

MRP

Conventional modular packer

APPLICATIONS

- Single-string completions
- Zonal isolation
- Vertical, deviated, or horizontal wellbores

BENEFITS

- Simplified operations reduce rig costs

FEATURES

- Ability to pressure test the system at the surface
- No tubing movement during installation
- Minimal debris buildup above slips
- Easy to circulate out debris before retrieval
- Positive casing grip to secure packer
- Slips located below the sealing element
- Equalization system above the element
- Adjustable, straight-pull shear release
- Field-proven sealing element
- Bidirectional slips
- Minimized end effect on shear-release screws

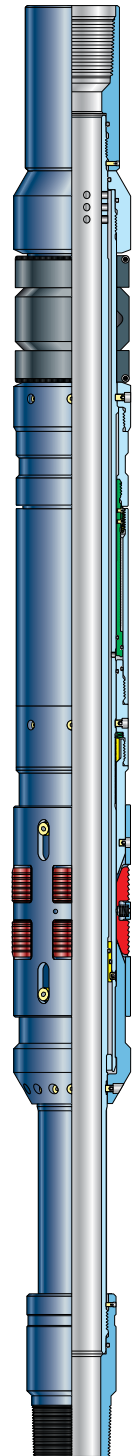
The MRP conventional modular packer is used in vertical and deviated wellbores or in applications in which single or multiple packers are set after the wellhead has been installed. A modular shell and body design for low-to-medium pressure differentials allows configuration as a single-string production packer. Its compact, modular design makes the MRP packer an economical choice for production applications.

Main features

- Hydraulic-set
- Retrievable
- For use in conventional completions
- Designed and tested in accordance with ISO 14310 V3

Installation and release

The MRP packer is installed with the completion tubing and is set by applying pressure to the tubing. Retrieval of the MRP packer is accomplished with a straight upward pull on the tubing. Once the tension on the tubing string exceeds the shear value of the release pins, the slips disengage the casing and the element relaxes. Set at the factory to a standard value, the packer shear-release mechanism can be adjusted in the field just before installation.



MRP conventional modular packer.

MRP Conventional Modular Packer Specifications

Casing Size, [†] in [mm]	Casing Weight Range, lbm/ft [kg/m]	Max. OD, in [mm]	Nominal ID, [‡] in [mm]	Max. Working Temperature, degF [degC]	Differential Pressure Rating, psi [kPa]
7.000 [177.8]	23–26 [34.23–38.69]	6.090 [154.7]	2.426, 2.922 [61.62, 74.22]	325 [163]	7,000 [48,263]
7.000 [177.8]	26–29 [38.69–43.16]	6.000 [152.4]	2.426, 2.922 [61.62, 74.22]	325 [163]	7,000 [48,263]
7.000 [177.8]	29–32 [43.16–47.62]	5.910 [150.1]	2.426, 2.922 [61.62, 74.22]	325 [163]	7,000 [48,263]
7.000 [177.8]	32–35 [47.62–52.09]	5.850 [148.6]	2.426, 2.922 [61.62, 74.22]	325 [163]	7,000 [48,263]
7.625 [193.7]	26.4–29.7 [39.29–44.20]	6.690 [169.9]	2.922 [74.2]	325 [163]	7,000 [48,263]
7.625 [193.7]	33.7–39 [50.15–58.04]	6.440 [163.6]	2.922 [74.2]	325 [163]	7,000 [48,263]
9.625 [244.5]	40–47 [59.53–69.94]	8.463 [215.0]	2.922, 3.910, 4.733 [74.2, 99.3, 120.2]	325 [163]	7,000 [48,263]
9.625 [244.5]	47–53.5 [69.94–79.62]	8.354 [212.2]	2.922, 3.910, 4.733 [74.2, 99.3, 120.2]	325 [163]	7,000 [48,263]

[†] Other sizes are available on request. Contact your local Schlumberger representative.

[‡] ID may vary depending on connecting configuration selected.