



# *HRP Hydraulic Retrievable Production Packer*

Weatherford's HRP hydraulic retrievable production packer is a double-grip, large-bore packer that isolates the annulus from the production conduit. A straight pickup of the tubing string hydraulically sets and releases the packer. The unique slip system ensures a positive set and easy release. A pressure-compensating chamber balances the tensile forces created by tubing ballooning and piston effects.

## *Applications*

- Deviated holes
- Gas-lift installations
- Stacked installations
- Completions in which a mechanically set packer is unsuitable
- Completions in which the packer is set after the well is flanged

## *Features, Advantages and Benefits*

- The adjustable setting pressure enables use in stacked-packer applications.
- Hydraulically setting the packer avoids the need to move the mandrel downward to set the packer, enabling use in stacked-packer applications.
- The packer can be set after the wellhead is flanged for greater operational flexibility and safety.
- The high-performance deflection element system reduces the required setting pressure.
- The pressure-compensating chamber balances the tensile forces created by tubing ballooning and piston effects to protect the packer from damage by an excess pressure differential.
- The large-ID, one-piece mandrel enables the installation of large-bore tubing for high production flow rates.
- The straight-pull release with an adjustable shear mechanism provides simple rig operation that compensates for hydraulic conditions.
- The bypass opens to equalize pressure before the upper slips are released for safe packer retrieval.





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## Specifications

Casing				Packer <sup>1</sup>			
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Maximum OD (in./mm)	Minimum ID (in./mm)	Standard Thread Connection (in.)	Product
		Minimum	Maximum				
4-1/2 114.3	9.5 to 13.5 14.1 to 20.1	3.920 99.57	4.090 103.89	3.771 95.78	1.890 48.01	2-3/8 EUE <sup>2</sup> 8 RD <sup>3</sup>	PHRP11400
5-1/2 139.7	13.0 to 15.5 19.3 to 23.1	4.892 124.26	5.044 128.12	4.781 121.44	2.375 60.33	2-7/8 EUE 8 RD	PHRP14400
	15.5 to 20.0 23.1 to 29.8	4.778 121.36	4.950 125.73	4.641 117.88			PHRP14300
	20.0 to 23.0 29.8 to 34.2	4.670 118.62	4.778 121.36	4.500 114.30			PHRP14200
7 177.8	17.0 to 20.0 25.3 to 29.8	6.456 163.98	6.538 166.07	6.281 159.54	2.440 61.98	2-7/8 EUE 8 RD	PHRP17700
					2.920 74.17	3-1/2 EUE 8 RD	PHRP18200
	20.0 to 26.0 29.8 to 38.7	6.276 159.41	6.456 163.98	6.078 154.38	2.440 61.98	2-7/8 EUE 8 RD	PHRP17800
					2.920 74.17	3-1/2 EUE 8 RD	PHRP18300
	26.0 to 29.0 38.7 to 43.2	6.456 163.98	6.184 157.07	5.968 151.59	2.440 61.98	2-7/8 EUE 8 RD	PHRP17900
					2.920 74.17	3-1/2 EUE 8 RD	PHRP18400
32.0 to 35.0 47.6 to 52.1	6.004 152.50	6.094 154.79	5.812 147.62	2.920 74.17	3-1/2 EUE 8 RD	PHRP18500	

<sup>1</sup>Rated up to a 6,000-psi (41,369-kPa) differential pressure at 275°F (135°C)

<sup>2</sup>External upset end

<sup>3</sup>Round