



'Fluid control' the Complete solution from one source !

Universal Engineering

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BALL VALVE THREE PIECE SCREWED END:

Technical Data

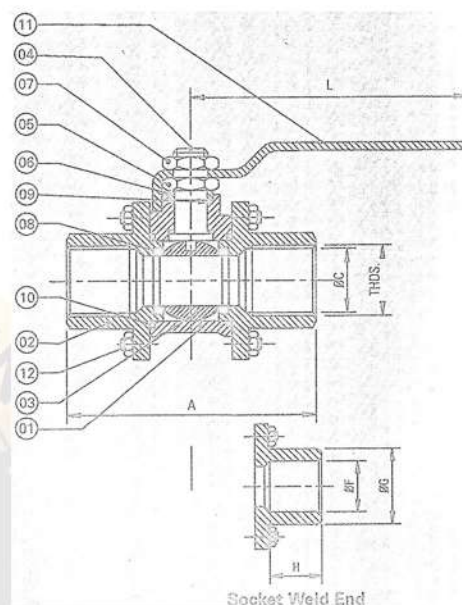
Design & Manufacturing Std: BS 5351/API 602

Testing & Inspection Std : API 598/ BS 5146

End Connections : Screwed : BSP / BSPT / NPT

Socket Weld Ends to : ANSI B 16.11

Sr. No.	Parts Name	Material	Qty.
01	Body	C.S. / C. I. / S.S. 304 / S.S. 316	1
02	Body Connector	C. S. / C. I. / S.S.304/S. S. 316	2
03	Ball	S.S. 202 / 304 / 316	1
04	Stem	S.S. 202 / 304 / 316	1
05	Gland Nut	M.S. / S.S. 202 / 304 / 316	1
06	Gland Bush	M.S. / S.S. 202 / 304 / 316	1
07	Lock Nut	M. S. / S. S. 202 / 304 / 316	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	2
11	Lever	M.S. / S.S	1
12	Stud & Nut	M.S. / S.S	4



Size		A	ØC	L	THDS, BSP BSPT/NPT	Socket Weld End		
Inch	M. M.					H	ØM	PCD
1/2"	15	90	13	155	1/2"	22.4	29	12.7
3/4"	20	90	19	160	3/4"	27.3	35	19.0
1"	25	95	25	160	1"	34.1	43	22.0
1 1/4"	32	110	32	160	1.1/4"	43.0	54	22.0
1 1/2"	40	120	38	178	1.1/2"	49.0	58	22.0
2"	50	130	50	178	2	61.3	71	23.0
2 1/2"	65	144	64	190	2.1/2"	76.0	105	23.0
3"	80	160	79	190	3"	90.0	108	23.0



PRESSURE IN CI MATERIAL IS 215 PSIG ONLY

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 PSI ± 10 PSI				

All dimensions are in M.M.

