



# MRS DRILLING MOTOR

963 7 | 8 5.0 CONFIGURATION

| SPECIFICATIONS                 | IMPERIAL              | METRIC                  |
|--------------------------------|-----------------------|-------------------------|
| Maximum Differential Pressure  | 1,134 psi             | (7,819 kPa)             |
| Torque Slope                   | 22.480 ft-lb/psi      | (4.421 N-m/kPa)         |
| Torque at Maximum Differential | 25,493 ft-lb          | (34,564 N-m)            |
| Stall Torque                   | 38,240 ft-lb          | (51,846 N-m)            |
| Maximum Horsepower             | 752 hp                | (561 kW)                |
| Flow Range                     | 600 - 1,200 gpm       | (2,271 - 4,543 lpm)     |
| RPM Ratio                      | 0.143 revolutions / g | (0.038 revolutions / l) |
| No Load RPM Range              | 86 - 171 rpm          |                         |
| Recommended Hole Size          | 12.25 - 17.50 in      | (311 - 445 mm)          |
| Maximum Weight on Bit          | 200,000 lb            | (88,964 daN)            |
| Bit to Stabilizer Length       | 25.19 in              | (0.64 m)                |
| Bit to Bend Length             | 81.39 in              | (2.07 m)                |
| Overall Length                 | 371.33 in             | (9.43 m)                |
| Overall Weight                 | 5,606 lb              | (2,543 kg)              |



## LAYOUT

