



Acc. to API 602 & BS 5253 STANDARD
COMPACT GATE VALVES 800 Class
 BOLTED BONNET, OUTSIDE SCREWED & YOKE, RISING STEM

Figure

E504.11
E504S.11



DIMENSIONS & WEIGHT of E504

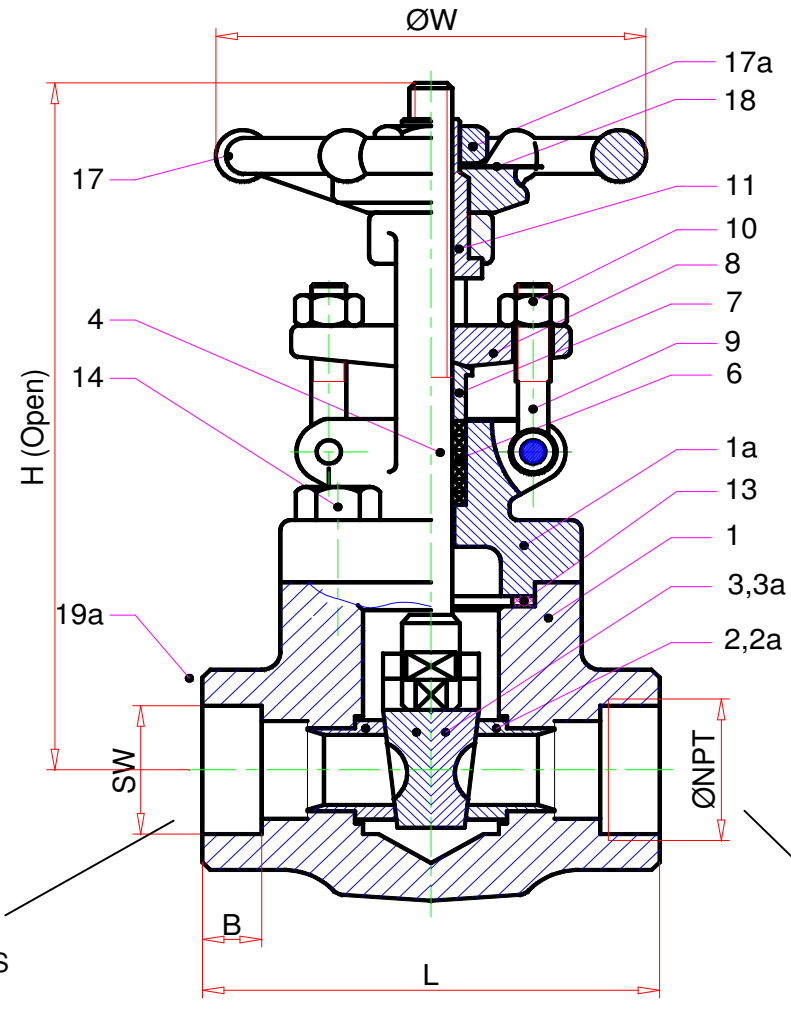
NPS	DN	SW	B	L	H	ØW	Wt
inc.	mm	mm	mm	mm	mm	mm	kg
1/2	15	21.8	10	73	165	100	2.1
3/4	20	27.1	13	80	180	100	2.2
1	25	33.8	13	100	205	125	4.3
1 1/4	32	42.6	13	114	230	160	5.5
1 1/2	40	48.7	13	120	273	160	6.9
2	50	61.1	16	130	330	180	10.8

TEST PRESSURE

SHELL & BACKSEAT	211 Bar
CLOSURE	155 Bar
WORKING PRESSURE	
-29+38 °C	140 Bar
+425 °C	76 Bar

PART LIST for Material No.11

Item	PART NAME	Symb.	material
1	BODY	A105	ASTM A105
1a	BONNET	A105	ASTM A105
2	BODY SEAT RING	CR13	ASTM A182 Gr.F6
2a	BODY SEAT FACE		INTEGRAL
3	WEDGE	CR13	ASTM A182 Gr.F6
3a	WEDGE SEAT FACE		INTEGRAL
4	STEM	CR13	ASTM A182 Gr.F6
6	PACKING	GRF	GRAPHITE
7	GLAND	410	AISI410
8	GLAND FLANGE	A105	ASTM A105
9	EYE BOLT	B7	ASTM A193 Gr.B7
10	NUT	2H	ASTM A194 Gr.2H
11	STEM BUSHING	416	AISI 416
13	GASKET	SWG	316+GRAPHITE
14	BOLT	B7	ASTM A193 Gr.B7
17	HANDWHEEL	CS	CARBON STEEL
17a	WHEEL NUT	CS	CARBON STEEL
18	NAME PLATE	AL	ALUMINIUM
19a	END COVER	PVC	



E504S
Type

E504
Type

DESIGN STD.: API 602 & BS 5352

TEST STD.: API 598

END TYPE: NPT or SW

MAT'L ID.: A105

TRIM ID.: CR13

Prep.:K.KORKMAZ

Che.:U.ÖZDEMİR

Appr.:N.ERGIN

Rev.No / Date:R5 / 18.11.2007

Description:

Datasheet Nr.:E504.11

Attach.

Page&Scale:1/1 A4

Origin:DES