



'Fluid control' the Complete solution from one source !

Universal Engineering

32, Gajanan Industrial Estate, Old Manekchowk Mill Compound,
Nr. Idgah Police Chowky, O/s. Dariapur Gate, Ahmedabad - 380 016, Gujarat, INDIA.

Phone : +91-79-2212 5274

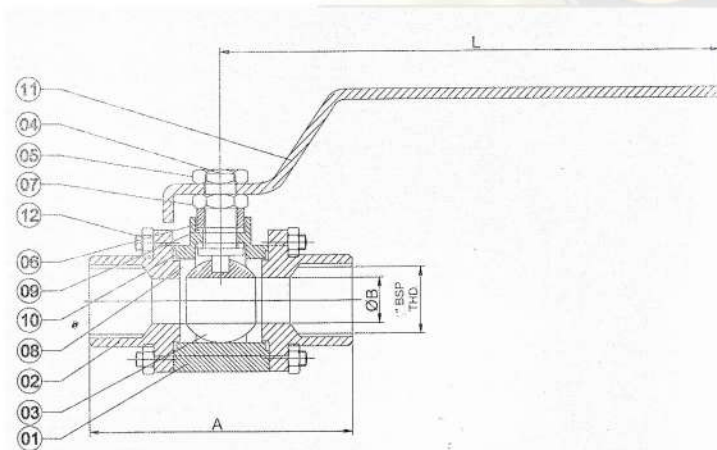
E-mail : universalvalves09@gmail.com

I.C. BALL VALVE SCREWED END (THREE PIECE DESIGN)

Technical Data

Design & Manufacturing Std : BS 5351 / API 602
Testing & Inspection Std : API 598 / BS 5146
End Connections : BSP/BSPT/NPT Socket Weld
Socket Weld End to : ANSI B 16.11

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	1
03	Ball	-D0- / AISI 304/316/304L/316L	1
04	Stem	AISI 304/316/304L/316L	1
05	Gland Nut	M.S./AISI 304/316/304L/316L	1
06	Gland BUsh	M.S./AISI 304/316/304L/316L	2
07	Lock Nut	M.S./AISI 304/316/304L/316L	1
08	Seat Ring	PTFE/GFT/Carbon/Bronze	1
09	Stem Seal	PTFE/GFT/Carbon/Bronze	2
10	Body Sealant Ring	PTFE/GFT/Carbon/Bronze	1
11	Lever	M.S./S. S. -202/304/316	1
12	Stude & Nuts	M.S./S. S. -202/304/316	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				

All dimensions are in M.M.

Size		A	ØC	THRDS. (BSP/NPT)
Inch	M. M.			
1/2"	15	68	12	1/2"
3/4"	20	70	19	3/4"
1"	25	87	23	1"
1.¼ "	32	93	31	1.¼ "
1.½ "	40	105	38	1.½ "
2"	50	122	50	2"
2.1/2"	65	146	64	2.1/2"
3"	80	157	75	3"
4"	100	190	100	4"

