

Model RBS COSASCO[®] Two-Inch System Retriever Kit

Specifications:

- **Pressure Rating—6000 PSI (41.3 MPa) Working Pressure**
- **Temperature Rating — +450 °F (+232 °C)**
- **Pressure-Balanced Design Has Over 25 Years of Field-Proven Reliability**
- **Meets NACE MR0175 and MR0103**

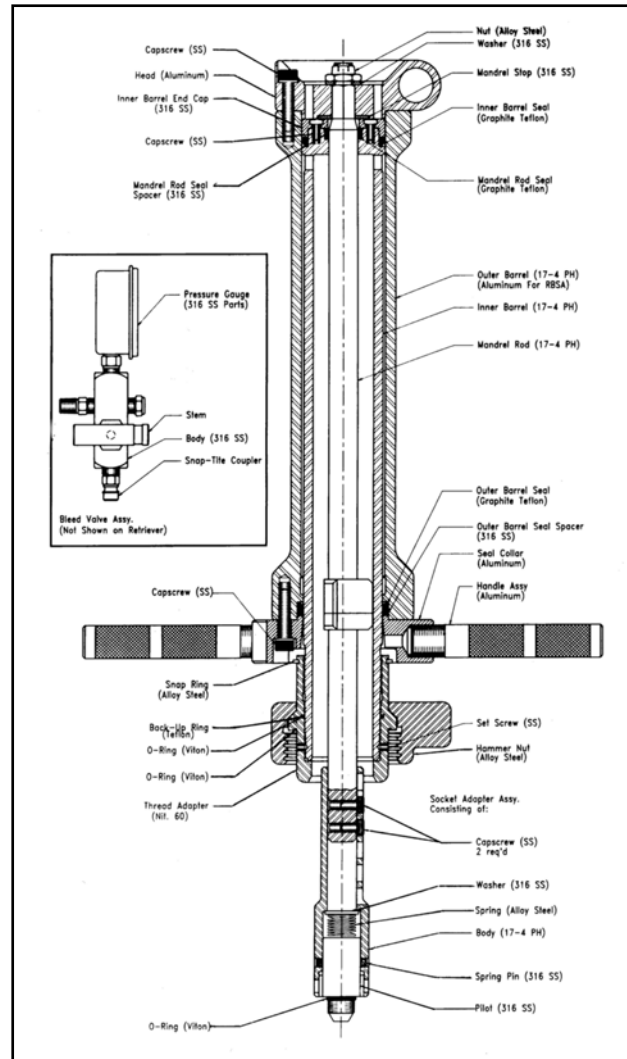
The Rohrback Cosasco Systems RBS Retriever is a precision tool which allows safe, easy insertion and removal of various equipment and tools through a Rohrback Cosasco System Access Fitting - while the pipeline or vessel is under pressure. Used in conjunction with a Rohrback Cosasco Systems 6000 Service Valve, the tandem hook-up is designed to allow line working pressure to slowly bleed pressure into the retriever inner assembly as the plug assembly moves off its seat in the Access Fitting Body. The resulting balanced pressure allows easy insertion and retrieval under full operation pressures up to 6000 PSI (41.3 Mpa).

A single RBS Retriever and Service Valve can be used for any convenient number of Rohrback Cosasco Systems Access monitoring points such as in a refinery, producing field or platform.

The major components of the RBS Retriever are: a stationary inner barrel; thread adapter; moveable outer barrel and mandrel rod; and socket adapter assembly. Sealing within the unit is achieved with Viton O-rings, Teflon back-up rings, and graphite impregnated Teflon seals.



A bleeder valve assembly incorporated in the RBS Retriever allows product bleed-off away from the operator for safety and cleanliness. A Pressure Gauge is also incorporated which shows the pressure inside the tool. This is extremely useful when pressurizing and depressurizing the tool. The



Bleeder Valve Assembly can also be used for back pressuring and product sampling.

Each RBS Retriever Kit component assembly is furnished with service tools and an ample supply of spare parts. Parts subject to wear with normal use are available in Repair or Seal Kits. The complete RBS Retriever Kit with component assemblies, service tools and spare parts is contained in a sturdy field service box to provide compact, easy storage and portability.

Standard RBS Retriever Kits with various stroke lengths are indicated. Longer stroke lengths and temperature ratings variances are available on a special order basis. Please contact Rohrback Cosasco Systems for specifics.

RBS Dimensions & Weights:

Description (See Illustration)	Stroke			
	18"	25"	37"	49"
A) Retriever Collapsed	25.50"	32.50"	44.50"	56.50"
B) Retriever Extended	43.62"	57.62"	81.62"	105.62"
C) Removal Clearance	3600# S/V	52.25"	66.25"	90.25"
	6000# S/V	54.75"	68.75"	92.75"
Retriever Kit Weight in pounds	94	112	133	153
Retriever Assembly Weight in pounds	56	64	81	98
Retriever Kit Cubage	2.3	2.6	3.3	4.0

Stroke	Plug Type	D (Maximum Device Length)	
		3600# S/V (7.06" face to face)	6000# S/V (10.00" face to face)
18"	Solid	9.00"	7.00"
	Hollow	8.00"	6.00"
25"	Solid	16.00"	14.00"
	Hollow	15.00"	13.00"
37"	Solid	28.00"	26.00"
	Hollow	27.00"	25.00"
49"	Solid	40.00"	38.00"
	Hollow	39.00"	37.00"

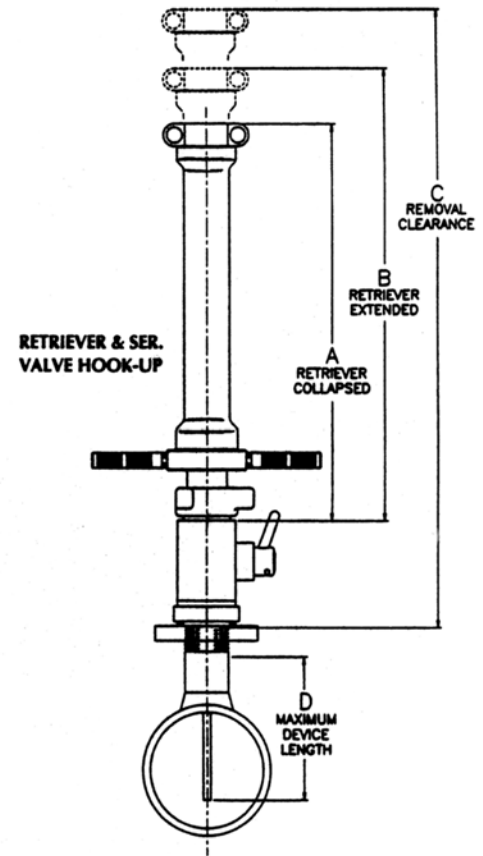
How to Order:

Sizing of Retrievers is governed by the length of stroke required. The stroke is defined as the distance the Solid or Hollow Plug Assembly and its longest tool or attachment must travel from its seated position within the Access Fitting Body through the Service Valve allowing the valve ball to be closed. Determine stroke length required for longest retrievable attachment to be used. Select the next longer stroke length Retriever Kit available.

Ordering Information:

Part Number	Description
RBS-LL	Retriever Kit Consisting of:
600010-RBS-LL	Retriever Assembly
127500	Socket Adapter Assembly, 6.88"
207024	Retriever Head Bar
125060	Retriever Wood Clamp
125137	Brass Hammer
125111	Thread Tap
126409	Wrench Set
610013-LL	Field Service Box

LL = Stroke. Standard Stroke Lengths available are 18", 25", 37", and 49".



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