

RAC-30

3-1/2" Five Arm End Roller Centralizer

Description

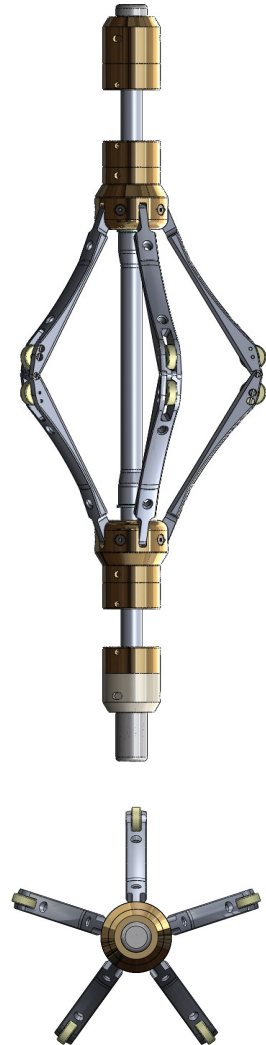
This 5 arm roller centralizer is designed to center logging tools accurately in vertical, deviated, or horizontal wells. This design is specifically adapted for work in horizontal wells. Two TM3 wheels on each arm pair allow the tool to roll easily in deviations up to 90 degrees. The centralizer has five sets of paired arms linked together to provide accurate centering.

Applications

- For accurate centering of logging and production tools.
- Used in vertical, deviated, or horizontal wells.
- Prevent tools from wearing.
- Normal or Harsh environment.

Features

- Rated for High-temperature and high-pressure environments.
- Electrical feed-through enables the tool to be used at any point in the string.
- Five sets of arms with rollers provide a constant radial force and ultra low friction through the full operating diameter.
- Five spring loaded arms extend to fit required inner pipe diameters.
- Ability to convert rollers to larger sizes to increase rollers lifespan.
- Shims can be added to springs to increase centering force.
- Corrosion resistant alloys are used throughout the tool design.
- Easy to service and maintain.



Specifications

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|--------------------------------|------------------------|--|--|
| Minimum Casing ID Small Wheels | 8.89 cm (3.5 in) | Force in 9.625" Casing without Shim Force in 9.625" Casing with 2 Shims | 100 LBS 170 LBS |
| Minimum Casing ID Large Wheels | 12.7 cm (5.0 in) | Maximum Deviation | 90 Degrees |
| Maximum Casing ID | 34.92 cm (13.75 in) | Tool Length (make-up) | 88.27 cm (34.75 in) |
| Max. Temperature | 204°C (400°F) | Tool Length (shipping) | 96.2 cm (37.88 in) |
| Max. Pressure | 137.9 Mpa (20,000 PSI) | Tool Weight | 19.1 Kg (42 Lb) |
| Arms & shaft material | Stainless steel | Top End Connector | Contact Socket GO Female, or SX end female |
| Sub material | TM3 & Aluminum Bronze | Bottom End Connector | Contact Pin GO Male, or SX end male |



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