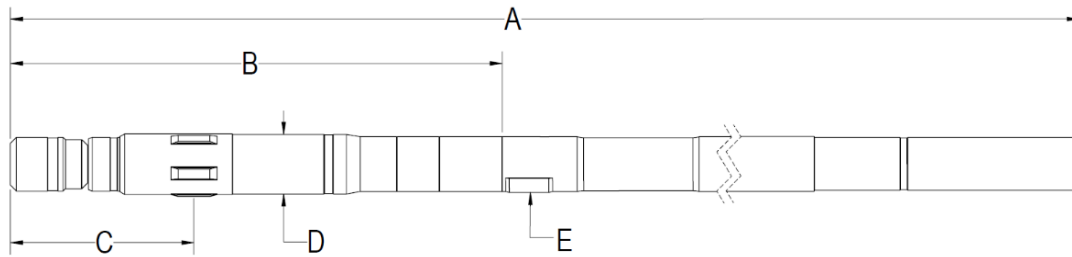


# 6-5/8" 0.30 Rev 750 GPM



## Motor Dimensions

|                            |   |      |     |
|----------------------------|---|------|-----|
| Overall Length             | A | 34.6 | ft  |
| Bit-to-Bend (FBH)          | B | 50.0 | in  |
| Bit-to-Stabilizer (Center) | C | 21.7 | in  |
| Maximum Motor OD           | D | 6.63 | in  |
| Pad Radius (FBH)           | E | 3.50 | in  |
| Weight                     |   | 3200 | lbs |

## Operating Specifications

|                      |         |           |
|----------------------|---------|-----------|
| Flow Range           | 350-750 | GPM       |
| Rotation             | 0.30    | Rev/Gal   |
| Speed Range          | 110-230 | RPM       |
| Torque Slope         | 8.38    | ft-lb/psi |
| Off Bottom Pressure  | 160     | psi       |
| Max Diff. Pressure   | 1,980   | psi       |
| Max Torque           | 16,550  | ft-lbs    |
| Stall Diff. Pressure | 3,110   | psi       |
| Stall Torque         | 26,060  | ft-lbs    |

## Operating Specifications

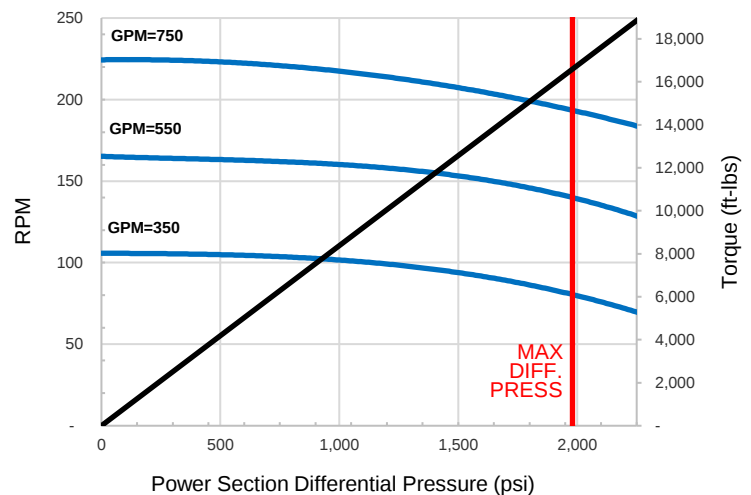
- Mud Lube Bearing Assembly
- Hybrid Flex Transmission

|                              |         |        |
|------------------------------|---------|--------|
| Operating Torsional Capacity | 34,500  | ft-lbs |
| Operating WOB                | 69,255  | lbs    |
| Max Overpull (Body)          | 800,740 | lbs    |

## Predicted Build Rates, deg/100 ft Fixed Bent Housing

| Bend Setting | Slick     |      |      | Partially Stabilized |      |      | Fully Stabilized |      |      |
|--------------|-----------|------|------|----------------------|------|------|------------------|------|------|
|              | Hole Size |      |      | Hole Size            |      |      | Hole Size        |      |      |
| Deg.         | 8.50      | 8.75 | 9.88 | 8.50                 | 8.75 | 9.88 | 8.50             | 8.75 | 9.88 |
| 1.50         | 8.3       | 8.1  | 6.9  | 10.0                 | 10.3 | 10.4 | 9.0              | 9.3  | 9.4  |
| 1.75         | 9.6       | 9.4  | 8.0  | 11.5                 | 11.8 | 12.0 | 10.4             | 10.7 | 10.8 |
| 1.83         | 10.0      | 9.8  | 8.3  | 12.0                 | 12.3 | 12.5 | 10.8             | 11.1 | 11.2 |
| 2.00         | 10.9      | 10.6 | 9.0  | 13.1                 | 13.4 | 13.5 | 11.8             | 12.1 | 12.2 |
| 2.12         | 11.5      | 11.2 | 9.5  | 13.8                 | 14.1 | 14.3 | 12.4             | 12.7 | 12.8 |
| 2.25         | 12.2      | 11.8 | 10.0 | 14.6                 | 14.9 | 15.1 | 13.1             | 13.4 | 13.6 |
| 2.38         | 12.8      | 12.5 | 10.6 | 15.4                 | 15.7 | 15.9 | 13.9             | 14.2 | 14.3 |
| 2.50         | 13.5      | 13.1 | 11.1 | 16.2                 | 16.5 | 16.6 | 14.5             | 14.8 | 15.0 |

## Power Curve



## Differential Pressure Reduction Chart

