MRP-MP

Modular multiport packers

APPLICATIONS
- Intelligent completions
- Single-trip completions
- Completions with multiple production zones
- Vertical or deviated wellbores

BENEFITS
- Reduced development costs with production from multiple zones
- Reduced completion costs because of economical feed-through packer platform
- Reduced retrieval risk due to prevention of debris buildup above slips
- Reduced risk of misruns by eliminating pipe movement during installation

FEATURES
- Flexible configurations that facilitate varied completion designs
- Communication with devices installed below the packer enabled by five hydraulic control lines or electrical conduits
- Modular platform based on economical and field-proven Schlumberger MRP modular retrievable packer
- Configuration options to suit multiple applications: straight pull-to-release, cut-to-release, and isolation
- Slips located below sealing element
- Hydraulic setting mechanism centrally located between element and slips
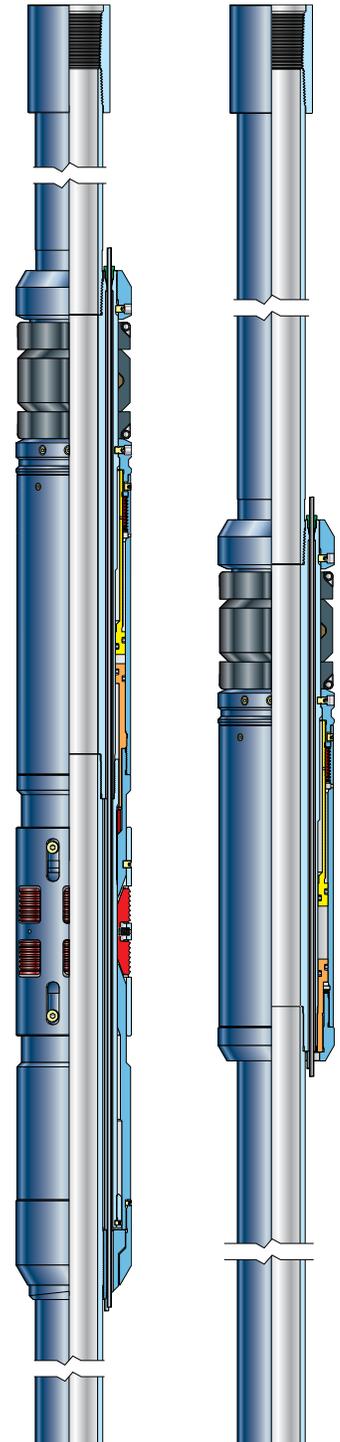- Configurations that can maintain premium connections throughout the tubing string

The MRP-MP packer series consists of tubing-conveyed, hydraulically set production and isolation packers designed for single or multizone completions. Each packer features a multiple-bypass configuration for hydraulic control line or electric conduit applications.

Main features
- Hydraulically set
- Retrievable
- For use in intelligent completions

Setting operation
The packer is set by applying tubing-to-annulus differential pressure. A closed flow control valve or valves, a ball seat, and a plug or other tubing-blanking device are required to set the packer. The retrieval method depends on the configuration chosen.

MRP-MP
production packer.

MRP-MP
isolation packer.

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MRP-MP Modular Multiport Packer Specifications (Straight Pull-to-Release)

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]	2.922 [74.22]	250 [121]	5,000 [34,474]
7.000 [177.8]	26–29 [38.69–43.16]	6.000 [152.4]	2.922 [74.22]	250 [121]	5,000 [34,474]
7.000 [177.8]	29–32 [43.16–47.62]	5.910 [150.1]	2.922 [74.22]	250 [121]	5,000 [34,474]
9.625 [244.5]	40–47 [59.53–69.94]	8.461 [214.9]	2.992 [76]	250 [121]	5,000 [34,474]
9.625 [244.5]	47–53.5 [69.94–79.62]	8.354 [212.2]	2.992 [76]	250 [121]	5,000 [34,474]

[†] Affected by shear-to-release setting.

MRP-MP Modular Multiport Packer Specifications (Cut-to-Release)

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]	2.922 [74.22]	250 [121]	5,000 [34,474]
7.000 [177.8]	26–29 [38.69–43.16]	6.000 [152.4]	2.922 [74.22]	250 [121]	5,000 [34,474]

MRP-MP Modular Multiport Packer Specifications (Isolation Packer)

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]	2.922 [74.22]	250 [121]	3,000 [20,684]
7.000 [177.8]	26–29 [38.69–43.16]	6.000 [152.4]	2.922 [74.22]	250 [121]	3,000 [20,684]
7.000 [177.8]	29–32 [43.16–47.62]	5.910 [150.1]	2.922 [74.22]	250 [121]	3,000 [20,684]

MRP-MP Modular Multiport Packer Specifications (Straight Pull-to-Release Performance)

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]	2.922 [74.22]	250 [121]	5,000 [34,474]
7.000 [177.8]	26–29 [38.69–43.16]	6.000 [152.4]	2.922 [74.22]	250 [121]	5,000 [34,474]
7.000 [177.8]	29–32 [43.16–47.62]	5.910 [150.1]	2.922 [74.22]	250 [121]	5,000 [34,474]

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