

Theoretical Specification

962ERT6742

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Moyno® ERT™ Power Section



Patent Pending

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

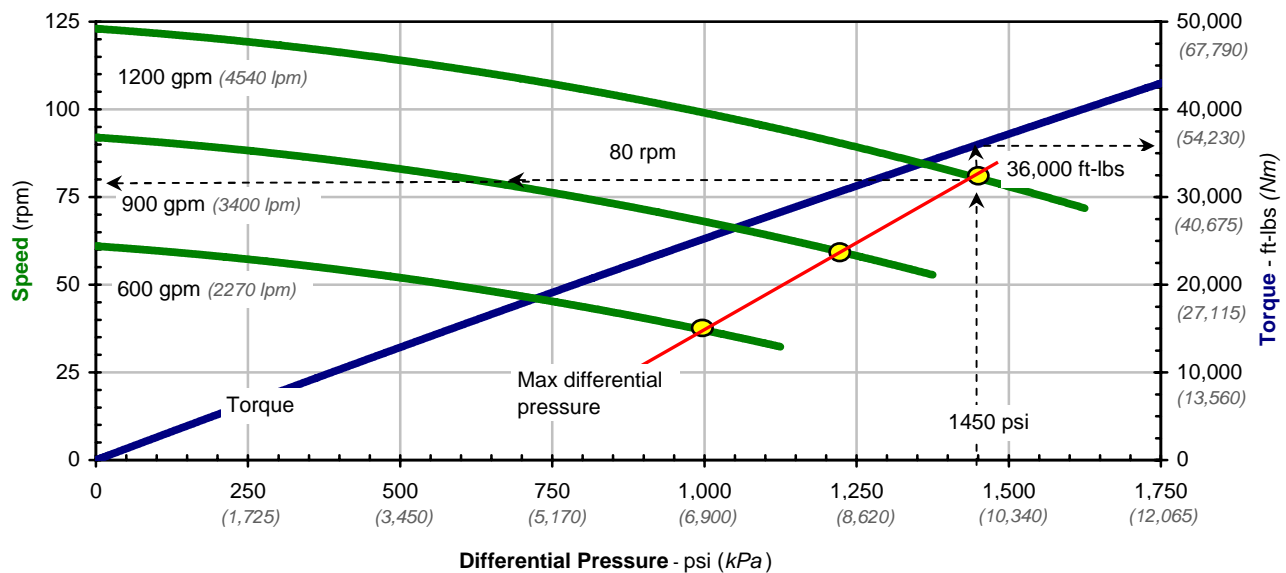
Torque	Operating max	36,000 ft-lbs	(48,810 Nm)
	Stall	65,000 ft-lbs	(88,125 Nm)
Power	Max	550 hp	(410 Kw)
	No load	60-120 rpm	-
Speed	Rev/unit volume	0.1 rev/gal	(0.026 rev/liter)
	Range	600-1,200 gpm	(2,270-4,540 lpm)
Flow	No load	100 psi	(689 kPa)
	Max differential	1,450 psi	(10,000 kPa)
Pressure	Stall max	2,750 psi	(18,960 kPa)

SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	4.2	7	0.015 (0.381)	220.0 (5588)	240 (6096)	Top 13.5 (343)	Btm 10.0 (254)	9.62 (244)	7.855 (199.5)	7.005 (177.9)	5.357 (136.1)	4142 HR Tube Ultra-Flex® Insert	2225 lbs (4905 kg)	Customer Specified
Rotor	0.412 (10.46)	6		219.5 (5575)	227.5 (5779)	8.00 (203)		5.900 (149.9)	2.0 (51)	6.196 (157.4)				
	Eccentricity			Head Length				Head OD	Rotor Bore					

All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves describe theoretical performance at 15°C. Actual field performance will vary based on fit and operational conditions. Maximum power output is produced at the stated max differential pressures

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