

## QLHB

### Conventional hydraulic-set sealbore and stepbore packer

#### APPLICATIONS

- Vertical, deviated, or horizontal wellbores
- Installations requiring a full tubing ID through the packer and latch assembly
- Permanent sealbore production or isolation packer

#### BENEFITS

- High running speed reduces rig time required to install and set the packer
- Packer is easily milled
- Design allows fast and reliable installation

#### FEATURES

- Dual-opposing, one-piece slips
- 360° solid-metal backup system to prevent element extrusion
- Upper and lower sealbores
- Unique swab-resistant element
- Pin-down configuration for easy attachment of accessories

The QLHB conventional hydraulic-set sealbore and stepbore packer, with a large upper sealbore, is commonly used as a production packer. In special applications, it can be used as a gravel-pack packer or a sump packer. The QLHB features the same upper latching profile as the QUANTUM\* gravel-pack packer.

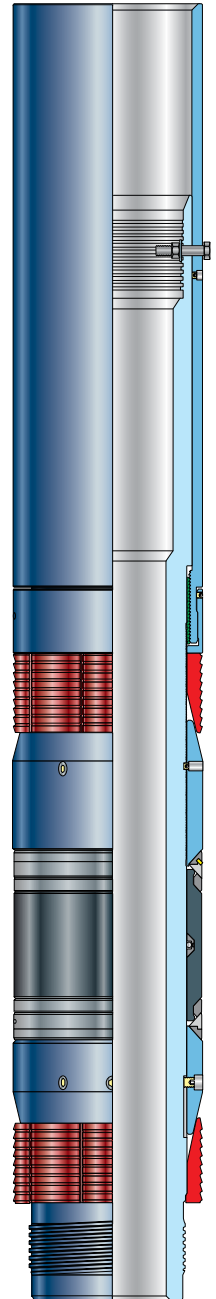
#### Main features

- Hydraulic-set
- Permanent
- For use in gravel-pack completions and H<sub>2</sub>S service

#### Hostile environments

The QLHB is suitable for standard or H<sub>2</sub>S service and is also available in several alternate material configurations to withstand virtually any hostile environment. A full line of accessory equipment is available for the QLHB packer.

QLHB packers may be milled over and retrieved using standard packer milling tools.



*QLHB conventional hydraulic-set sealbore and stepbore packer.*

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## QLHB Conventional Hydraulic-Set Sealbore and Stepbore Packer Specifications

Casing Size, <sup>†</sup> in [mm]	Casing Weight Range, lbm/ft [kg/m]	Max. OD, in [mm]	Nominal ID, <sup>‡</sup> in [mm]	Max. Working Temperature, degF [degC]	Differential Pressure Rating, psi [kPa]	Upper Sealbore Nominal ID, in [mm]
7.000 [177.8]	32–28 [47.62–41.67]	5.687 [144.4]	4.003 [101.7]	325 [163]	10,000 [68,948]	4.753 [120.7]

<sup>†</sup> Other sizes are available on request. Contact your local Schlumberger representative.

<sup>‡</sup> ID may vary depending on connecting configuration selected.