

JM-BALL-02

BA02A



ALUMINIUM BRONZE BALL VALVE

Full Bore
DN15 – DN300 (1/2" - 12")

John Mills Valves was founded in 1828 and since then has been engaged in the manufacture and supply of valves for the Offshore and Marine markets. We offer a wide range of gate, globe, check and ball valves in bronze and aluminium bronze.

On site at Newcastle we have our own pattern shop, foundry, machine shop, assembly and testing facilities, so we can respond quickly and competitively to customers' needs. Our ISO 9001 Quality Assurance system ensures full traceability and control of quality from quotation through to final despatch.

Description

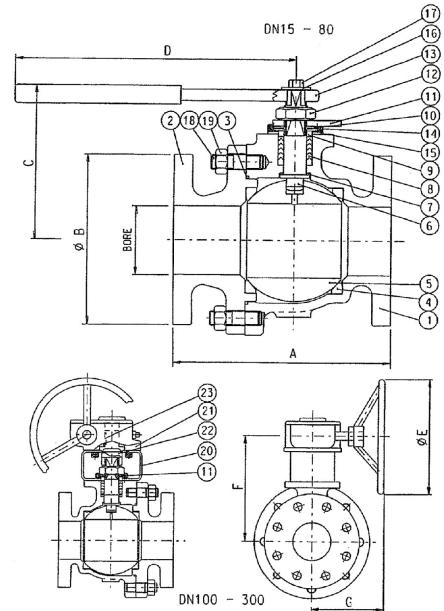
Aluminium Bronze Ball Valve, Full Bore. Flanged to ANSI
Options: Trim – Ball & Stem – Monel, Alt Boltings.

Maximum Working Pressure

(Subject to end connection)
Class 150

Materials

1	Body	Aluminium Bronze ASTM B148 C95800
2	Endplate	Aluminium Bronze ASTM B148 C95800
3	Endplate Seal	PTFE (Virgin)
4	Seat	PTFE (Virgin)
5	Ball (DN15 – DN100, 1/2" – 4")	Aluminium Bronze DEF STD 02 833 PT2 GR2
6	Ball (DN150 – DN300, 6" – 12")	Aluminium Bronze ASTM B148 C95800
7	Stem	Aluminium Bronze DEF STD 02 833 PT2 GR2
8	Thrust Washer	PTFE (Glass Filled)
9	Gland Packing	PTFE (Virgin)
10	Follower	Stainless Steel Type 316
11	Disc Spring	Stainless Steel
12	Stop / Washer	Stainless Steel
13	Stem Nut	Stainless Steel
14	Lever	Stainless Steel / Vinyl
15	Stop Screw	Stainless Steel
16	Spring Washer	Stainless Steel
17	Lockwasher	Stainless Steel
18	Lever Nut	Stainless Steel
19	Studs	1% Chrome Moly Steel ASTM A193 GRB7
20	Nuts	Carbon Steel ASTM A194 GR2H
21	Bracket (DN100 – DN300, 4" – 12")	Stainless Steel
22	Gearbox (DN100 – DN300, 4" – 12")	Stainless Steel
23	Gearbox Drive (DN100 – DN300, 4" – 12")	Stainless Steel Type 316
23	Key (DN100 – DN300, 4" – 12")	Key Steel



Specifications

Nom Bore	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"
	15mm	20mm	25mm	40mm	50mm	80mm	100mm	150mm	200mm	250mm	300mm
Bore	12.7	19.1	25.4	38.1	50.8	76.2	101.6	152.4	203.2	254	304.8
A Dim (mm)	108	117	127	165	178	203	229	394	457	533	610
B Dim (mm)	89	98	108	127	152	190	229	279	343	406	463
C Dim (mm)	77	80	111	120	121	172	-	-	-	-	-
D Dim (mm)	142	142	193	193	237	457	-	-	-	-	-
E Dim (mm)	-	-	-	-	-	-	305	305	457	600	600
F Dim (mm)	-	-	-	-	-	-	348	330	400	526	566
G Dim (mm)	-	-	-	-	-	-	256	256	279	430	415
Weight (Kg)	4.0	4.5	5.0	10	14	32	81	115	140	180	240

Unless otherwise requested by customer or valve specification, all valves manufactured by John Mills Valves will be fully tested to API598.

The information on this data sheet is accurate to the best of John Mills Valves knowledge, however we reserve the right to alter the product specification at any time. For any specific updated detail, please contact us..

John Mills Valves, 509 Shields Road, Walkergate, Newcastle Upon Tyne, NE6 4PX

Tel: +44 (0) 191 265 6550

Fax: +44 (0) 191 265 1002

E-mail: sales@johnmills-valves.com Website: www.johnmills-valves.com

Revision No: 1

15.08.07