



HellCat™ 2

Intelligent-Completion Packer

The Weatherford *HellCat 2* intelligent completion 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, and zonal isolation. With a large inside-diameter (ID) primary mandrel and up to eight control-line feedthroughs, the *HellCat 2* packer is an ideal single-string primary production packer that has been rigorously tested to International Organization of Standardization (ISO) 14310 standards in Q-125 casing.

Applications

- Intelligent completions
- Subsea completions
- Deviated and horizontal well completions
- Zonal isolation

Features, Advantages and Benefits

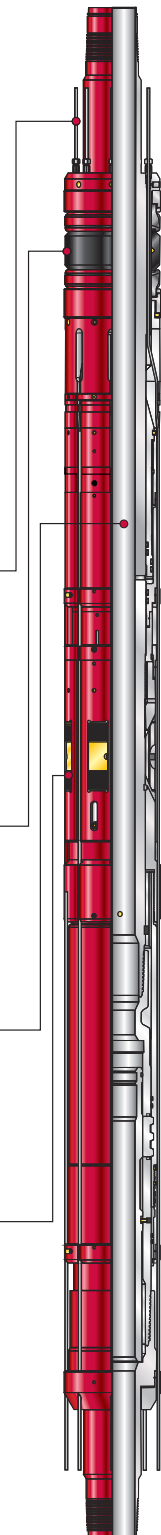
- The packer's mandrel does not move during setting, enabling stacked applications.
- The packer features a shift-to-release capability using a wireline shifting tool, simplifying operations and reducing the risk of premature failure under varying load conditions.
- Slips located below the element system reduce debris around slips, enabling easier retrieval and reducing operational time.
- A cut-to-release capability, available by special order, reduces the risk of premature failure of shear-out type packers under extreme loading, reducing costs and enhancing safety.
- The packer can be set after flanging up the wellhead, providing greater operational flexibility and safety.
- The single-trip system saves rig time, reducing costs.

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 wireline 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)	Standard Connections ^a Pin × Pin	Control Lines	Product Number
7.000 177.80	23.0 to 26.0 34.2 to 38.7	6.187 157.15	6.466 164.24	6.020 152.91	2.880 73.15	3-1/2-in., 9.2-lb/ft HSL APEX	(8) 1/4-in.	1810617
						3-1/2-in., 9.2-lb/ft VAM ACE®		801266
	29.0 to 32.0 43.2 to 47.6	5.990 152.15	6.293 159.84	5.860 148.84		3-1/2-in., 9.2-lb/ft VAM TOP®		1264745
7.625 193.67	29.7 to 33.7 44.2 to 50.2	6.662 169.21	6.987 177.47	6.560 166.62	2.880 73.15	3-1/2-in., 9.2-lb/ft VAM TOP	(8) 1/4-in.	2055335
9.625 244.48	47.0 to 53.5 69.9 to 79.6	8.535 216.79	8.681 220.50	8.289 210.54	2.885 73.28	3-1/2-in., 9.2-lb/ft VAM TOP	(8) 1/4-in.	2140787
					3.903 99.14	4 1/2-in., 12.6-lb/ft VAM TOP Box × Pin		884394
					4.587 116.51	5 1/2-in., 20-lb/ft JFEBEAR® Box × Pin		2134753
10.750 273.10	60.7 to 65.7 90.3 to 97.8	9.560 242.82	9.660 245.36	9.345 237.36	4.750 120.65	5 1/2-in., 17-lb/ft VAM TOP HC	(8) 1/4-in.	1722569

^aPremium connections available through special order.

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