

# Hydrow I-SS Selective-Set Hydraulic Production Packer

Isolates the annulus from the production conduit for completions in which mechanically set packers are unsuitable

## Applications

- Flanged wells
- Deviated wellbores
- Gas-lift installations
- Stacked-packer installations
- Completions in which mechanically set packers are unsuitable

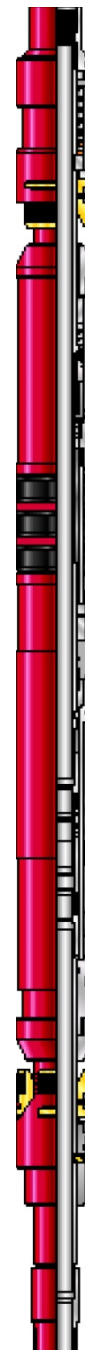
## Features and Benefits

- The straight-pull, shear-release pins are unaffected by differential pressure, which enables easy changes to the release force before running.
- All components are locked to prevent pressure buildup or debris from presetting the packer, which prevents presetting and improves running reliability.
- The built-in, zone-activated, pressure-balance system offsets pressure differentials across the packer, which enables the packing element to maintain an effective seal.
- The double-grip system enables the packer to hold differential pressures securely from above and below, which prevents packing-element movement and ensures proper packoff.

## Tool Description

The Weatherford Hydrow I-SS selective-set hydraulic production packer is a high-pressure, double-grip, retrievable packer that isolates the annulus from the production conduit in flanged wells, deviated wellbores, gas-lift installations, and stacked-packer installations. The packer can be used on multipacker, single-string completions in which the tubing is tested before the packers are set, and on completions in which each packer is set and tested selectively.

All the packer parts are positively locked to prevent pressure buildup or debris from presetting the packer while running in the hole. A straight tubing-string pull releases the packer. The patented upper-slip releasing system has a key nondirectional slip that can be dislocated to release the other slips automatically. The system reduces the strain required for slip and packer release.



The Hydrow I-SS selective-set hydraulic production packer is suited for flanged wells, deviated wellbores, gas-lift installations, and stacked packer installations.



# Hydrow I-SS Selective-Set Hydraulic Production Packer

## Specifications

Casing				Packer			
OD	Weight	ID		Gauge Ring OD	ID	Connection	Part
		Minimum	Maximum				
7 in. 177.8 mm	17 to 29 lb/ft 25.3 to 43.2 kg/m	6.184 in. 157.07 mm	6.538 in. 166.07 mm	6.005 in. 152.53 mm	2.313 in. 58.75 mm	2 7/8-in. EU <sup>a</sup> 8-in. RD <sup>b</sup>	173187 651-72-020
					2.745 in. 69.72 mm	3 1/2-in. EU 8-in. RD	166115 650-74-020
					2.812 in. 71.42 mm		1122133
	26 to 32 lb/ft 28.7 to 47.6 kg/m	6.094 in. 154.79 mm	6.276 in. 159.41 mm	5.890 in. 149.61 mm	2.313 in. 58.75 mm	2 7/8-in. EU 8-in. RD	726909 651-70-020
					2.745 in. 69.72 mm	3 1/2-in. EU 8-in. RD	173170 650-73-020
					2.812 in. 71.42 mm		1122593
9 5/8 in. 244.5 mm	29.3 to 43.5 lb/ft 43.6 to 64.7 kg/m	8.755 in. 222.38 mm	9.063 in. 230.20 mm	8.500 in. 215.90 mm	3.985 in. 101.22 mm	4 1/2 -in. EU 8-in. RD	133135 650-95-020
	40 to 53.5 lb/ft 59.5 to 79.6 kg/m	8.535 in. 216.79 mm	8.835 in. 224.41 mm	8.266 in. 209.96 mm	2.745 in. 69.72 mm	3 1/2-in. EU 8-in. RD	174235 650-95-020

<sup>a</sup> External upset

<sup>b</sup> Round

