



### Primary service rating & test pressure

Class	Working press.	HYD. Test pressure		
		Body	Seat	Temp.
150	150 PSIG	425 PSIG	300 PSIG	500 ° F
300	300 PSIG	1100 PSIG	800 PSIG	800 ° F
400	400 PSIG	1450 PSIG	1060 PSIG	800 ° F
600	600 PSIG	2175 PSIG	1600 PSIG	800 ° F

Air Test - Seat 80 PSIG ± 10 PSIG

### Technical Data

Manufacturing STD	:	API 600 / BS 1414
Testing & Inspection STD	:	API 598
Face to Face	:	as per ANSI B 16.10
Shell wall thickness	:	ANSI B 16.34
Butt weld ends	:	ANSI B 16.25

No.	Description	Material	Qty.
01	Body	ASTM A 216 Gr. wcb	1
02	Bonnet	ASTM A 216 Gr. wcb	1
03	Wedge	AISI 410 ( 13% CR.)	1
04	Seat ring	AISI 410 ( 13% CR.)	1
05	Stem	AISI 410 ( 13% CR.)	1
06	Gland	Carbon Steel	1
07	Yoke Sleeve	NI - Resist	1
08	Bonnet Bush	AISI 410	1
09	Gasket	Spiral wound metallic Gasket	1
10	Gland packing	Matalic Wire Reinforced Graphited Asbestos	--
11	Bonnet Stud & Nut	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	--
12	Eye Bolt & Nut	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	2 Set
13	Hand Wheel	Cast Iron	1
14	Hand Wheel Nut	Carbon Steel	1

Suitable for : - Steam, Water and Oil

Size	Class -150		Class - 300		Class - 400		Class - 600	
	A	Ø J	A	Ø J	A	Ø J	A	Ø J
25	128	123						
40	166	152	192	152	242	250	242	250
50	179	203	215	203	291	305	291	250
65	191	203	240	203	331	305	331	405
80	202	254	281	254	355	405	355	405
100	230	305	304	305	405	405	433	490
125	255	305	380	356	456	490	507	490
150	268	356	402	356	494	490	560	610
200	293	356	420	406	596	610	659	675
250	331	406	456	457	672	675	786	825
300	355	457	501	508	761	825	837	825

all dimesion are in mm

**Note : Due to constant up gradation, dimensions are subject to change by the manufacturer.**