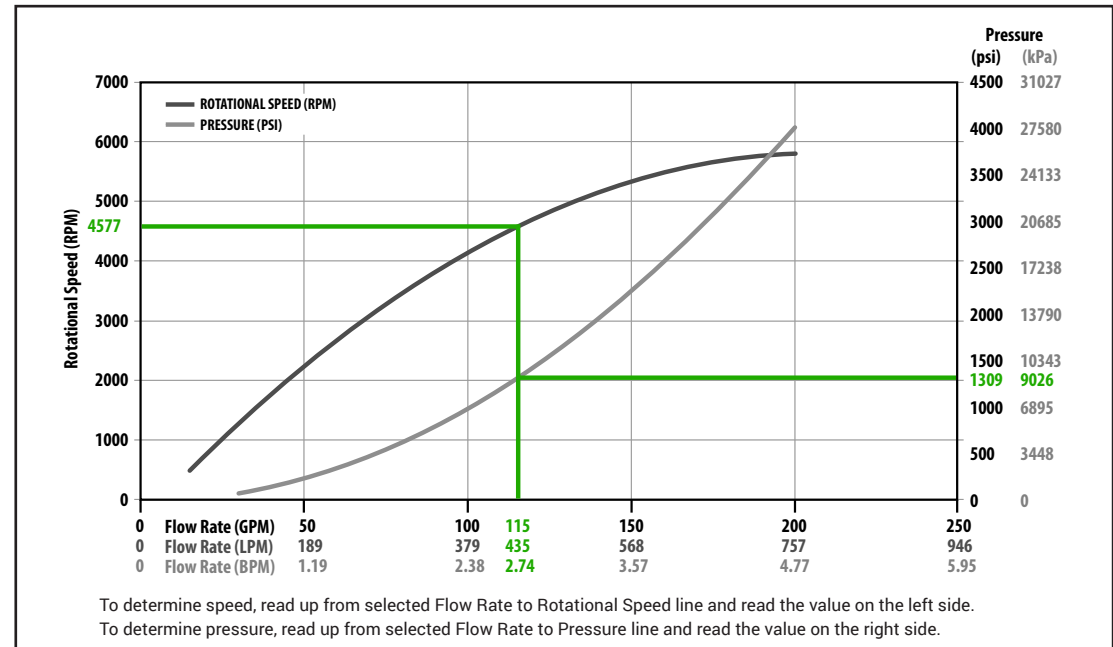


	<b>Imperial</b>	<b>Metric</b>
<b>Overall Length of the Tool</b> <sup>1</sup>	20.8 in	528.3 mm
<b>Maximum Tool Body Diameter</b>	2.880 in	73 mm
<b>Milling Style Head Blade / Nominal Diameter</b> <sup>2</sup>	2.880 in	73 mm
	3.500 in	89 mm
	3.560 in	91 mm
	3.625 in	92 mm
	3.730 in	95 mm
<b>Maximum Temperature</b> <sup>3</sup>	482°F	250°C
<b>Maximum On-Bottom Bearing Load</b> <sup>4</sup>	19500 lbf	8674 daN
<b>Maximum Off-Bottom Bearing Load</b> <sup>4</sup>	13700 lbf	6094 daN
<b>Maximum Overpull</b> <sup>5</sup>	33700 lbf	14991 daN
<b>Milling-Style Head Total Flow Area</b>	0.90 in <sup>2</sup>	582 mm <sup>2</sup>
<b>Minimum Internal Port Size</b> <sup>6</sup>	0.10 in	2.5 mm
<b>Burst Pressure</b>	8950 psi	61.7 MPa
<b>Collapse Pressure</b>	6090 psi	42.0 MPa
<b>Peak Power</b> <sup>7</sup>	4 HP	3 kW
<b>Top Connection</b>	2.375 PAC box	
<b>Optional Bottom Connection</b> <sup>2</sup>	2.375 PAC pin or box	
<b>Wash Head Nominal Diameter</b> <sup>2</sup>	3.250 in	83 mm
<b>Maximum Wash Head Port Config &amp; TFA</b>	1 x Ø0.44 in, 12 x Ø0.31 in 1.07 in <sup>2</sup>	1 x Ø11.1 mm, 12 x Ø7.9 mm 690 mm <sup>2</sup>
<b>Minimum Wash Head Port Config &amp; TFA</b>	6 x Ø0.31 in 0.46 in <sup>2</sup>	6 x Ø7.9 mm 297 mm <sup>2</sup>



Operational specifications are for reference only. Actual tool performance may vary depending on a variety of downhole conditions. Performance data is subject to change without notice.

<sup>1</sup> - Overall length is the shoulder-to-shoulder distance of the Tool ONLY. Additional Crossovers/ Noses will add length, see Fishing Drawing for these lengths.  
<sup>2</sup> - Wash Head, Blade Head, or Bottom Connection configurations are available. Minimum clearance of 0.25 inches is recommended between blade nominal diameter and hole diameter. Additional blade / gauge configurations are available upon request.  
<sup>3</sup> - Specified ratings are not applicable at temperatures exceeding this value. Contact IFES for ratings at elevated temperatures.  
<sup>4</sup> - Specified load ratings are based upon onset of bearing damage.  
<sup>5</sup> - Specified load rating is based upon tool separation.  
<sup>6</sup> - Using LCM particles larger than specified minimum internal port size is not recommended and may cause tool plug-off.  
<sup>7</sup> - Peak power is dependent on a variety of operational parameters and true performance may vary based on downhole conditions.



Box-down & Pin-down options available.