

# TEC MOTORS - PREDATOR EV (EXTREME VELOCITY) 2.88" (73.03mm)

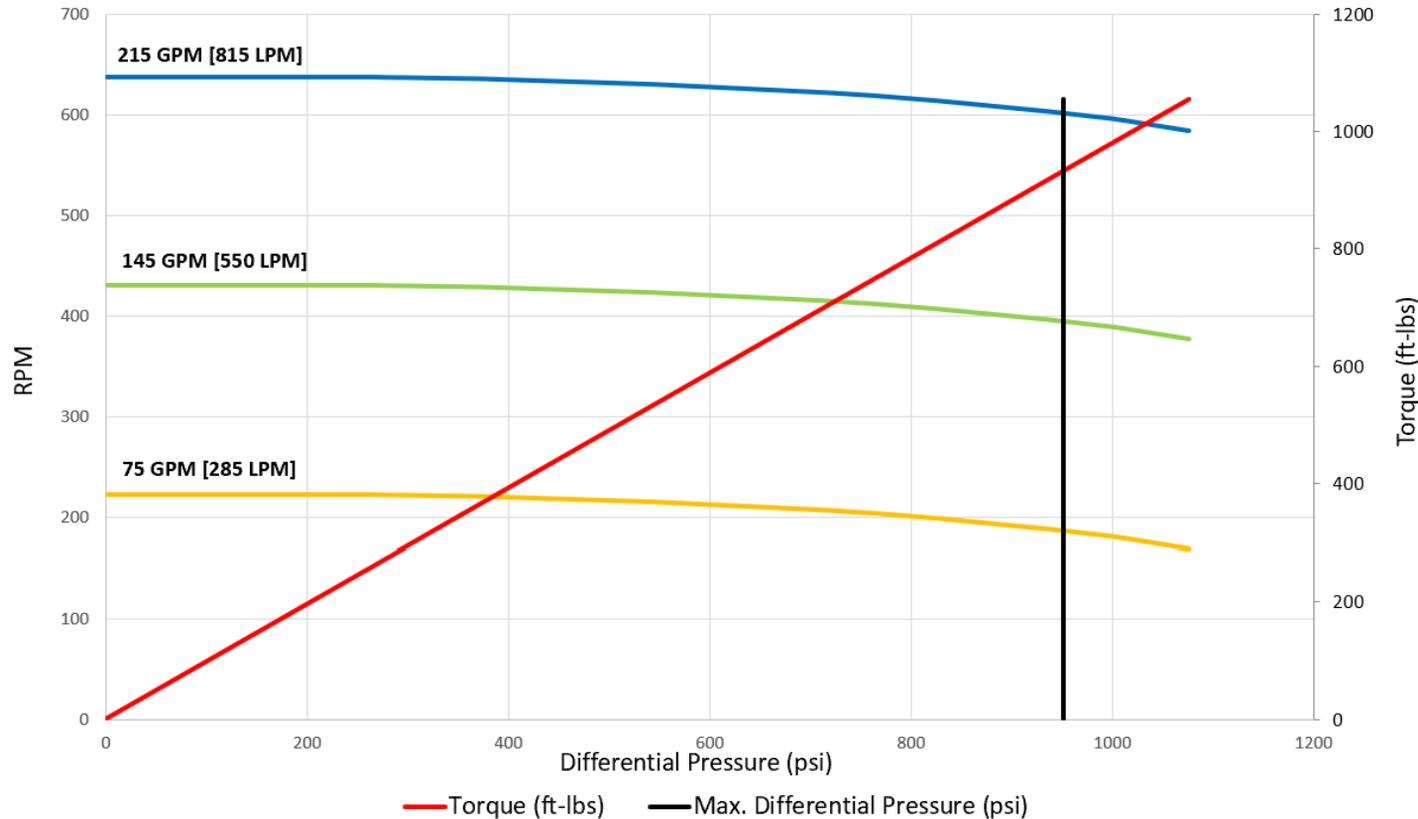


## TECHNICAL SPECIFICATIONS

OVERALL MOTOR LENGTH : 14' 1" (4.30m)  
 MIN FLOW RATE : 75 GPM (284 LPM)  
 INTERMEDIATE FLOW RATE : 145 GPM (550 LPM)  
 MAXIMUM FLOW RATE : 215 GPM (815 LPM)  
 MAX BODY OVERPULL : 130,400 lbf (58,007 daN)  
 MAX OVERPULL @ BIT : 38,000 lbf (16,904 daN)  
 MAX BACK-REAMING : 15,700 lbf (6,984 daN)  
 MAX WOB : 23,600 lbf (10,498 daN)

ROTATION : 2.965 REV/ GAL (Ø.781365 REV/ L)  
 SPEED RANGE : 220 MIN RPM/ 635 MAX RPM  
 MAX DIFFERENTIAL PRESSURE : 952 PSI (6,564 kpa)  
 STALL DIFFERENTIAL PRESSURE : 1,496 PSI (10,315 kpa)  
 STALL TORQUE\* : 1,357 ft-lb (1,840 Nm)  
 MAXIMUM TORQUE\* : 933 ft-lb (1,265 Nm)

**\*Stall Torque vs MAX Torque: MAX Torque operating value is the MAX recommended to operate and not exceed for proper reliability/ longevity. Stall Torque refers to the stall/ complete stop limits of the power section. Exceeding the MAX recommended Stall Torque will likely lead to chunking failure. Cycling at the MAX recommended will fatigue the elastomer as well.**



**\*\*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.**