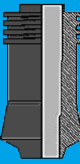


1.7

Two Inch System Model HPH Hydraulic Retriever and Service Valve Kits

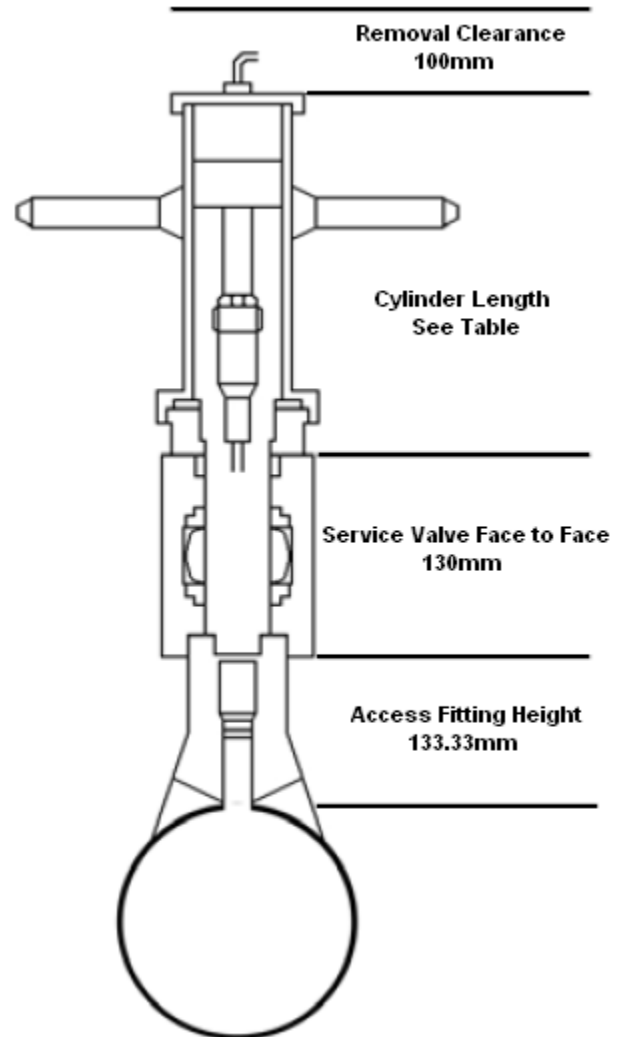


The Model HPH Hydraulic Retriever Tool is a single cylinder retriever of fixed length which is equilibrated at the same pressure as the pipeline or vessel to be serviced. An internal piston may be moved up or down by changing the pressure in the upper barrel of the retriever. Pressure differential of a few PSI is sufficient to move the piston. Downward movement is obtained by pumping oil into the upper part of the retriever using a small portable pump; upward motion is achieved by returning oil to the oil tank. Internal safety devices are provided to prevent excessive pressure differentials from being developed across the piston.

A Socket Adaptor Assembly is attached to the Internal piston. A Pilot on this Adaptor mates the assembly to the standard Triseal® 2" System Solid or Hollow plug.

When the piston is moved to the lower part of the retriever it may be connected to the retriever barrel which is then turned to screw or unscrew the Plug Assembly from the Triseal® access fitting body.

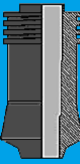
Minimum clearance requirements, minimum weight and full compatibility with all generic access fittings are major features of the HPH Retriever tool.



Triseal ® is the Registered Trade name of RCSL Corrosion Monitoring

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Two Inch System Model HPH Hydraulic Retriever and Service Valve Kits



HPH Retriever Ordering Information

How to Order:

1. Retriever size is determined by the length of piston movement required within the retriever cylinder. This is the distance of a plug assembly and probe must travel from within the access fitting body and through the service valve allowing the valve to be closed.
2. Determine the maximum working pressure required
3. Determine the maximum probe length required to be retrieved
4. From the tables below select the most suitable kit Product Code

250 Bar Maximum Working Pressure

Retriever Kit Product Code	700834	700835	700836	700837	700838	700839	700840	700841	700842
Maximum Probe Length (mm)	130	200	300	400	500	600	700	800	900
Removal Clearance (mm)	840	945	1096	1245	1395	1545	1695	1845	1995
Retrieval Cylinder Length (mm)	510	615	765	915	1065	1215	1365	1515	1665
Retriever Weight (kg)	15.75	17.2	18.7	20.5	22	23.7	25.6	27.7	29.85
Retriever Kit Weight (kg)	46.5	48	49.5	51.5	53.5	55.5	58	60.5	64

450 Bar Maximum Working Pressure

Retriever Kit Product Code	701100	701101	701102	701103	701104	701105	701106	701107	701108
Maximum Probe Length (mm)	130	200	300	400	500	600	700	800	900
Removal Clearance (mm)	840	945	1096	1245	1395	1545	1695	1845	1995
Retrieval Cylinder Length (mm)	510	615	765	915	1065	1215	1365	1515	1665
Retriever Weight (kg)	20.75	22.2	23.7	25.5	27	28.7	31.6	32.7	39.85
Retriever Kit Weight (kg)	54.5	56	57.5	59.5	61.5	63.5	64	68.5	72

Spare Parts

250 Bar	
Description	Product Code
Retriever Seal Kit	700868
Service Valve Seal Kit	700877
Hydraulic Pump	700842
Three Way Valve	700844

450 Bar	
Description	Product Code
Retriever Seal Kit	701109
Service Valve Seal Kit	701110
Hydraulic Pump	701111
Three Way Valve	701112