

Moyno® ERT™ Power Section



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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

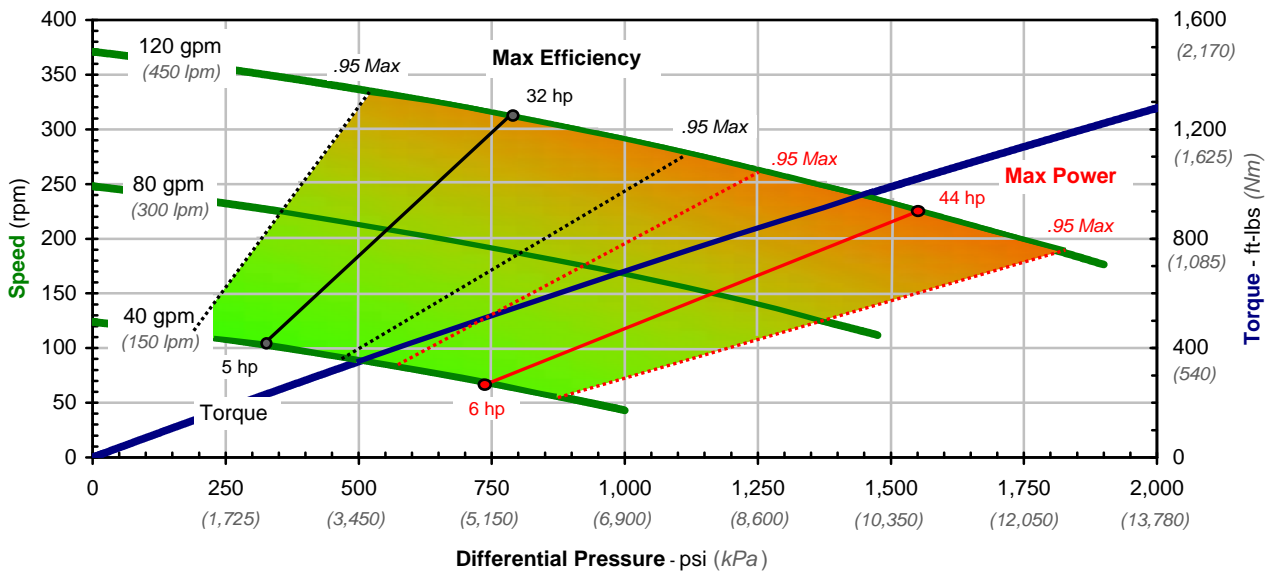
Torque	At max power	1,020 ft-lbs	(1,385 Nm)
	Stall	1,740 ft-lbs	(2,360 Nm)
Power	Max	44 hp	(33 Kw)
	No load	125-370 rpm	-
Speed	Rev/unit volume	3.07 rev/gal	(0.811 rev/liter)
	Flow	Range	40-120 gpm (150-450 lpm)
Pressure	No load - mid flow	210 psi	(1445 kPa)
	At max power	1,550 psi	(10,680 kPa)
	Stall max	2,900 psi	(19,980 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	3.6	8	0.000	67 (1702)	75 (1905)	Top 4 (102) Btm 4 (102)	2.875 (73.0)	2.375 (60.3)	2.071 (52.6)	1.655 (42.0)	4142 HR Tube Ultra-Flex® Insert	49 lbs (22 kg)	Customer Specified
Rotor	0.104 (2.64)	7		68 (1727)	74 (1880)	6.00 (152)	1.625 (41.3)	-	1.863 (47.3)	-			
	Eccentricity			Head Length			Head OD	Rotor Bore					

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

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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