

Rotor Dimensional Specifications		
	Imperial (in.)	Metric (mm)
Head OD	3.25	82.6
Head Length	6.0	152.4
Overall Length	226.0	5740.4
Contour Length	220.0	5588.0
Eccentricity	0.170	4.3
Orbit Diameter	3.589	91.2
Major Diameter	3.029	76.94
Minor Diameter	2.351	59.7
Mean Diameter ¹	2.690	68.3

Rotor Weight Specifications		
	Imperial (lb.)	Metric (kg)
Weight	333	151

Stator Dimensional Specifications		
	Imperial (in.)	Metric (mm)
Tube OD	5.00	127.0
Tube ID	3.88	98.4
Overall Length	235.0	5969.0
Contour Length	219.0	5562.6
Cutback Up	8.0	203.2
Cutback Down	8.0	203.2

Stator Weight Specifications		
	Imperial (lb.)	Metric (kg)
Weight	579	263

Stator Fit Information @ 68°F (20°C)			
		Imperial (in.)	Metric (mm)
1.0-US	Major Dia	3.357	85.268
	Minor Size ²	2.666	67.716
1.0-STD	Major Dia	3.369	85.573
	Minor Size ²	2.693	68.402
1.0-OS	Major Dia	3.377	85.776
	Minor Size ²	2.710	68.834

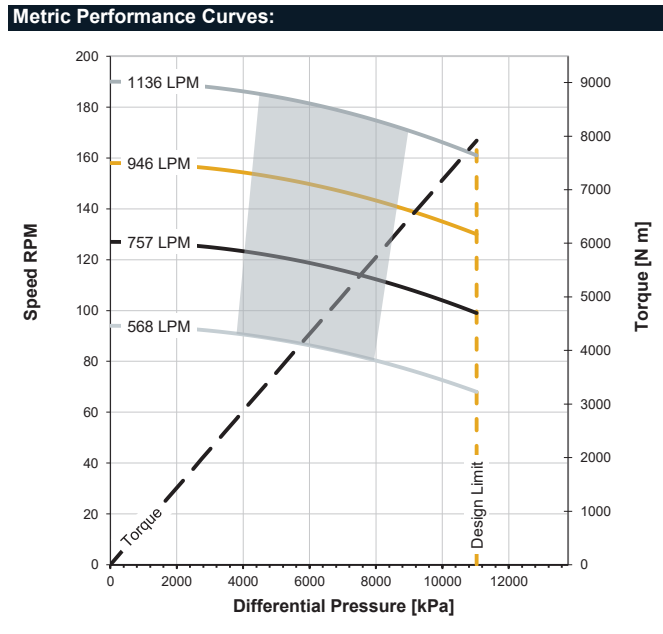
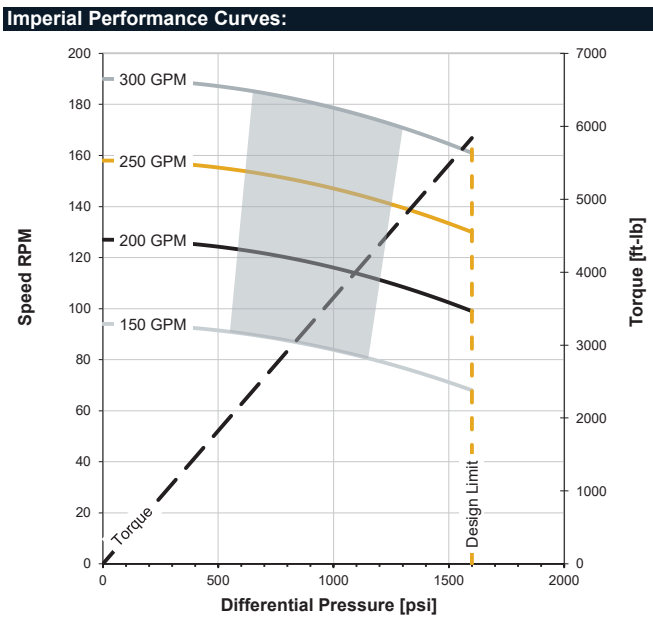
¹Mean Diameter odd number of lobes = Measurement from top of the lobe to opposite valley
²Mean Diameter even number of lobes = Average of major and minor diameter measurements
³Nominal Minor Diameter does not include a Vector Tool™ spring compression offset

Custom Rotor and Stator Dimensional Specifications are available upon request.
 Stator dimensions at 68°F (20°C).
 Minor Diameter Compression Fit = Rotor Mean Dia. - Stator Minor Dia.

Minor Diameter Compression Imperial (in.) (Metric (mm)) @ Temperature °F (°C).									
% Compression Scale - 2% 3.5% 5% Recommend 2%-5% compression at Operating Temperature. For temperatures and ranges not listed, consult Weatherford Representative.									
Operating Temperature	68°F (20°C)	104°F (40°C)	140°F (60°C)	176°F (80°C)	212°F (100°C)	248°F (120°C)	284°F (140°C)	320°F (160°C)	
1.0-US	0.024 (0.610)	0.036 (0.917)	0.048 (1.224)	0.060 (1.531)	0.072 (1.838)	0.084 (2.145)	0.097 (2.452)	0.109 (2.759)	
1.0-STD	-0.003 (-0.076)	0.009 (0.224)	0.021 (0.524)	0.032 (0.824)	0.044 (1.125)	0.056 (1.425)	0.068 (1.725)	0.080 (2.025)	
1.0-OS	-0.020 (-0.508)	-0.008 (-0.212)	0.003 (0.084)	0.015 (0.380)	0.027 (0.676)	0.038 (0.972)	0.050 (1.267)	0.062 (1.563)	

Operational Specifications:		
	Imperial	Metric
Recommended Flow Range	150 - 300 US gpm	568 - 1136 lpm
Speed Range	94 - 190 rpm	94 - 190 rpm
Speed Ratio	0.63 rev/US gal	0.166 rev/liter
Torque Ratio	3.7 lb-ft/psi	0.718 N-m/kPa

Power Specifications:		
	Imperial	Metric
Operating Differential Pressure Limit ³	1,280 psi	8,826 kPa
Design Differential Pressure Limit	1,600 psi	11,032 kPa
Maximum Power Output ⁴	179.0 HP	133.5 KW
Torque at Max Differential Pressure	5,840 lb-ft	7,918 N-m
Stall Torque	11,680 lb-ft	15,836 N-m



Performance curves for reference only, actual performance will vary depending on fit, temp, fluid and condition. Performance and dimensional information is subject to change without notice. Vector Tool™ is a trade mark of National Oilwell Varco
³Operating Differential Pressure Limit 80% of Design Differential Pressure Limit. ⁴Maximum Power Output under design conditions at Max Flow Rate and Design Differential Pressure Limit.

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. For more information, contact patents@weatherford.com. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.