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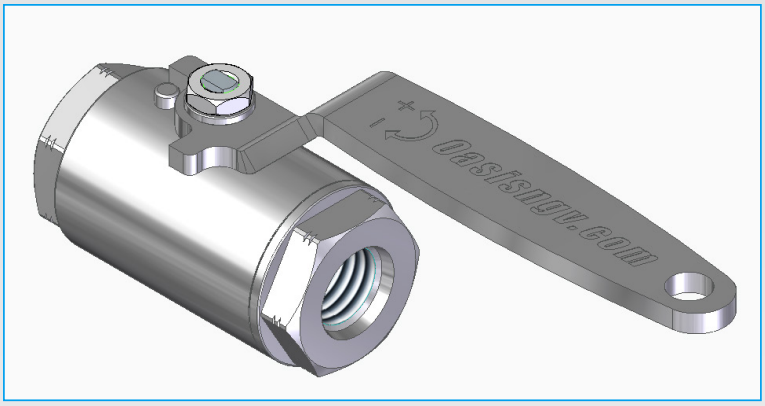
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# 900 Series Ball Valves

## Applications

High Flow ball valves for Compressors, Dispensers, Priority Panels, Isolation valves, Gas storage.

Suitable for Hydrogen, CNG, Biogas, Helium, Nitrogen.




BV904-6S4PCDW-G000

## Materials

| Item | Part | Material |
|---|---|---|
| 1 | Body & Cap | 316 Stainless Steel |
| 2 | Ball | 316 Stainless Steel |
| 3 | Stem | XM19 Stainless Steel |
| 4 | Seats | B16 PEEK |
| 5 | Thrust washer | Delrin |

| Item | Part | Material |
|---|---|---|
| 6 | Gland | Delrin |
| 7 | O-rings | Viton |
| 8 | Backup rings | Nitrile |
| 9 | Handle | 304 Stainless Steel |

## Product Information

Type tested to ISO23826.

Complies with PED 2014/68/EU.

All products are manufactured to ISO 9001 standards.

SAE threads conform to SAE J1926.

Other connections available on request.

## Features & Benefits

Easy to service, kits readily available.

Quarter turn handle.

Anti blow-out stem.

Manufactured from certified bar stock.

Lockout system available to prevent accidental operation of valve.

Actuated options available.

TPED version available.

We reserve the right to modify product specifications without prior notice.

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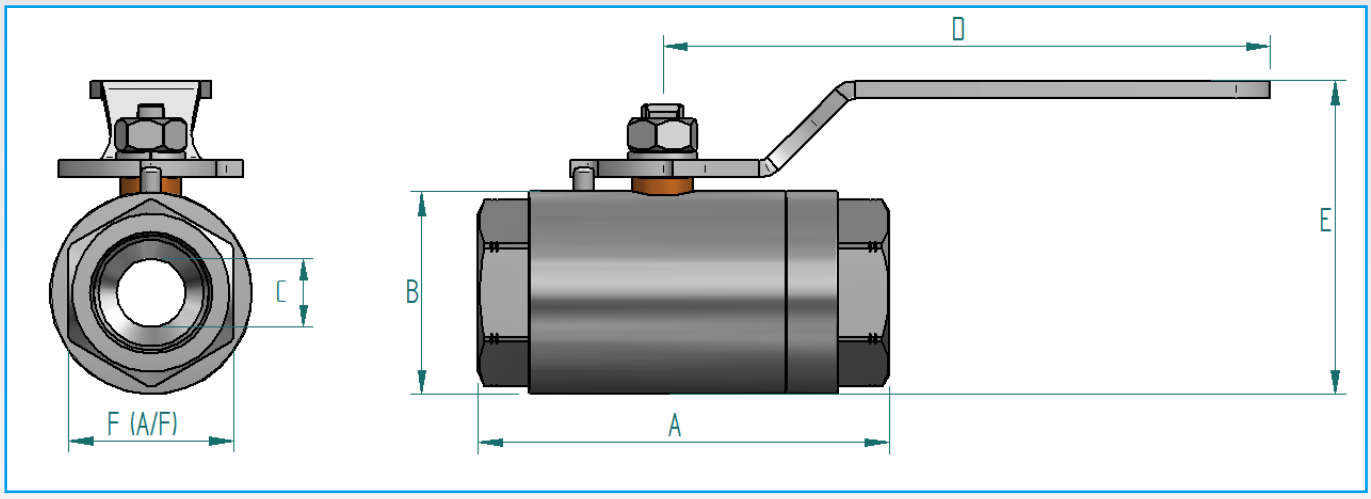
# 900 Series Ball Valves

## SAE Product Specification

| Part Code | Size (DN) Inch | Mass lb (kg) | Lowest Operating Pressure bar (psi) * | Working Pressure (WP) bar (psi) ** | Test Pressure (PT) bar (psi) *** | Min. Temp. °F (°C) | Max Temp. °F (°C) | Cycles Before Rekit^ | Stem Open Torque ft-lb (Nm)^^ | Cv | Service Kit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BV904-6S4PCDW-G000 | 1/2” | 1.5 (0.7) | 6.9 (100) | 385 (5584) | 462 (6700) | -40 (-40) | 149 (65) | 2000 | 14.7 (20) | 13.1 | BV900-SK1-S4 |

* Lowest settled gas pressure for which the ball valve is designed. This is the minimum pressure that the product will hold constant bubble tight seal.
** Settled pressure of a compressed gas at a uniform reference temperature of 15°C in a full pressure receptacle for which the valve is intended.
*** Minimum pressure applied to the valve during testing
^ The temperature’s and cycles stated depend on the system conditions and may not be achievable in all situations.
Contact Oasis for further information.
^^ Maximum opening torque at maximum operating pressure.

## Product Dimensions




## SAE Product Dimensions - Inch(mm)

| Part Code | Size (DN) Inch | A | B | ∅ C | D | E | Port Thread | F (A/F) |
|---|---|---|---|---|---|---|---|---|
| BV904-6S4PCDW-G000 | 1/2” | 3 (75.5) | 1.6 (40) | .5 (13) | 5.7 (144) | 2.7 (69) | 3/4-16 SAE FEMALE | 1.3 (33.4) |

Other sizes and fittings available on request, contact Oasis for further information.

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