



'Fluid control' the Complete solution from one source !

Universal Engineering

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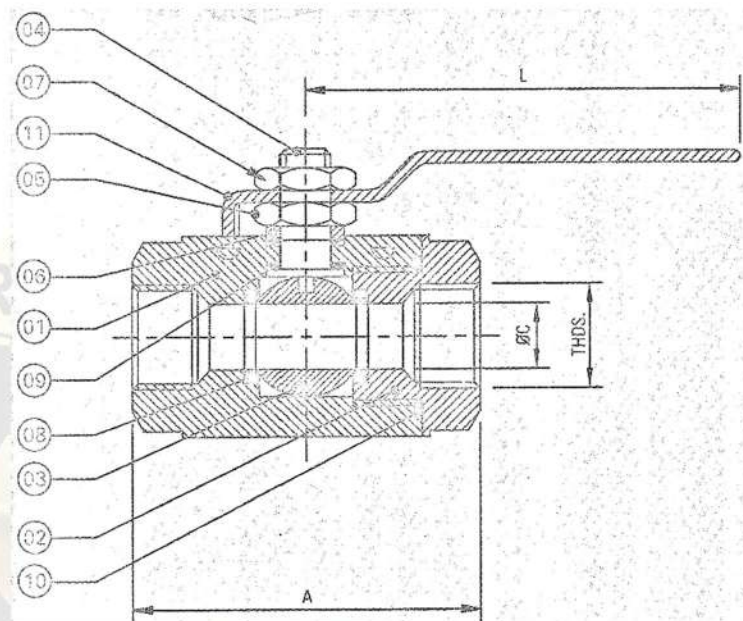
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BALL VALVE SINGLE PIECE, SCREWED END

Technical Data

Design & Manufacturing Std : BS 5351
Testing & Inspection Std : API 598/ BS 5146
Face to Face : As per ANSI B 16.10
End Connections: Screwed : BSP/BSPT/NPT
Socket Weld End to : ANSI B 16.11

Size		A	ØC	L	THRDS.
Inch	M. M.				
1/4"	8	052	10	110	1/4"
3/8"	10	052	10	110	3/8"
1/2"	15	065	13	125	1/2"
3/4"	20	076	18	125	3/4"
1"	25	085	25	125	1"
1 1/4"	32	100	32	175	1 1/4"
1 1/2"	40	100	38	175	1 1/2"
2"	50	120	50	175	2"
2 1/2"	65	151	63	252	2 1/2"
3"	80	171	75	252	3"
4"	100	180	98	252	4"



Sr. No.	Parts Name	Material	Qty.
01	Body	M.S./C.S./C.L./S.S. 202/304/316	1
02	Body Connector	M.S./C.S./C.L./S.S. 202/304/316	1
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	SS 202/304/316/M.S	1
08	Seat Ring	PTFE/GFT	2
09	Stem Seal	PTFE	2
10	Body Sealant Ring	PTFE	1
11	Lever	M.S./S.S.304/S.S. 316	1

All dimensions are in M.M.



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

