

TEC MOTORS- BRUTE FORCE MOTOR- 3.13" (79mm) 7/8 3.0 STAGE

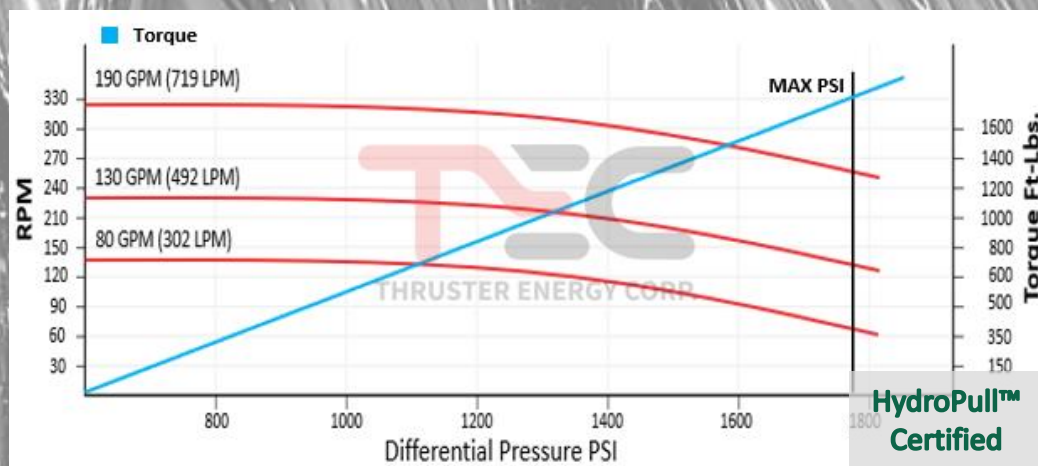


TECHNICAL SPECIFICATIONS

Overall Motor Length	14.8' (4.5m)
Overall Motor Weight	300# (136 Kg)
Lobe Config./ Stage Count	7/8 3.0
MAX WOB @ 100 RPM	21,000# (9,375 daNs)
MAX WOB @ 200 RPM	17,000# (7,589 daNs)
MAX WOB @ 300 RPM	15,000# (6,696 daNs)
MAX Pull at Bit to Fail Bearings	83,000# (37,053 daNs)
MAX Pull on Body to Yield	179,000# (79,910 daNs)
MAX Temp	320 °F (160 °C)

PERFORMANCE SPECIFICATIONS

Flow Range	80 - 190 GPM (302 - 720 LPM)
Speed Range RPM	140 - 330
Rotation	1.80 Rev/ Gal 0.4755 Rev/ Liter
MAX Differential Pressure	1,357 PSI (9,50 kpa)
Stall Differential Pressure	1,571 PSI (11,000 kpa)
MAX Torque	1,845 Ft-Lbs. (2,501 kpa)
Stall Torque	2,624 Ft-Lbs. (3,557 kpa)
Torque Slope	1.46 ft-lbs/ PSI (0.30 Nm/ kpa)



****Performance curves are for reference only. Performance data and dimensions are subject to change without notice.**
Performance curves based upon Dyno Testing in ambient temperatures, and are dependent on flow rate & power section fit. Actual field performance may vary with field-operational conditions. Operating beyond the parameters given will significantly reduce the longevity of the motor's life and/ or damage.