## Features

- Reduced port, 3/4" (DN20)
- 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, 3/4" in NPT 2 Way

RS Stock No.: EX03622090



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:**

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- Working Pressure: 1000 WOG(PN63)
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- Blow-out proof Stem
- Locking device
- Tread Type: ASME B1.20.1(NPT)

## General Specifications

| | |
|---|---|
| **Threaded Connection** | 3/4 in NPT |
| **Attachment Type** | Threaded |
| **Body Material** | ASTM A351-CF8M |
| **Thread Size** | 3/4 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 |

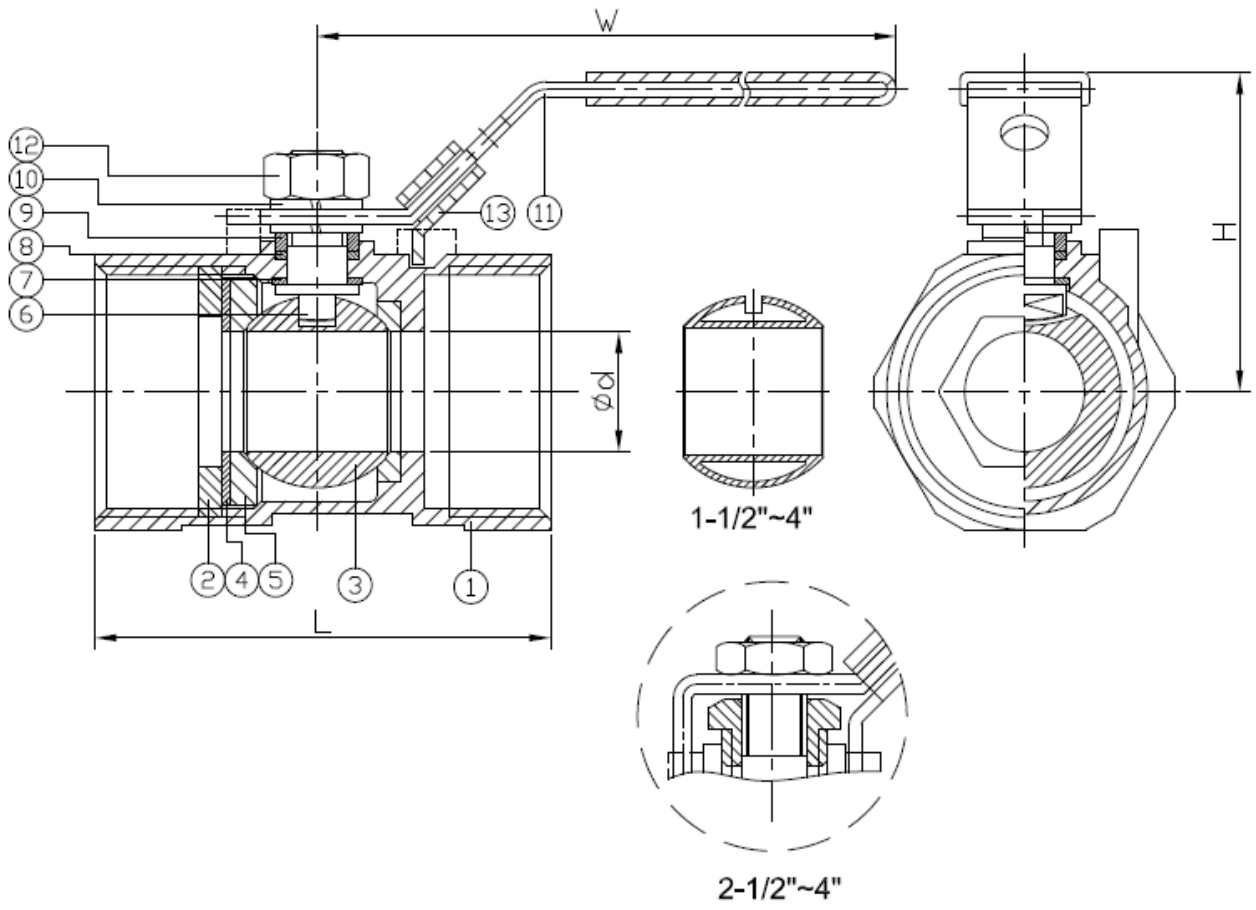
| DN | d | L | H | W | Wright (kg) | Torque (N-M) |
|---|---|---|---|---|---|---|
| 8 | 5 | 40 | 33 | 78 | 0.1 | 6.5 |
| 10 | 7 | 44 | 35 | 80 | 0.1 | 6.5 |
| 15 | 9 | 56 | 40 | 92 | 0.2 | 7.8 |
| 20 | 12 | 59 | 42 | 95 | 0.2 | 7.8 |
| 25 | 15 | 71 | 49 | 110 | 0.4 | 10.4 |
| 32 | 20 | 77 | 59 | 130 | 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