

COSASCO® HYDRAULIC ACCESS FITTING ASSEMBLIES

Request A Quote

MODEL 57H



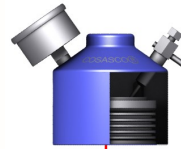
The Cosasco Hydraulic Access Fitting Assembly consists of four major parts: 1) the Body; (2) the Hollow/Solid Plug; (3) the Locking Pins and Moisture Seal Nuts; and (4) Pressure Retaining Cover which provides a secondary isolation and is recommended for most applications.

Specifications

- **Mounting — 2" ASME (ANSI) B16.5 Flange RF**
- **Probe Retrieval Under Pressure With the Cosasco, HRSL Tool (non- telescopic) and Standard Cosasco 6000 PSI Service Valve**
- **Retaining Pin, Moisture and Debris Protection Caps Included**
- **Standard Temperature Rating with Viton/Teflon Seals: — From -50° F (-45° C) to +450° F (+232°C)**
- **Pressure Rating — As Flange Rating**
- **Meets NACE MR0175 and MR0103**
- **Pressure Equipment Directive (PED) Certified**

When the hydraulic method of retrieval is preferred, the Cosasco Hydraulic Access System offers several advantages over other hydraulic access fittings, including a corrosion resistant locking pin system and a HRSL retrieval tool that can be used for both mechanical and hydraulic 2" system access fittings. The hydraulic access fitting locking pins are protected with pressure retaining seal nuts that prevent moisture and

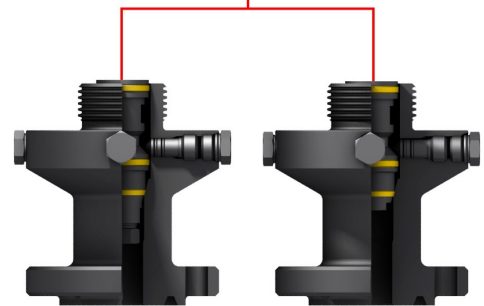
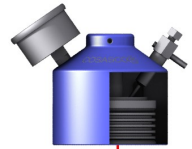
Pressure Retaining Cover
w/Bleed Valve & Pressure
Gauge without hole



Pressure Retaining Cover
w/Bleed Valve & Pressure
Gauge w/hole for Std Probe
Adapter



Pressure Retaining Cover
w/Bleed Valve & Pressure
Gauge w/hole for High
Pressure Probe Adapter



ASME (ANSI) Flange RF
w/Hollow Plug

ASME (ANSI) Flange RF
w/Solid Plug

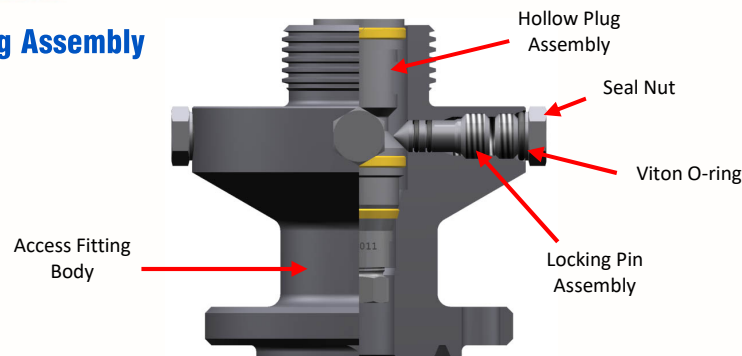


debris from entering the locking pin cavity. They also act as a second level of pressure containment for enhanced protection. When used with a Cosasco HRSL Retriever and Cosasco 6000 PSI Service Valve, the Hydraulic Access Fitting Assembly permits safe, easy insertion and retrieval of corrosion and erosion monitoring devices as well as injection tubes/nozzles while under full operating pressure.

COSASCO®

MODEL 57H

Hydraulic Access Fitting Assembly



Dimensions & Weights

Body Style	Flange Rating	Weight		Height		Equivalent Height*
		lbs	Kg	Inches	mm	
Non-Tee & ¼" Tee	150#	28.5	12.9	6.50	165.1	5.25
	300#	29.5	13.4	6.50	165.1	5.25
	600#	33.3	15.1	7.50	190.5	6.25
	1500#	48.8	22.1	7.50	190.5	6.25
	2500#	58.0	26.3	7.50	190.5	6.25
½" Tee, ¾" Tee & 1" Tee	150#	47.1	21.4	7.50	190.5	6.25
	300#	48.9	22.2	7.50	190.5	6.25
	600#	52.2	23.7	8.50	215.9	7.25
	1500#	67.1	30.4	8.50	215.9	7.25
	2500#	77.6	35.2	9.50	241.3	8.25

HRSL Retriever



The Cosasco HRSL Retriever is a precision tool which allows safe, easy insertion and removal of various equipment and tools through a standard Cosasco Access Fitting or specially designed Cosasco Hydraulic Access Fitting, without de-pressurizing the pipeline or vessel. Used in conjunction with a Cosasco 6000 Service Valve, the HRSL tool can be used with two-inch system hydraulic access fittings, with no adapters required. Rotation and translation in and out of the fitting is controlled by two adjustable handles. No movement or telescoping of the tool body is necessary, requiring less clearance area than standard retrievers. See individual HRSL datasheet for more details and ordering information.

COSASCO Training

Cosasco Systems Safety Awareness Training is highly recommended for all users of Cosasco Retrievers and Services Valves. See Cosasco Systems Safety Awareness Training datasheet for more details or contact your nearest Cosasco office.

MODEL 57H

Ordering Information

Model	High Pressure Hydraulic Access Fitting Assembly						
57H	2" ASME (ANSI) B16.5 RF Flange						
XXX	Code	Plug Assembly- Enter Code For Plug Type From Options Below					
	Type - 1 ST Digit	Alloy Material - 2 ND Digit		Packing Seal - 3 RD Digit			
	0	Not Required	0	Not Required	0	Not Required	
	1	Solid	1	316/316L Stainless Steel	1	Teflon Primary Packing * -50 to 450° F (-45 to 232°C)	
	2	Hollow	3	Hastelloy, C-276	2	Vespel Primary Packing * -50 to 450° F (-45 to 232°C)	
			6	Inconel 625			
			7	2205 Duplex Stainless Steel			
	Code	Tee Size					
	0	Non-Tee					
	1	¼" Tee					
2	½" Tee						
3	¾" Tee						
4	1" Tee						
	Code	Optional Side Tee Configuration (omit for standard NPT)					
	SW	Socketweld Tee					
	FL71	150# RF					
	FL72	300# RF					
	FL73	600# RF					
	FL74	1500# RF					
	FL75	2500# RF					
	FL40	150# RJ					
	FL41	300# RJ					
	FL42	600# RJ					
	FL43	1500# RJ					
	FL44	2500# RJ					
	BW40	Schedule 40 (Standard) Buttweld Tee					
	BW80	Schedule 80 (Extra Strong) Buttweld Tee					
	BW160	Schedule 160 (Not applicable for ¼") Buttweld Tee					
	BWXX	Schedule XX (Double Extra Strong) (Not applicable for ¼") Buttweld Tee					
	Code	Flange Size					
	71	2" 150# RF					
	72	2" 300# RF					
	73	2" 4/600# RF					
	74	2" 9/1500# RF					
	75	2" 2500# RF					
	Code	Body Material					
	K03504	ASTM A105 Carbon Steel					
	K03011	ASTM A350 LF2 Carbon Steel					
S31603	AISI 316L Stainless Steel						
S31803	2205 Duplex Stainless Steel						
Code	Secondary Pressure Retaining Covers						
10	Pressure Retaining Cover With Bleed Plug and Pressure Gauge P/N 740101 10,000 PSI Max.						
11	Pressure Retaining Cover With Bleed Plug, Pressure Gauge and ½" NPT Center Hole for Standard Adapter P/N 740103 2500 PSI Max (when used w/probe adapter).						
12	Pressure Retaining Cover With Bleed Plug, Pressure Gauge and Center Hole for High Pressure Probe Adapter P/N 740105 (Must use hydraulic high pressure probe Adapter) 10,000 PSI Max.						
57H	111	2	FL74	71	K03504	10	Example

* Nominal Temperature Range

Replacement Parts

Solid Plug Assembly P/N 550010-Y-W
Hollow Plug Assembly P/N 550110-Y-W
Seal Nut P/N 551070

Viton O-ring P/N 551067-1
Locking Pin Assembly P/N 551071-W
Wear Rings (2 required) P/N 551033

Y=Plug Material
W=Seal Material

Plug and Seal Materials available as noted above in Ordering Information.

Cosasco

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