



CLASS 600~2500 PRESSURE SEAL GATE VALVE

OS&Y,Rising stem,Flexible wedge

Pressure seat Bonnet,Threaded or welded seat ring

ASTM A216 WCB,A217 WC6,A351CF8,A351CF8M,

A351 CF3,A351 CF3M,A351 CN7M

Standards compliance

Design and Manufacture:AMS I B16.34,API600 API6D,BS1414

Face to face(end to end):ANSI B16.10,API6D

Flanged cnnnection:ANSI B16.5

Butt welded end:ANSI B16.25

Test and inspection:API598,API6D

A.Back up ring:Absors thrust applied by internal pressure

B.Thrust ring:Protects the soft metallic gasket from deformation

C.Gasket:Unique angular design provides superior sealing

Materials List		
NO.	Part name	Material
23	Grease nipple	Brass
22	Grub screw	Carbon steel
21	Hand wheel nut	Carbon steel
20	Hand wheel	Malleable Iron/cast steel/dycuke Iron/fabricated steel
19	Yoke nut	Carbon steel/SS
18	Eye bolt and nut	A 193 B7/A194 2H~A193 B8/A194 8
17	Pin	Carbon steel/stainless steel
16	Stem Nut	A 439-D2/cu-alloy
15	Gland flange	Carbon steel/equivalent to body material
14	Gland	Stain less steel
13	Gland bush	See body material
12	Back seat	
11	Stem	
10	Seat ring	
09	Wedge	

NO.	Part name	WCB	LCB	WC6	WC9
08	Bolt and nut	A193 Gr B7/A194 Gr 2H	A320 Gr L7/A194 Gr 4	A193 Gr B16/A194 Gr 4/7	A193 Gr B16/A194 Gr 4/7
07	Gland packing	Graphite	Graphite	Graphite	Graphite
06	Gasket	Soft Iron	Soft Iron	SS304	SS304
05	Thrust ring	A105	A182 F304	A182 F11	A182 F22
04	Back up ring	A105	A182 F304	A182 F11	A182 F22
03	Yoke	A216 Gr WCB	A352 Gr LCB	A271 Gr WC6	A271 Gr WC9
02	Bonnet	A216 Gr WCB	A352 Gr LCB	A271 Gr WC6	A271 Gr WC9
01	Body	A216 Gr WCB	A352 Gr LCB	A271 Gr WC6	A271 Gr WC9

L-L1	mm	451	508	578	673	794	914							
L-SP	mm	279	330	368	457	533	610							
H	mm	600	695	740	890	970	1135							
K	mm	400	450	300~	350~	350~	350~							
Wt	kg	110	130	140	225	295	1480							

Gear operation suggested.Dimensions on request.

Abbreviation:SP-short pattern

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Dong-ou Industrial Zone, Wenzhou, Zhejiang,China,325100

Int'l trade: Tel:(86)577-57999777 67995111 67995115 67995116 Fax:57999888 Local sales: Tel:57989999 Fax:57989988

[HTTP://www.chinateer.com](http://www.chinateer.com) E-mail: trade@chinateer.com