

### ENGLISH

# Datasheet **RS Pro Manual Ball Valve Stainless Steel 1-1/4in** RS Stock No: **764-4240**



#### **Product Details**

RS Pro stainless steel manual ball valve has a screwed end ball for flow control. This ball has 1-1/4 in thread size for external connection. It is available in various sizes.

#### **Features and Benefits**

- Full port 1/4 to 4 in (DN8 to DN100)
- W.P: 1000 WOG (PN63)
- W.T: -20 to 200°C
- Blow-out proof stem
- Locking device
- Thread type: ASME B1.20.1 (NPT) DIN2999 and BS21 ISO7/1 and EN10226
- ISO 5211 mounting pad
- Investment casting



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#### **Specifications:**

Attachment Type	Threaded
Ball Material	Stainless Steel
Body Material	Stainless Steel
Handle Colour	Blue
Handle Material	Stainless Steel
Safe for Use With	Gas, Oil, Water
Thread Standard	NPT
Threaded Connection	1-1/4 in NPT
Туре	Full Port
Thread Size	1-1/4 in
Maximum Working Pressure	1000 psi
Operating Temperature Range	-20 to +200°C



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ITEM	PARTS	MATERIAL						
1	BODY							
2	CAP	ASTM A351-CF8M ASTM A216-WCB						
3	BALL	ASTM A351-CF8M						
4	STEM	ASTM A276-316						
5	SEAT	PTFE / RTFE						
6	DEAL							
7	PACKING	PTFE						
8	THRUST WASHER							
9	GLAND NUT							
10	SPRING WASHER							
11	STEM NUT							
12	BOLT	AISI 304						
13	NUT							
14	SPRING WASHER							
15	HANDLE							
16	HANDLE SLEEVE	PVC						
17	LOCKING DEVICE	AISI 304						

DN	d	L	H	W	D	A	М	S	Т	H1	H2	ISO 5211	Torque (N-M)	Weight (kg)
8	11.6	65	58.5	100	36	39.9	M5	3/8"-24UNF	5	19.3	13.5	F03	7.5	0.4
10	12.5	65	58.5	100	36	39.9	M5	3/8"-24UNF	5	19.3	13.5	F03	7.5	0.4
15	15	65	62	100	36	46.7	M5	3/8"-24UNF	5	19.4	13.5	F03	7.5	0.5
20	20	75	62	125	36	52.2	M5	7/16"-20UNF	6.5	22.4	16	F03	7.5	0.7
25	25	85	77	149	42	58.2	M5	7/16"-20UNF	8	25.6	16.2	F04	12.5	1
32	32	101	82	149	42	69.6	M5	7/16"-20UNF	8	25.6	16.2	F04	15	1.7
40	38	112	100	190	50	77.8	M6	1/2"-20UNF	10	29.7	20	F05	20	2.4
50	50	130	108	190	50	90.1	M6	1/2"-20UNF	10	29.7	20	F05	25	3.5
65	63	162	137	250	70	114.6	M8	3/4"-10UNC	12	39.4	27.5	F07	64	6.7
80	76	188	145	250	70	168.7	M8	3/4"-10UNC	12	39.4	27.5	F07	85	9.8
100	96	224	179	323	102	215.4	M10	1"-8UNC	16	53.7	39.8	F10	95	19.2
														unit:mm
NPS	d	L	H	W	D	A	M	S	T	H1	H2	ISO 5211	Torque (in-1)	
1/4"	0.46	2.56	2.3	3.94	1.42	1.57	M5	3/8"-24UNF	0.2	0.76	0.53	F03	66.4	0.8
3/8"	0.49	2.56	2.3	3.94	1.42	1.57	M5	3/8"-24UNF	0.2	0.76	0.53	F03	66.4	0.8
1/2"	0.59	2.56	2.44	3.94	1.42	1 0 /	ME							
						1.84	M5	3/8"-24UNF	0.2	0.76	0.53	F03	66.4	1.1
3/4"	0.79	2.95	2.44	4.92	1.42	2.06	M5	7/16"-20UNF	0.26	0.88	0.63	F03	66.4	1.1 1.6
1"	0.98	2.95 3.35	2.44 3.03	4.92 5.87	1.42 1.65	2.06 2.29	M5 M5	7/16"-20UNF 7/16"-20UNF	0.26 0.31	0.88	0.63	F03 F04	<u>66.4</u> 110.6	1.1 1.6 2.3
1" 1-1/4"	0.98	2.95 3.35 3.98	2. 44 3. 03 3. 23	4.92 5.87 5.87	1.42 1.65 1.65	2.06 2.29 2.74	M5 M5 M5	7/16"-20UNF 7/16"-20UNF 7/16"-20UNF	0.26 0.31 0.31	0.88	0.63 0.64 0.64	F03 F04 F04	66.4 110.6 132.8	$     \begin{array}{r}       1.1 \\       1.6 \\       2.3 \\       3.6 \\       \end{array} $
$\frac{1"}{1-1/4"} \\ \frac{1-1/2"}{1-1/2"}$	0.98 1.26 1.5	2.95 3.35 3.98 4.41	2.44 3.03 3.23 3.94	4.92 5.87 5.87 7.48	1.42 1.65 1.65 1.97	2.06 2.29 2.74 3.06	M5 M5 M5 M6	7/16"-20UNF 7/16"-20UNF 7/16"-20UNF 1/2"-20UNF	0.26 0.31 0.31 0.39	0.88 1.01 1.01 1.17	0.63 0.64 0.64 0.79	F03 F04 F04 F05	66.4 110.6 132.8 177	$     \begin{array}{r}       1.1 \\       1.6 \\       2.3 \\       3.6 \\       5.3 \\       \end{array} $
$\frac{1"}{1-1/4"} \\ \frac{1-1/2"}{2"}$	0.98 1.26 1.5 1.97	2.95 3.35 3.98 4.41 5.12	2. 44 3. 03 3. 23 3. 94 4. 25	4.92 5.87 5.87 7.48 7.48	1.42 1.65 1.65 1.97 1.97	2.06 2.29 2.74 3.06 3.55	M5 M5 M5 M6 M6	7/16"-20UNF 7/16"-20UNF 7/16"-20UNF 1/2"-20UNF 1/2"-20UNF	0.26 0.31 0.31 0.39 0.39	0.88 1.01 1.01 1.17 1.17	0.63 0.64 0.64 0.79 0.79	F03 F04 F04 F05 F05	66. 4 110. 6 132. 8 177 221. 3	$     \begin{array}{r}       1.1 \\       1.6 \\       2.3 \\       3.6 \\       5.3 \\       7.7 \\       \hline       7.7 \\       \hline       $
$\frac{1"}{1-1/4"}\\\frac{1-1/2"}{2"}\\\frac{2}{2-1/2"}$	0.98 1.26 1.5 1.97 2.48	2.95 3.35 3.98 4.41 5.12 6.38	2. 44 3. 03 3. 23 3. 94 4. 25 5. 39	4.92 5.87 5.87 7.48 7.48 9.84	1.42 1.65 1.65 1.97 1.97 2.76	2.06 2.29 2.74 3.06 3.55 4.51	M5 M5 M5 M6 M6 M8	7/16"-20UNF 7/16"-20UNF 7/16"-20UNF 1/2"-20UNF 1/2"-20UNF 3/4"-10UNC	0.26 0.31 0.31 0.39 0.39 0.47	0.88 1.01 1.01 1.17 1.17 1.55	0.63 0.64 0.64 0.79 0.79 1.08	F03 F04 F04 F05 F05 F07	66. 4 110. 6 132. 8 177 221. 3 566. 4	$     \begin{array}{r}       1.1 \\       1.6 \\       2.3 \\       3.6 \\       5.3 \\       7.7 \\       14.8 \\       \end{array} $
$\frac{1"}{1-1/4"} \\ \frac{1-1/2"}{2"}$	0.98 1.26 1.5 1.97	2.95 3.35 3.98 4.41 5.12	2. 44 3. 03 3. 23 3. 94 4. 25	4.92 5.87 5.87 7.48 7.48	1.42 1.65 1.65 1.97 1.97	2.06 2.29 2.74 3.06 3.55	M5 M5 M5 M6 M6	7/16"-20UNF 7/16"-20UNF 7/16"-20UNF 1/2"-20UNF 1/2"-20UNF	0.26 0.31 0.31 0.39 0.39	0.88 1.01 1.01 1.17 1.17	0.63 0.64 0.64 0.79 0.79	F03 F04 F04 F05 F05	66. 4 110. 6 132. 8 177 221. 3	$     \begin{array}{r}       1.1 \\       1.6 \\       2.3 \\       3.6 \\       5.3 \\       7.7 \\       \hline       7.7 \\       \hline       $

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For 1/4" to 2-1/2"

4 BOLTS

unit:in

, For 3" and 4"

6 BOLTS

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

TRD 100 Type CONSTRUCTION (CC 1907/2006)