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FULL BORE FLANGED BRASS BALL VALVE

BS 1240



Tecofi
VALVE DESIGNER - FRANCE



APPLICATION

General uses : Industrial water supplies, heating/ ventilation plants, industrial, agricultural sector, chemical and naval uses.

GENERAL CHARACTERISTICS

Brass body, Heavy chromed brass ball.
ISO flanged ends PN 10/16.
Operating by steel lever, 1/4 turn - PN 16.
Sealing of the axis by packing flanged.



CONSTRUCTION

11	1	Handle screw	Zinc coated steel	UNI 5739
10	1	Handle	Aluminium	UNI 5076-74
9	1	Packing nut	Brass	CW 614 N / EN 12164
8	1	Packing	PTFE	
7	2	Ring	Brass	CW 614 N / EN 12164
6	2	Body gasket	PTFE	
5	2	Seat	PTFE	
4	1	Stem	Brass	CW 614 N / EN 12164
3	1	Ball	Chromed brass	CW 617 N / EN 12165
2	2	Flange	Brass	CW 617 N
1	1	Body	Brass	CW 617 N
Pos.	Q-ty	Description	Material	

DIMENSIONS

DN		L	H	P	Ød	Weight (kg)
mm	inch					
15	1/2"	65	70	140	15	1,40
20	3/4"	80	70	140	20	1,80
25	1"	85	90	165	25	2,50
32	1" 1/4	100	100	165	32	3,62
40	1" 1/2	110	110	200	40	4,76
50	2"	125	120	200	49	6,50
65	2" 1/2	140	130	240	60	8,90
80	3"	150	145	240	74	11,85
100	4"	170	170	320	94	15,60

WORKING CONDITIONS

Maximum working pressure : 16 bar (DN15-DN50)
15 bar (DN65)
12 bar (DN80)
9 bar (DN100)

Maximum temperature : -10°C / +120°C.

AGREEMENT AND TESTING

Flange connection ISO PN16 according to EN 1092-1
Pressure test according to standards
EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :
Body : 24 bar.
Seat : 17,6 bar.

