



'Fluid control' the Complete solution from one source !

Universal Engineering

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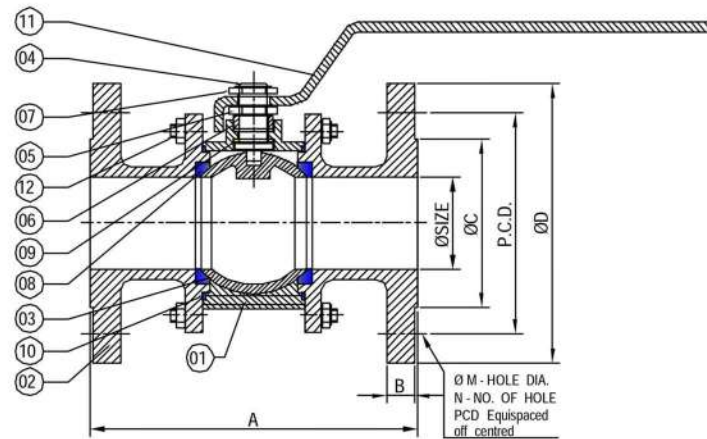
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CAST STEEL (WCB) 3 PIECE DESIGN BALL VALVE FLANGED ENDS 150#

Technical Data

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

Sr. No.	DESCRIPTION	Material	Qty.
01	Body	C.I. / C.S. / M.S. / S.S. 202 / S.S 304 / 316	1
02	Body Connector	C.I. / C.S. / M.S. / S.S. 202 / S.S 304 / 316	2
03	Ball	S.S. 202 / 304 / 316	1
04	Stem	S.S. 202 / 304 / 316	1
05	Gland Nut	S.S 202 / 304 / 316 / M.S.	1
06	Gland Bush	S.S 202 / 304 / 316 / M.S.	1
07	Lock Nut	S.S 202 / 304 / 316 / M.S.	1
08	Seat Ring	PTFE	2
09	Stem Seal	PTFE	2
10	Body Sealant Ring	PTFE	2
11	Lever	C.S. / S.S. 304 / S.S.316	1
12	Stud & Nut	C.S./S.S.	-



Size		CLASS 150						
Inch	M. M.	A	B	ØC	ØD	ØM	N	PCD
1/2"	15	108	10	35	89	16	4	60.4
3/4"	20	118	10.5	43	98	16	4	69.8
1"	25	127	11	51	108	16	4	79.2
1.1/4"	32	140	12.7	64	117	16	4	88.9
1.1/2"	40	165	14.2	73	127	16	4	98.5
2"	50	178	15.7	92	152	19	4	120.6
2.1/2"	65	191	17.5	105	178	19	4	139.7
3"	80	203	19	127	190.5	19	4	152.4
4"	100	229	24	157	229	19	8	190.5
5"	125	254	24	186	254	22	8	215.9
6"	150	267	25.5	216	279	22	8	241.3
8"	200	292	29.0	270	343	22	8	298.4

Primary Service Rating & Test Pressure				
Class	Working Pressure	Hyd. Test Pressure		
		Body	Seat	Temp
150	150 PSIG	425 PSIG	300PSIG	200 °F
Air Test - Seat 80 PSI ± 10 PSI				

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●		

All dimensions are in M.M.

