



Weatherford®

Hellcat™ 2 Intelligent-Completion Packer

Weatherford's versatile *Hellcat 2* packer is a retrievable, hydraulically set production packer that provides single-trip speed and efficiency for

- intelligent completions.
- subsea completions.
- deviated and horizontal well completions.
- zonal isolation.

With a large-ID primary mandrel and up to eight control line feedthroughs, it is an ideal single-string primary production packer. The *Hellcat 2* packer has been rigorously tested to ISO 14310 standards in Q-125 casing.

Features, Advantages and Benefits

- Low setting pressure reduces tubing stretch during setting. In many cases, setting can be accomplished with rig pumps to reduce expense of using high-pressure pumps.
- No mandrel movement during setting allows stacked applications.
- Shift-to-release capability, using a wireline shifting tool, provides operational simplicity and reduces the risk of premature failure under varying load conditions.
- Cut-to-release capability, available by special order, reduces the risk of premature failure of shear-out type packers under extreme loading.
- Packer may be set after flanging up wellhead for greater operational flexibility and safety.
- Single-trip system saves rig time.

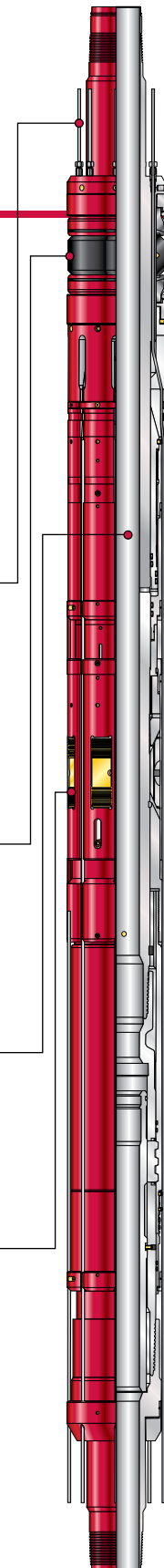
Packer Systems

Eight 1/4-in. control-line feedthroughs for pressure/temperature monitoring, chemical injection, gas venting and hydraulic lines permit complex well designs without additional engineering design.

HNBR sealing element, with metal-to-metal extrusion barrier, provides superior resistance to oil and chemical exposure for long-term seal integrity.

Large primary full-bore concentric mandrel provides clear and easy access for wireless tools and standard accessories.

Slips located below the packing element reduce the accumulation of debris that can create difficulties during retrieval.





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Specifications

Casing				Packer					
OD (in./mm)	Weight (lb/ft, kg/m)	Minimum ID (in./mm)	Maximum ID (in./mm)	Gauge Ring OD (in./mm)	Minimum ID (in./mm)	Pressure Rating ¹ (psi/MPa)	Standard Connections ² Pin × Pin	Control Lines (number of lines and size)	Part Number
7 177.80	23.0 to 26.0 34.2 to 38.7	6.276 159.41	6.366 161.70	6.020 152.91	2.880 73.15	5,000 34.5	3-1/2-in., 9.2-lb/ft NEW VAM®	(8) 1/4-in.	738107
				6.025 153.04	2.880 73.15	5,000 34.5	3-1/2-in., 9.2-lb/ft VAM® ACE®	(8) 1/4-in.	801266
	29.0 to 32.0 43.2 to 47.6	6.094 154.79	6.184 157.07	5.860 148.84	2.880 73.15	7,500 51.7	3-1/2-in., 9.2-lb/ft NEW VAM	(8) 1/4-in.	738581
7-5/8 193.70	29.7 to 33.7 44.2 to 50.2	6.765 171.83	6.875 174.63	6.560 166.62	2.880 73.15	5,000 34.5	3-1/2-in., 9.2-lb/ft NEW VAM	(8) 1/4-in.	736114
	33.7 to 39 50.2 to 58.0	6.625 168.28	6.765 171.83	6.400 162.56	2.386 60.60	5,000 34.5	3-1/2-in., 9.2-lb/ft NEW VAM	(4) 1/4-in.	178496
9-5/8 244.48	47.0 to 53.5 69.9 to 79.6	8.535 216.80	8.681 220.50	8.289 210.54	2.890 73.41	7,500 51.7	3-1/2-in., 9.2-lb/ft NEW VAM	(8) 1/4-in.	794376
				8.315 211.20	3.933 99.90	5,000 34.5	4-1/2-in., 12.6-lb/ft NEW VAM	(8) 1/4-in.	790315
				8.315 211.20	3.945 100.20	7,500 51.7	4-1/2-in., 12.6-lb/ft KSBEAR™ Box × Pin	(8) 1/4-in.	1157182
				8.315 211.20	3.933 99.90	7,500 51.7	4-1/2-in., VAM® TOP® Box × Pin	(8) 1/4-in.	884394

¹Pressure ratings are for the packer only and do not take into account ratings for the end connections or tubing.

²Premium connections available through special order.

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