



'Fluid control' the Complete solution from one source !

Universal Engineering

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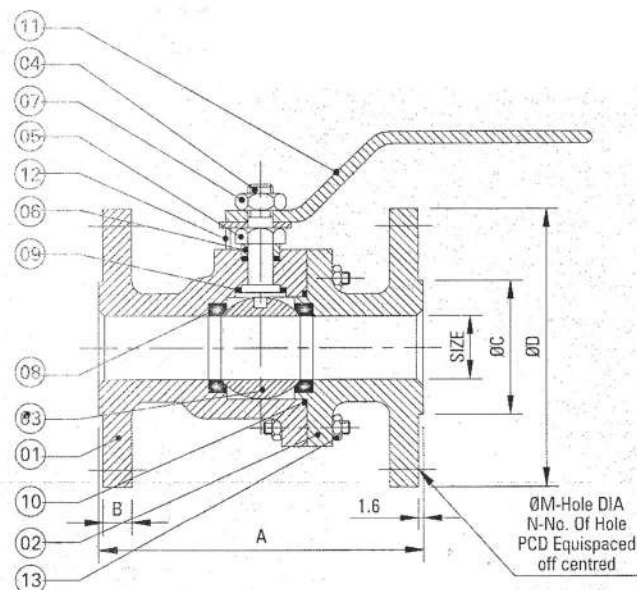
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I.C. BALL VALVE FLANGE END (TWO PIECE DESIGN)

Technical Data

Design & Manufacturing Std : BS 5351 / API 6D
Testing & inspection Std : API 598/BS 5146
Face To Face : As Per ANSI B 16.10
End Connections : Flanged as per ANSI B 16.5

Sr. No.	Parts Name	Material	Qty.
01	Body	ASTM A 351 Gr. CF8 / CF8M / CF3 / CF3M	1
02	Body Connector	ASTM A 351 Gr. CF8 / CF8M / CF3 / CF3M	2
03	Ball	-D0- / AISI 304/316/304L/316L	1
04	Stem	AISI 304/316/304L/316L	1
05	Gland Nut	AISI 304/316/304L/316L	1
06	Gland Bush	AISI 304/316/304L/316L	1
07	Lock Nut	AISI 304/316/304L/316L	1
08	Seat Ring	PTFE / GFT / CARBON / BRONZE	2
09	Stem Seal	PTFE / GFT / CARBON / BRONZE	2
10	Body Sealant Ring	PTFE / GFT / CARBON / BRONZE	1
11	Lever	M.S. / S.S - 202 / 304	1
12	Nuts & Bolt	M.S. / S.S - 202 / 304	1



Primary Service Rating & Test Pressure				
Class	Working Pressure	Hyd. Test Pressure		
		Body	Seat	Temp
150	150 PSI	425 PSI	300PSI	180 °C
Air Test - Seat 80 PSI ± 10 PSI				

Size NB	A	FB	ØD	ØC	PCD	B	ØM	N
25	127	25	108	51	79.5	11.1	16	4
32	140	31	117	64	89	12.7	16	4
40	165	37	127	73	98.5	14.3	16	4
50	178	50	152.5	92	121	16	19	4
65	190	63	178	105	140	17.5	19	4
80	203	75	191	127	152.5	19	19	4
100	229	100	229	157	192.5	24	19	4

All dimensions are in M.M.

