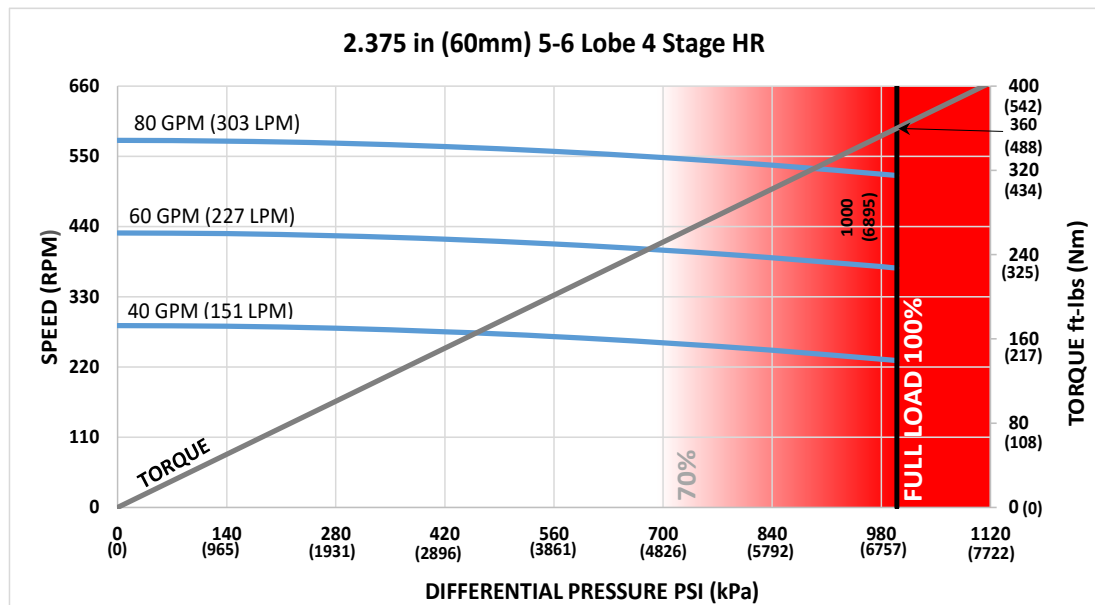


|  |                     |            |
|--|---------------------|------------|
| <b>Bit Size Range</b>                      | 3 - 3-1/2 in        | 76 - 89 mm |
| <b>Bit Box Connection</b>                  | 1-1/2 REGULAR       |            |
| <b>Dynamic Bearing Load On/Off Bottom</b>  | 8800 lbf            | 3900 daN   |
| <b>Static Bearing Load On/Off Bottom</b>   | 21300 lbf           | 9500 daN   |
| <b>Max. Overpull (For Re-run)</b>          | 20000 lbf           | 8900 daN   |
| <b>Absolute Overpull</b>                   | 118000 lbf          | 52500 daN  |
| <b>Adjustable Makeup Torque</b>            | 1600 ft-lbs         | 2200 Nm    |
| <b>Stab/Thread Protector Makeup Torque</b> | N/A                 | N/A        |
| <b>A = Bit to Stabilizer (Centre)</b>      | N/A                 | N/A        |
| <b>B = Bit to Bend</b>                     | Adjustable<br>35 in | 889 mm     |
|  | Fixed<br>N/A        | N/A        |
| <b>C = Overall (With Dump Sub)</b>         | 130.4 in            | 3312 mm    |
| <b>Weight</b>                              | 172 lbs             | 78 kg      |

|                                    |                       |           |
|------------------------------------|-----------------------|-----------|
| <b>Lobe Configuration</b>          | 5-6 Lobe 4.0 Stage HR |           |
| <b>Displacement</b>                | 7.175 rev/gal         | 1.9 rev/l |
| <b>Max. Differential @ NO LOAD</b> | 1000 psi              | 6895 kPa  |
| <b>Max. Torque @ NO LOAD</b>       | 360 ft-lbs            | 488 Nm    |
| <b>Max. Power</b>                  | 36 HP                 | 27 kW     |

| Flow Rate |     | Speed     |
|-----------|-----|-----------|
| GPM       | LPM | RPM       |
| 40        | 151 | 230 - 285 |
| 60        | 227 | 375 - 430 |
| 80        | 303 | 520 - 575 |



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

### ADJUSTABLE BUILD RATE

| Hole Size         | SLICK                              |              |              |              |
|-------------------|------------------------------------|--------------|--------------|--------------|
|                   | 3 (76mm)                           | 3-1/8 (79mm) | 3-1/4 (83mm) | 3-1/2 (89mm) |
| <b>BEND ANGLE</b> | <b>Degrees per 100 Feet (30 m)</b> |              |              |              |
| 0.39              | 4.21                               | 2.58         | 0.95         | -            |
| 0.78              | 11.50                              | 9.87         | 8.24         | 4.97         |
| 1.15              | 18.42                              | 16.79        | 15.15        | 11.89        |
| 1.50              | 24.96                              | 23.33        | 21.70        | 18.43        |
| 1.83              | 31.13                              | 29.50        | 27.87        | 24.60        |
| 2.12              | 36.55                              | 34.92        | 33.29        | 30.02        |
| 2.38              | 41.41                              | 39.78        | 38.15        | 34.89        |
| 2.60              | 45.52                              | 43.89        | 42.26        | 39.00        |
| 2.77              | 48.70                              | 47.07        | 45.44        | 42.18        |
| 2.90              | 51.13                              | 49.50        | 47.87        | 44.61        |
| 2.97              | 52.44                              | 50.81        | 49.18        | 45.92        |
| 3.00              | 53.00                              | 51.37        | 49.74        | 46.48        |

This information is for reference only. Build rates are theoretical calculations using three-point geometry and new motor builds. Actual rate predictions will depend on formation characteristics, bit profiles, and WOB.

For custom motor configurations and build rates, please contact your DYNOMAX office.