

**Moyno® ERT™
Power Section**



475ERT4554

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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

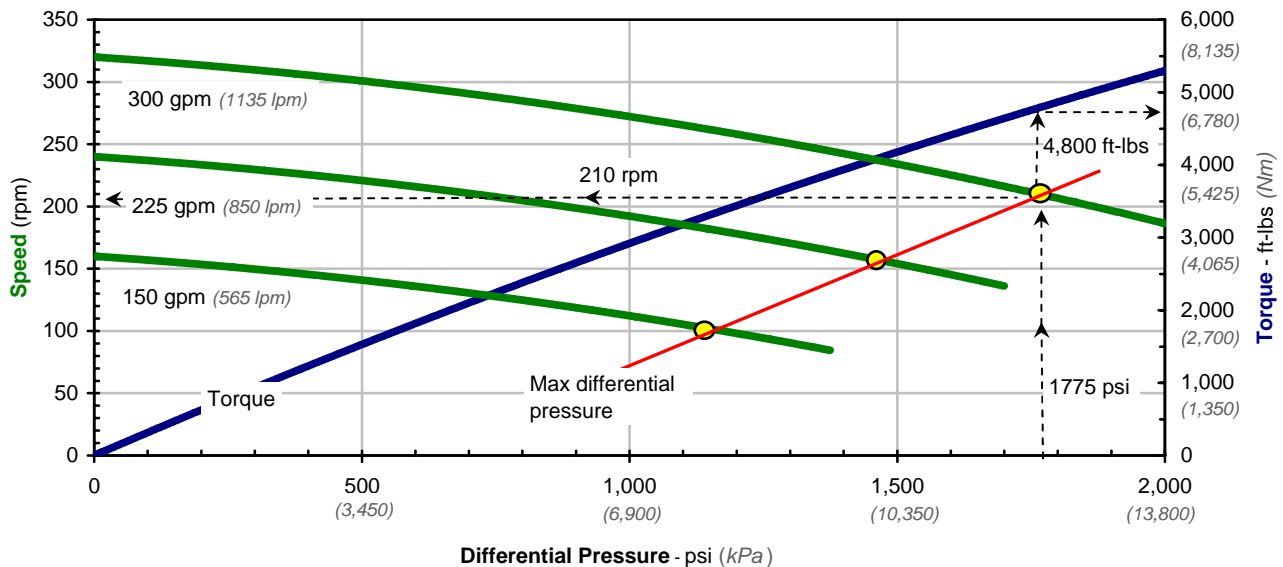
Torque	Operating max	4,800 ft-lbs	(6,510 Nm)
	Stall	7,725 ft-lbs	(10,475 Nm)
Power	Max	190 hp	(255 Kw)
Speed	No load	150-300 rpm	-
	Rev/unit volume	1.06 rev/gal	(0.264 rev/liter)
Flow	Range	150-300 gpm	(565-1,135 lpm)
	No load	165 psi	(1,135 kPa)
Pressure	Max differential	1,775 psi	(12,235 kPa)
	Stall max	3,400 psi	(23,440 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback ¹	Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	5.4	5	0.010 (0.254)	168 (4267)	200 (5080)	Top 8 (203) Btm 24 (610)	4.75 (121)	3.75 (95.3)	3.25 (82.6)	2.25 (57.2)	4142 HR Tube Ultra-Flex® Insert	500 lbs (227 kg)	Customer Specified
Rotor	0.25 (6.35)	4		170.5 (4331)	176.5 (4483)	6.00 (152)	3.15 (80.0)	1.0 (25)	2.76 (70.1)			17-4 SS Bar	200 lbs (91 kg)
	Eccentricity			Head Length			Head OD	Rotor Bore					

Notes: 1. Long cutback on bottom end permits placement of rotor connection 15.5" to 18" inboard of stator box's face. All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves describe theoretical performance at 150°F. 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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