

Model RBS/RBSA/RSL COSASCO[®] Two-Inch System Service Valve Kits

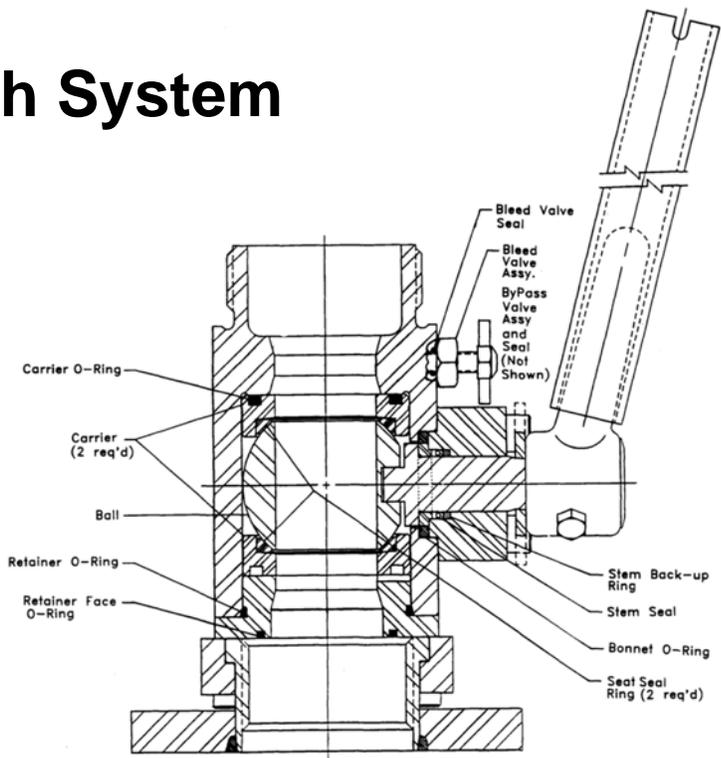
Specifications:

- **Meets NACE MR0175 and MR0103**
- **Pressure Rating — 3600 PSI (24.8 MPa)**
- **By-Pass Bleed Valve Provides Safe Pressurization**
- **Complies with API 6FA and API 607 as a Fire-Safe Unit**
- **Seal Options Available for Temperature Ratings Up to +450 °F (+232 °C)**
- **Compact Design**

The complete Service Valve Kit includes the valve assembly with extension lever, brass hammer, spare face-to-access fitting o-ring, and a heavy duty field service box for safe, compact storage and easy portability.

COSASCO[®] RBS/RBSA/RSL Service Valve Kits are especially designed for use with COSASCO[®] Access Fittings and RBS/RBSA/RSL Retrievers. Attached to the access fitting body, the valve is the control which allows the pressurized product to enter the retriever during insertion and removal of COSASCO[®] Solid or Hollow Plug Assemblies. It also contains the pressurized product when the retriever is disconnected. Retriever and Service Valve hook-up is indicated in Figure 2.

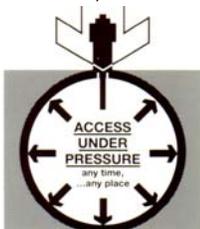
Basically a ball-type valve with full-opening port, a special pressure equalizing port allows the operator to slowly release line pressure to the retriever. With pressure balanced on both sides of the ball, the difficulty or torque problems, even on high pressure systems.



Service Valve configuration is shown in Figure 1. The retriever end connection is a three and one-half inch acme thread, mating with the hammer nut of the RBS/RBSA/RSL Retrievers. At the other end, a three inch acme thread hammer nut mates with the COSASCO[®] Access Fitting.

The valve also incorporates a secondary special built-in vent to atmosphere valve allowing product bleed-off away from the operator for safety and cleanliness. With the aid of the optional accessory Diverter Hose Assembly, the bleed valve can also be used for product sampling, back-pressuring or for product or pressure relief.

Should the solid or hollow plug thread, packing, or o-ring become damaged, preventing service valve removal, a Service Valve Blanking Plug can be used to seal the open end of the valve. The Service Valve Blanking Plug, available as an optional accessory is mated to the acme threads of the service valve after removing the retriever. This provides a secondary seal for the valve. The Service Valve can then be left in place, completely sealing the access fitting until corrective repairs can be made at a later date.



Description	NACE Part No.	Hi-Temp
Service Valve Kit	601001	601011
Service Valve Assembly w/ Extension Lever	601000	601010
Brass Hammer	125137	
Service Valve Box	611008	
Weight & Dimensions		
Service Valve Face-to-Face Dimension	7.81" (19.8 cm)	
Service Valve and End-to-End Dimension	9.12" (23.2 cm)	
Service Valve Assembly Weight	34.0 lb.	
Service Valve Cubage	1.00 cu. ft.	

Flanged valves, alternate materials, and high temperature valves are available on special order. Standard units are related for pressures up to 3600 PSI (24.8 Mpa) at temperatures to +200 °F (+93 °C).

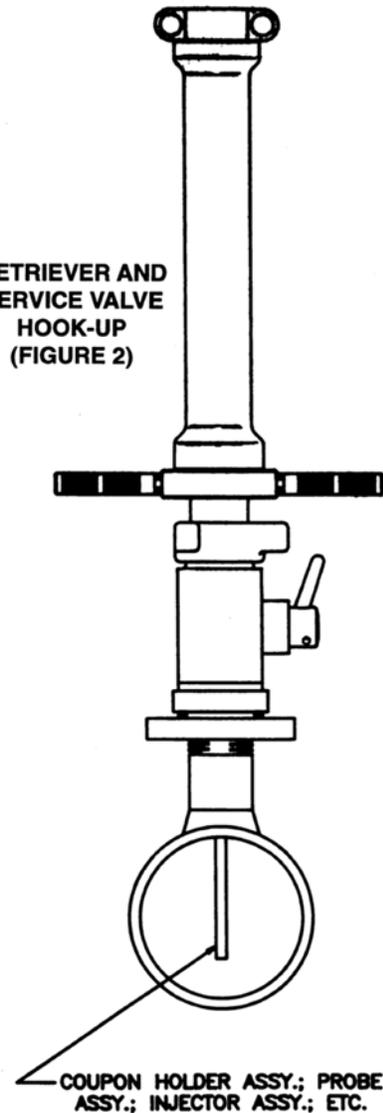
Service Valve Repair and Seal Kits:

Description	Repair Kit NACE Trim P / N	Seal Kit NACE Trim P / N
Repair and Seal Kits consisting of:	210501	210502
Stem wiper ring, Molythane	Yes	Yes
Stem back-up ring, Teflon	Yes	Yes
Stem seal, Polymyte w / Viton O-Ring	Yes	Yes
Stem seal, Polymyte w / Nitrile O-Ring	No	No
Stem O-Ring, Viton	Yes	Yes
Stem O-Ring, Nitrile	No	No
Adapter face O-Ring, Viton	Yes	Yes
Adapter face O-Ring, Nitrile	No	No
Adapter body O-Ring, Viton	Yes	Yes
Adapter body O-Ring, Nitrile	No	No
Ball seat seal ring, Celcon (2)	Yes	Yes
Bleed adapter carrier seal, Viton	Yes	Yes
Bleed adapter carrier seal, Nitrile	No	No
Bleed adapter carrier, 17-4 PH (2)	Yes	N / A
Bleed adapter carrier, carbon steel (2)	No	N / A
Ball, 17-4 PH	Yes	N / A
Ball, carbon steel	No	N / A
Bleed valve screw assembly, Viton (2)	Yes	N / A
Bleed valve screw assembly, Nitrile (2)	No	N / A
Bleed valve seals, Viton (2)	Yes	Yes
Bleed valve seals, Nitrile (2)	No	No

Optional Accessories:

- 124669 Diverter Hose Assembly - 10 ft.
- 124931 Diverter Hose Assembly - 25 ft.
- 124685 Diverter Hose Assembly - 50 ft.
- 127391 Service Valve Blanking - Plug Assembly

RETRIEVER AND
SERVICE VALVE
HOOK-UP
(FIGURE 2)



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