



**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

**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
End connections	: Flanged as per ANSI B 16.5

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	Metalic Wire Reinforced Graphited Asbestos/ Grafoil	--
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

**Class - 150**

Size	A	B	øC	øD	øM	N	PCD	ø J
25	127.0	14.2	51	108	16	4	79.0	123
40	165.0	17.5	73	127	16	4	98.5	152
50	178.0	19.0	92	152	19	4	120.5	203
65	190.5	22.3	105	178	19	4	140.0	203
80	203.0	24.0	127	190	19	4	152.4	254
100	229.0	24.0	157	229	19	8	190.5	305
125	254.0	24.0	186	254	22	8	216.0	305
150	267.0	25.0	216	278	22	8	241.0	356
200	292.0	28.5	270	343	22	8	298.4	356
250	330.0	30.0	324	406	25	12	362.0	406
300	356.0	32.0	381	483	25	12	432.0	457
350	381.0	35.0	413	534	29	12	476.0	508
400	406.0	36.5	470	597	29	16	540.0	508

**Class - 300**

Size	A	B	øC	øD	øM	N	PCD	ø J
40	190.5	20.5	73	155.5	22	4	114	152
50	216.0	22.0	92	165.0	22	8	127	203
65	241.0	25.0	105	190.5	22	8	149	203
80	282.5	28.5	127	209.5	22	8	168	254
100	305.0	32.0	157	254.0	22	8	200	305
125	381.0	35.0	186	279.4	22	8	235	305
150	403.0	36.5	216	317.5	22	12	270	356
200	419.0	41.0	270	381.0	25	12	330	356
250	457.0	47.5	324	444.5	29	16	387	406
300	502.0	51.0	381	521.0	32	16	451	457
350	762.0	54.0	413	584.0	32	20	515	508
400	838	57.0	470	648.0	35	20	572	508

**ALL DIMENSIONS ARE IN MM**

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