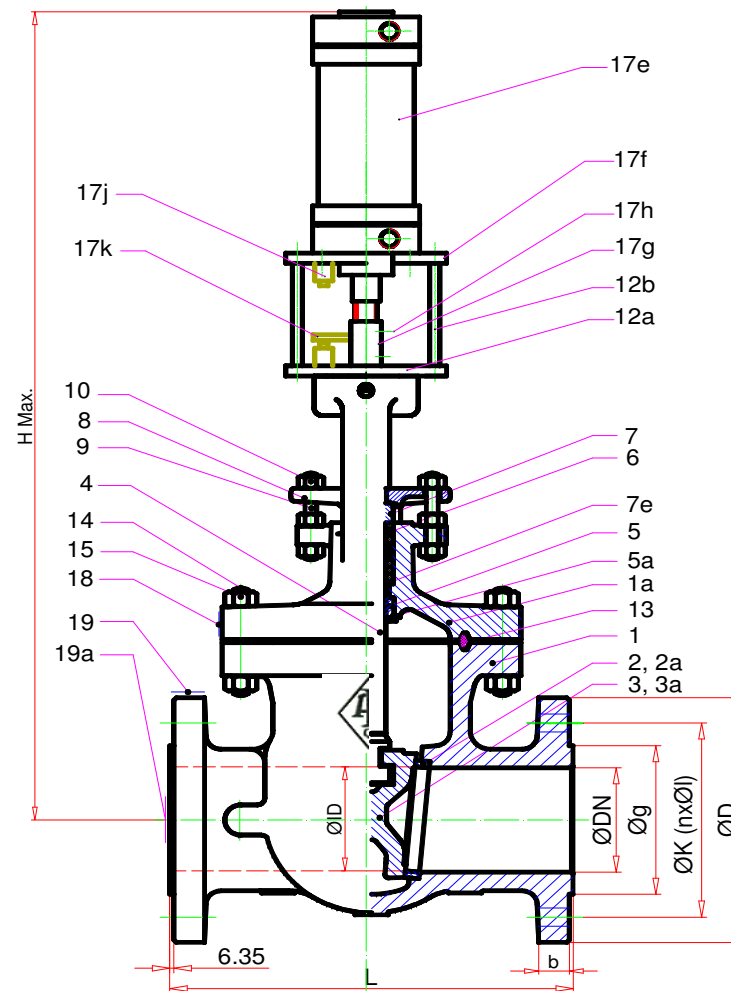
TEST PRESSURE

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	12a	FLANGE	ST	STEEL
1a	BONNET	WCB	ASTM A216 Gr.WCB	12b	BOLT	B	ASTM A307.B
2	BODY SEAT RING	ST	ASTM A105	13	GASKET	NASF	Non Asbestos S.Fb.
2a	Body Seat FACE	Cr13	AWS ER420	14	STUD BOLT	B7	ASTM A193 Gr.B7
3	WEDGE (*)	WCB	ASTM A216 Gr.WCB	15	NUT	2H	ASTM A194 Gr.2H
3a	Wedge Seat FACE	Cr13	AWS ER420	17e	PNEUMATIC CYLINDER		
4	STEM	Cr13	ASTM A276 T.410	17f	ADAPTOR	ST	STEEL
5	BACK RING	Cr13	ASTM A276 T.410	17g	COUPLING	ST	CARBON STEEL
5a	Back Ring FACE	INTEGRAL		17h	SETSCREW	ST	CARBON STEEL
6	PACKING	GRF	GRAPHITE	17j	LIMIT SWITCH		
7	GLAND	CR13	ASTM A276 T.410	17k	INDICATOR	ST	STEEL
7e	WHASHER	ST	STEEL	18	NAME PLANT	SP	STAINLESS PLATE
8	GLAND FLANGE	WCB	ASTM A216 Gr.WCB	19	PAINT	EP	EPOXY
9	GLAND BOLT	B	ASTM A307.B	19a	END COVER	PVC	PLASTIC
10	GLAND NUT	B	ASTM A307.B				



(*) 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-T3	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:R7 / 01.04.2009	Description:
Doc No.:E530P.11-9R0		Attach.	Page&Scale:1/1 A4	Origin:DES