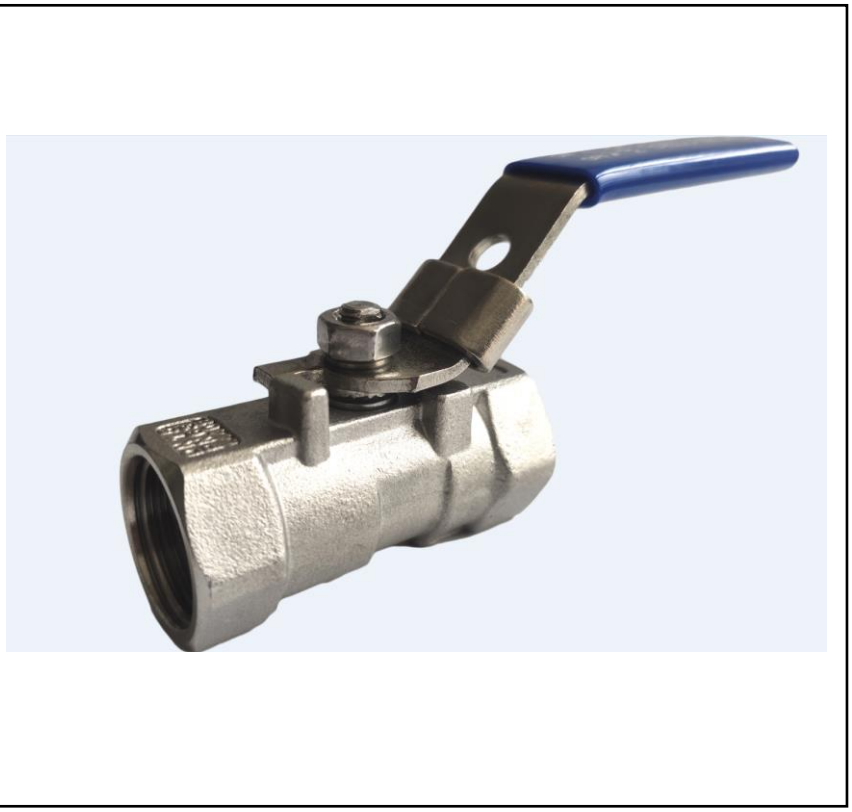
Features

- Reduced port, 3" (DN80)
- Working Pressure: 1000 WOG(PN63)
- Working Temperature: -20℃~200℃
- Investment Casting
- Blow-out proof Stem
- Locking device
- Tread Type: NPT

RS PRO 316 Stainless Steel High Pressure 1 pieces Ball Valve, 3" in NPT 2 Way

RS Stock No.: 0834669



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Introducing the RS PRO general purpose manual ball valve designed for industrial applications. Manual ball valves are used to operate shut off valves which control water flow and pressure.

Feature:

- Reduced port, 3" (DN80)
- Working Pressure: 1000 WOG(PN63)
- Working Temperature: -20℃~200℃
- Investment Casting
- Blow-out proof Stem
- Locking device
- Tread Type: ASME B1.20.1(NPT)

General Specifications

Threaded Connection	3 in NPT
Attachment Type	Threaded
Body Material	ASTM A351-CF8M
Thread Size	3 in
Safe For Use With	Gas, Oil, Water
Ball Material	ASTM A351-CF8M
Thread Standard	NPT
Handle Material	Stainless Steel
Type	2 Way
Application	Heating systems; Water treatment; Liquid flow control
Connection Size	6.35mm
Torque	0.8Nm
Weight	0.1kg

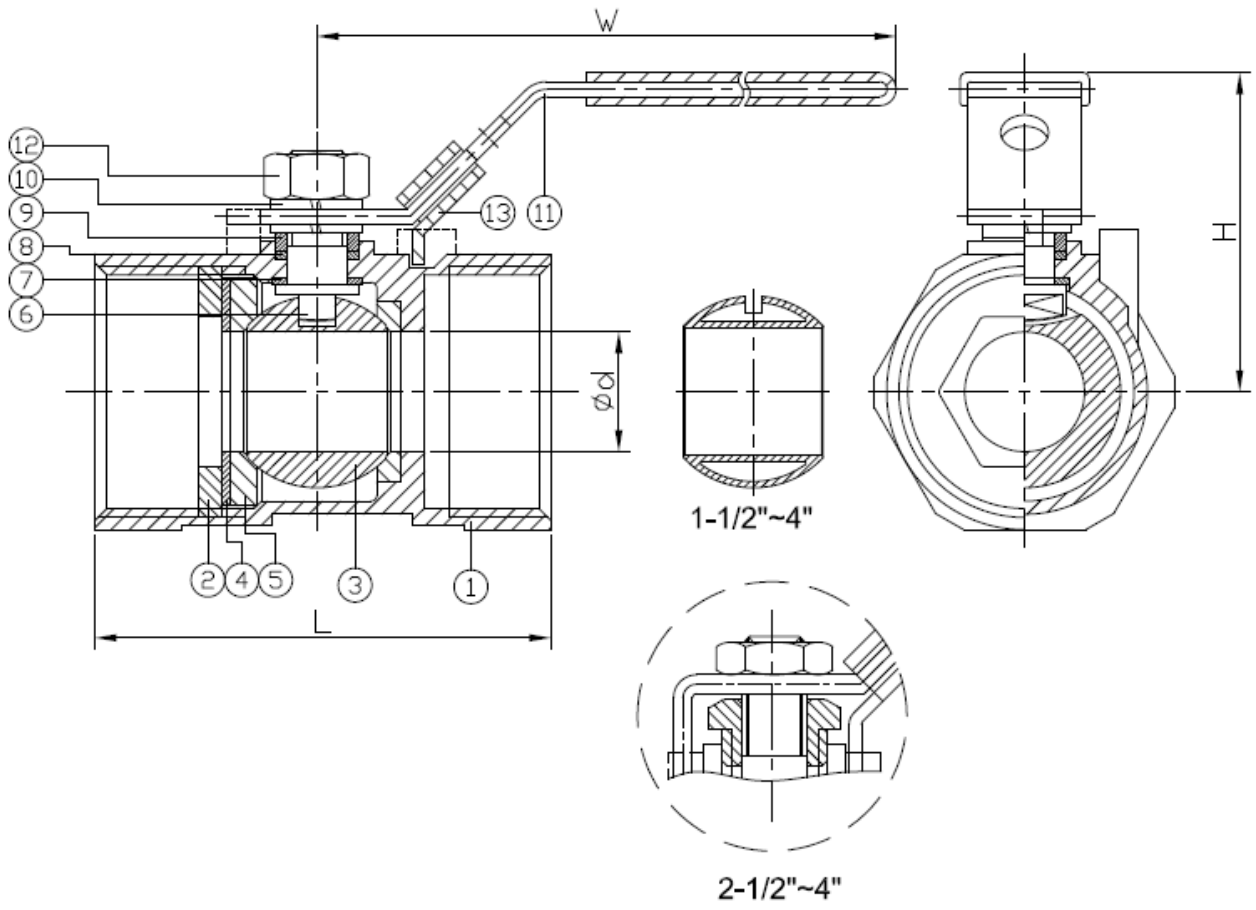
DN	d	L	H	W	Wright (kg)	Torque (N-M)
8	5	40	33	78	0.1	6.5
10	7	44	35	80	0.1	6.5
15	9	56	40	92	0.2	7.8
20	12	59	42	95	0.2	7.8
25	15	71	49	110	0.4	10.4
32	20	77	59	130	0.6	15.6
40	25	82	56	145	0.8	19.5
50	32	98	64	150	1.3	26
65	38	126	90	172	2.3	49.4
80	50	150	100	172	3.5	63.7
100	65	191	125	210	9	84.5

unit:mm

NPS	d	L	H	W	Wright (lb)	Torque (in-lb)
1/4"	0.2	1.57	1.3	3.07	0.2	57.5
3/8"	0.28	1.73	1.38	3.15	0.3	57.5
1/2"	0.35	2.2	1.57	3.62	0.4	69
3/4"	0.47	2.32	1.65	3.74	0.5	69
1"	0.59	2.8	1.93	4.33	0.8	92
1-1/4"	0.79	3.03	2.32	5.12	1.3	138.1
1-1/2"	0.98	3.23	2.2	5.71	1.8	172.6
2"	1.26	3.86	2.52	5.91	2.9	230.1
2-1/2"	1.5	4.96	3.54	6.77	5.2	437.2
3"	1.97	5.91	3.94	6.77	7.7	563.8
4"	2.56	7.52	4.92	8.27	19.9	747.9

unit:in

ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M
2	RETAINER	
3	BALL	SS 316
4	GASKET	PTFE
5	SEAT	
6	STEM	SS 316
7	THRUST WASHER	PTFE
8	PACKING	
9	GLAND	SS 304
10	WASHER	S.S
11	HANDLE	SS 201
12	NUT	A2-70
13	LOCKING DEVICE	SS 201



FEATURES:
-Screwed end : BS 21-1985 / ASME B1.20.1-1983
-Reduce port

Similar Products

RS Stock No.	MPN	DN (mm)	NPS	L (mm)	H	W (mm)
	0834660	1/4"	DN8	39	28.5	65
	0834661	3/8"	DN10	44	31	88
	0834662	1/2"	DN15	56.5	38	110
	0834663	3/4"	DN20	59	40	110
	0834664	1"	DN25	71	47	110
	0834665	1 1/4"	DN32	78	52	110
	0834666	1 1/2"	DN40	83	58.5	155
	0834668	2"	DN50	99	64.5	155
	0834669	3"	DN80	150	100	172

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories