



Hydrow I-SS Hydraulic Production Packer

Weatherford's Hydrow I-SS 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.

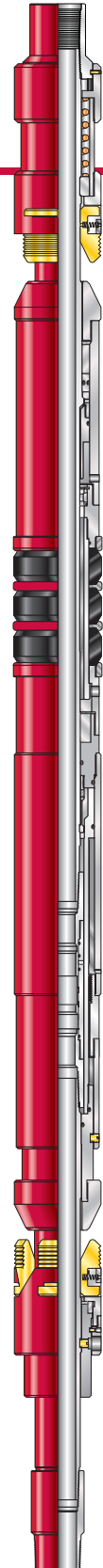
All the packer parts are positively locked to prevent pressure buildup or debris from presetting the packer while running in the hole. A straight tubing-string pull releases the packer. The patented upper-slip releasing system has a key nondirectional slip that can be dislocated to release the other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

Applications

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

Features, Advantages and Benefits

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





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Specifications

Casing				Packer			
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Gauge Ring OD (in./mm)	ID (in./mm)	Connection (in.)	Part
		Minimum	Maximum				
7 177.8	17.0 to 29.0 25.3 to 43.2	6.184 157.07	6.538 166.07	6.005 152.53	2.313 58.75	2-7/8 EU ^a 8 RD ^b	651-72-020
				5.890 149.61	2.908 73.86	3-1/2 EU 8 RD	1122133
				6.005 152.53	2.745 69.72		650-74-020
	26.0 to 32.0 38.7 to 47.6	6.094 154.79	6.276 159.41	5.891 149.63	2.313 58.75	2-7/8 EU 8 RD	651-70-020
				5.890 149.61	2.745 69.72	3-1/2 EU 8 RD	650-73-020
					2.908 73.86		1122593
32.0 to 35.0 47.6 to 52.1	6.004 152.50	6.094 154.79					
9-5/8 244.5	29.3 to 47.0 43.6 to 69.9	8.681 220.50	9.063 230.20	8.500 215.90	3.985 101.22	4-1/2 EU 8 RD	652-96-020
	40.0 to 53.5 59.5 to 79.6	8.535 216.79	8.835 224.41	8.266 209.96	2.745 69.72	3-1/2 EU 8 RD	650-95-020

^aExternal upset

^bRound