

## 6-3/4" Mud Motor

### 9/10 Lobe 2.1 Stage

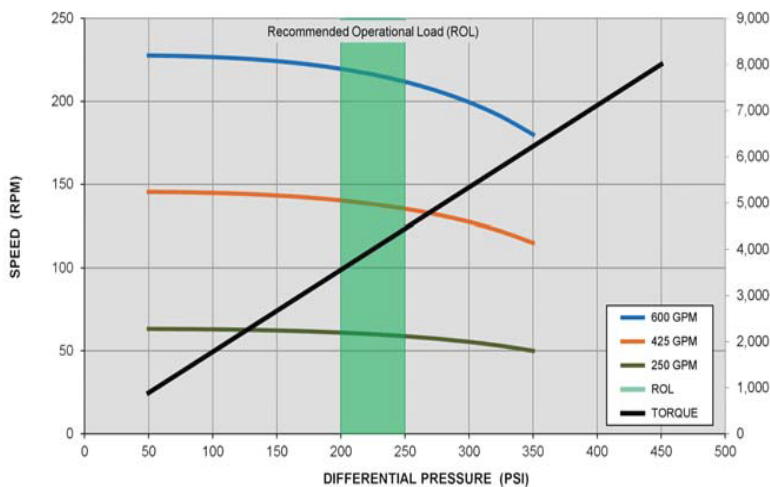
| Motor Specifications              | English               | Metric       |
|-----------------------------------|-----------------------|--------------|
| Model Number                      | 675-910-2.1           |              |
| Motor Size                        | 6.75 in               | 171.45 mm    |
| Rotor / Stator Lobes              | 9 / 10                |              |
| Stages                            | 2.1                   |              |
| Length                            | 16 ft                 | 4.8 m        |
| Weight                            | 1420 lb               | 644.1 kg     |
| Operating Flow Rate               | 250-500 GPM           | 946-1893 LPM |
| Maximum Developed Power           | 178.6 hp              | 131.36 kW    |
| Maximum Developed Torque          | 5520 ft-lb            | 7500 N-m     |
| Speed @ No Load                   | 85-170 RPM            |              |
| Revs Per Volume @ No Load         | 0.34 Rev/G            | 0.089 Rev/L  |
| Differential Pressure @ No Load   | 90 psi                | 620.5 kpa    |
| Speed @ Full Load                 | 65-150 RPM            |              |
| Revs Per Volume @ Full Load       | 0.30 Rev/Gal          | 0.079 Rev/L  |
| Differential Pressure @ Full Load | 780 psi               | 5400 kpa     |
| Bit to Bend                       | 60.5 in               | 1536.7 mm    |
| Maximum Pressure Drop             | 1,500 psi             | 10342 kpa    |
| Maximum Weight on Bit             | 75,000 lb             | 34,019 kg    |
| Maximum Pull to Re-Run Motor      | 225,000 lb            | 102,058 kg   |
| Pull to Yield Motor               | 650,000 lb            | 294,835 kg   |
| Bit Box Connection                | 4-1/2 Reg             |              |
| Upper Box Connection              | 4-1/2 Reg or 4-1/2 IF |              |

| Build Rate (Degrees Per 100 Feet) |           |        |        |         |
|-----------------------------------|-----------|--------|--------|---------|
| ABH Angle                         | Hole Size |        |        |         |
|                                   | 8 1/2"    | 8 3/4" | 9 7/8" | 10 5/8" |
| 0.31                              |           |        |        |         |
| 0.62                              | 2.68      | 1.74   |        |         |
| 0.93                              | 6.19      | 5.24   | 1.07   |         |
| 1.22                              | 9.47      | 8.52   | 4.33   | 1.81    |
| 1.50                              | 12.64     | 11.68  | 7.48   | 4.96    |
| 1.76                              | 15.58     | 14.62  | 10.40  | 7.88    |
| 2.00                              | 18.29     | 17.33  | 13.10  | 10.58   |
| 2.23                              | 20.89     | 19.93  | 15.68  | 13.16   |
| 2.42                              | 23.04     | 22.08  | 17.82  | 15.30   |
| 2.60                              | 25.08     | 24.11  | 19.84  | 17.32   |
| 2.74                              | 26.66     | 25.69  | 21.42  | 18.91   |
| 2.85                              | 27.97     | 26.94  | 22.66  | 20.14   |
| 2.93                              | 28.81     | 27.84  | 23.56  | 21.04   |
| 2.98                              | 29.38     | 28.41  | 24.12  | 21.60   |
| 3.00                              | 29.61     | 28.63  | 24.34  | 21.82   |

| Flow Rate | * Rev/Gal |
|-----------|-----------|
| 250 GPM   | 0.26      |
| 375 GPM   | 0.29      |
| 500 GPM   | 0.30      |

\* At Full Operating Load

PERFORMANCE CURVE



POWER CURVE

