

## RW Types RWTC

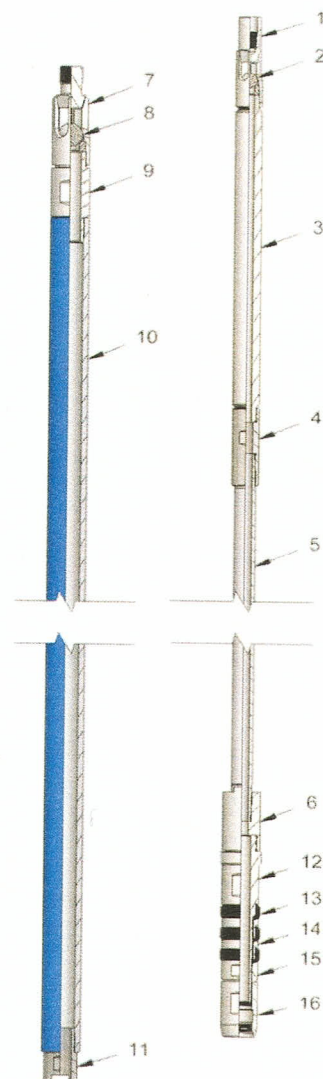
Q2 ALS's thin-wall, traveling-barrel, bottom-anchor API-type RWT Q2 ALS Pumps are ideal for shallow, particulate-laden wells.

The movement of the traveling barrel keeps particulates in the fluid in suspension, which minimizes the potential for sticking that can result from sand settling around the pump. It also avoids costly jobs, such as pulling tubing filled with oil or water.

The RWTC pump features cup seating. The RWTM pump features a metal seal.

These pumps are recommended for the following applications:

- Sandy wells
- Wells that are pumped intermittently
- Medium-depth wells and wells that may pound fluid
- Wells in which it is periodically necessary to run through the PSN with a pressure or temperature bomb or measuring device.
- Other features, advantages and benefits of these pumps include:
- When pumping is stopped, the ball in the top cage seats and blocks particulates from settling inside the pump. This feature helps to keep the plunger from sticking when the pump is restarted.
- Traveling and standing valves have rugged, open-type cages that provide more fluid passage than a blind cage.
- The bottom-anchor pump has greater resistance to bursting than top-anchor designs, making it more effective for deeper wells or wells that may pound fluid.
- For additional features, advantages and benefits of the RWTC and RWTM pumps, refer to the ones previously listed for all RW pumps.



**API Type RHT Pumps**

Q2 ALS’s all-metal, heavy-wall, traveling-barrel, bottom-anchor RHT *Q2 ALS Pumps* are ideal for severe pumping conditions and particulate-laden wells. The RHTC model features a cup seating assembly. The RHTM model features a metal seal that can be re-seated several times without replacement.

The RHTC and RHTM pumps are recommended for the following applications:

- Wells that are pumped intermittently
- Sandy wells
- Large-volume wells

Some features, advantages and benefits of these pumps are:

- The traveling-barrel design optimizes pumping efficiency by keeping sand and other particulates in suspension. This capability minimizes the possibility of the pump getting stuck by sand settling around it.
- For wells pumped intermittently, the traveling barrel is particularly effective because the ball in the top cage will seat when the well is shut down. This capability prevents sand from settling inside the pump and thus keeps the plunger from sticking when the pump is restarted.
- Both the traveling and standing valves have rugged, open-type cages that provide more fluid passage than a blind cage.
- The bottom-anchor design has greater resistance to bursting than top-anchor designs, making it more durable and effective for deeper wells or wells that might pound fluid.

For additional features, advantages and benefits of the RHTC and RHTM pumps refer to the ones previously listed for all RH pumps.

