

**Moyno® ERT™  
Power Section**



**475ERT4536**

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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**

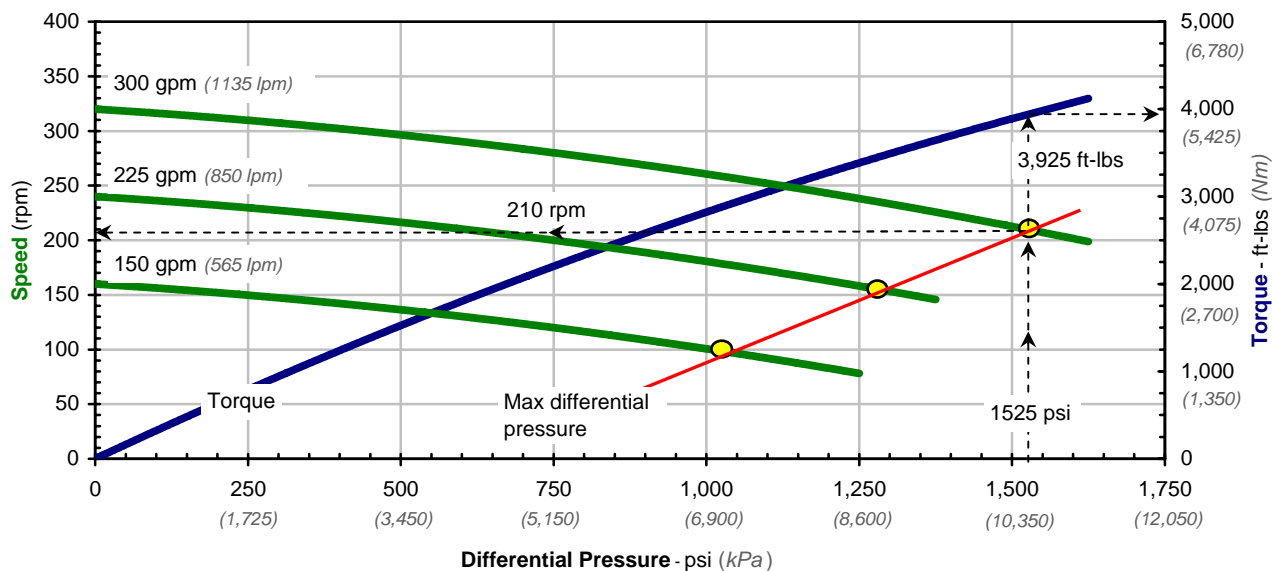
<b>Torque</b>	Operating max	<b>3,925 ft-lbs</b>	(5,320 Nm)
	Stall	<b>5,710 ft-lbs</b>	(7,740 Nm)
<b>Power</b>	Max	<b>155 hp</b>	(116 Kw)
<b>Speed</b>	No load	<b>150-300 rpm</b>	-
	Rev/unit volume	<b>1.06 rev/gal</b>	(0.264 rev/liter)
<b>Flow</b>	Range	<b>150-300 gpm</b>	(565-1,135 lpm)
	No load	<b>125 psi</b>	(862 kPa)
<b>Pressure</b>	Max differential	<b>1,525 psi</b>	(10,515 kPa)
	Stall max	<b>2,975 psi</b>	(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
<b>Stator</b>	3.6	5	0.010 (0.254)	112 (2845)	128 (3251)	Top 8 (203) Btm 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
<b>Rotor</b>	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)
	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. Maximum power output is produced at the stated max differential pressures

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