

**Moyno® ERT™
Power Section**



475ERT4536

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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

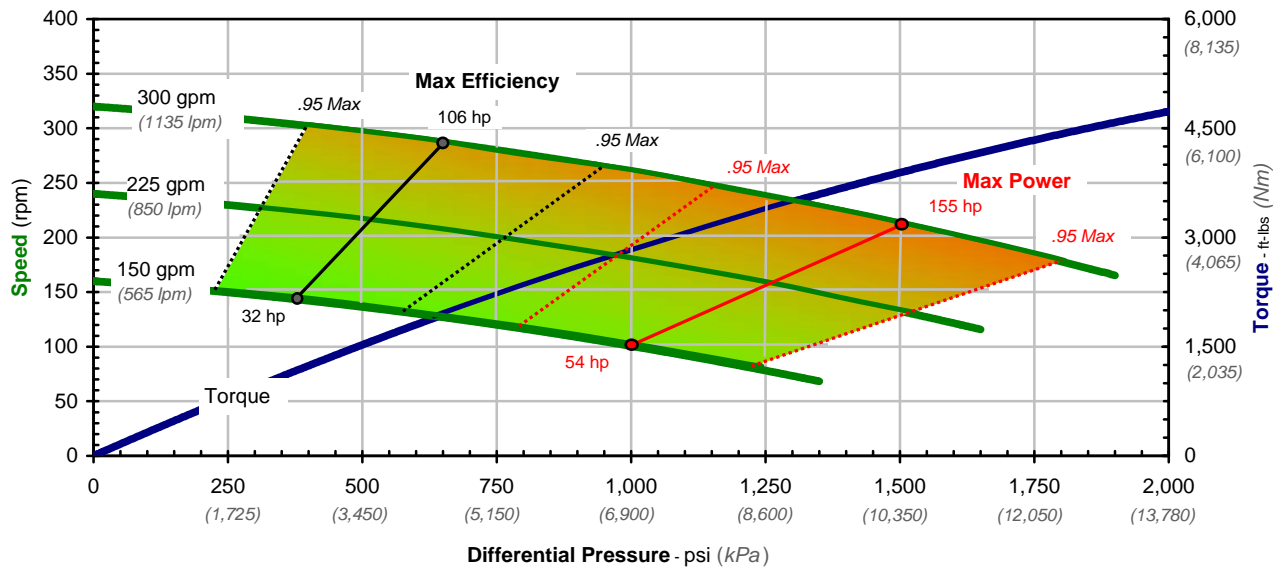
Torque	At max power	3,925 ft-lbs	(5,320 Nm)
	Stall	5,710 ft-lbs	(7,740 Nm)
Power	Max	155 hp	(116 Kw)
Speed	No load	150-300 rpm	-
	Rev/unit volume	1.06 rev/gal	(0.264 rev/liter)
Flow	Range	150-300 gpm	(565-1,135 lpm)
	No load - mid flow	125 psi	(862 kPa)
Pressure	At max power	1,500 psi	(10,335 kPa)
	Stall max	2,975 psi	(20,510 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	5	0.010 (0.254)	112 (2845)	128 (3251)	Top	8 (203)	4.75 (121)	3.75 (95.3)	3.25 (82.6)	2.25 (57.2)	4142 HR Tube Ultra-Flex® Insert	320 lbs (145 kg)	Customer Specified
				Btm	8 (203)									
Rotor	0.25 (6.35)	4		114 (2895)	120 (3048)	6.00 (152)		2.75 (69.9)	1.0 (25)	2.76 (70.1)		17-4 SS Bar	135 lbs (61 kg)	2-3/8" HEF
	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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