

# JM-BALL-01

BA01-FF



## ALUMINIUM BRONZE BALL VALVE

Reduced Bore  
DN15 – DN350 (1/2" - 14")

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

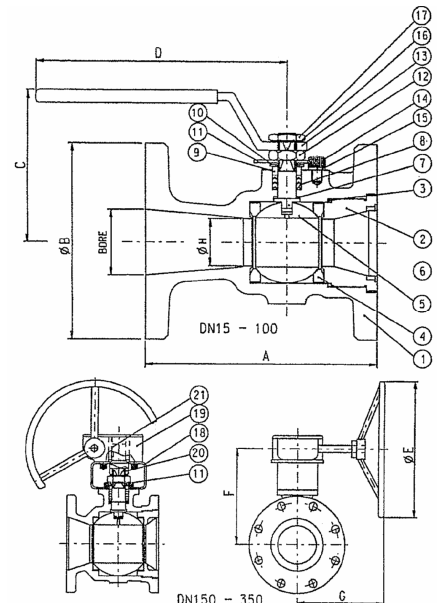
Aluminium Bronze Ball Valve, Reduced Bore. Flanged to ANSI.  
Options: Trim – Ball & Stem - Monel

### Maximum Working Pressure

(Subject to end connection)  
Class 150

### Materials

1	Body	Aluminium Bronze ASTM B148 C95800
2	Sleeve (DN15 – DN50 1/2" – 2")	Aluminium Bronze DEF STD 02 833 PT2 GR2
3	Sleeve (DN80 – DN350, 3" – 14")	Aluminium Bronze ASTM B148 C95800
4	Sleeve Seal	PTFE (Virgin)
5	Seat	PTFE (Virgin)
6	Ball (DN15 – DN150, 1/2" – 6")	Aluminium Bronze DEF STD 02 833 PT2 GR2
7	Ball (DN200 – DN350, 8" – 14")	Aluminium Bronze ASTM B148 C95800
8	Stem	Aluminium Bronze DEF STD 02 833 PT2 GR2
9	Thrust Washer	PTFE (Glass Filled)
10	Gland Packing	PTFE (Virgin)
11	Follower	Stainless Steel Type 316
12	Disc Spring	Stainless Steel
13	Stop / Washer	Stainless Steel
14	Stem Nut	Stainless Steel
15	Lever	Stainless Steel / Vinyl
16	Stop Screw	Stainless Steel
17	Spring Washer	Stainless Steel
18	Lockwasher	Stainless Steel
19	Lever Nut	Stainless Steel
20	Bracket (DN150 – DN350, 6" – 14")	Stainless Steel
21	Gearbox (DN150 – DN350, 6" – 14")	Stainless Steel
22	Gearbox Drive (DN150 – DN350, 6" – 14")	Stainless Steel
23	Key (DN150 – DN350, 6" – 14")	Key Steel



### Specifications

Nom Bore	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"	14"
	15mm	20mm	25mm	40mm	50mm	80mm	100mm	150mm	200mm	250mm	300mm	350mm
<b>Bore</b>	12.7	19.1	25.4	38.1	50.8	76.2	101.6	152.4	203.2	254	304.8	355.6
<b>A Dim (mm)</b>	108	117	127	165	178	203	229	267	292	330	356	381
<b>B Dim (mm)</b>	89	98	108	127	152	190	229	279	343	406	483	533
<b>C Dim (mm)</b>	77	77	80	111	118	153	172	-	-	-	-	-
<b>D Dim (mm)</b>	142	142	142	193	193	410	457	-	-	-	-	-
<b>E Dim (mm)</b>	-	-	-	-	-	-	-	305	305	457	610	610
<b>F Dim (mm)</b>	-	-	-	-	-	-	-	282	322	374	470	476
<b>G Dim (mm)</b>	-	-	-	-	-	-	-	252	252	259	310	291
<b>H Dim (mm)</b>	12.7	12.7	19.1	30.2	36.6	63.5	82.6	111.1	147.7	187.3	228.6	266
<b>Weight (Kg)</b>	1.7	1.9	2.5	4.9	7.8	19.3	30.4	80.0	95.0	125	150	190

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.

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