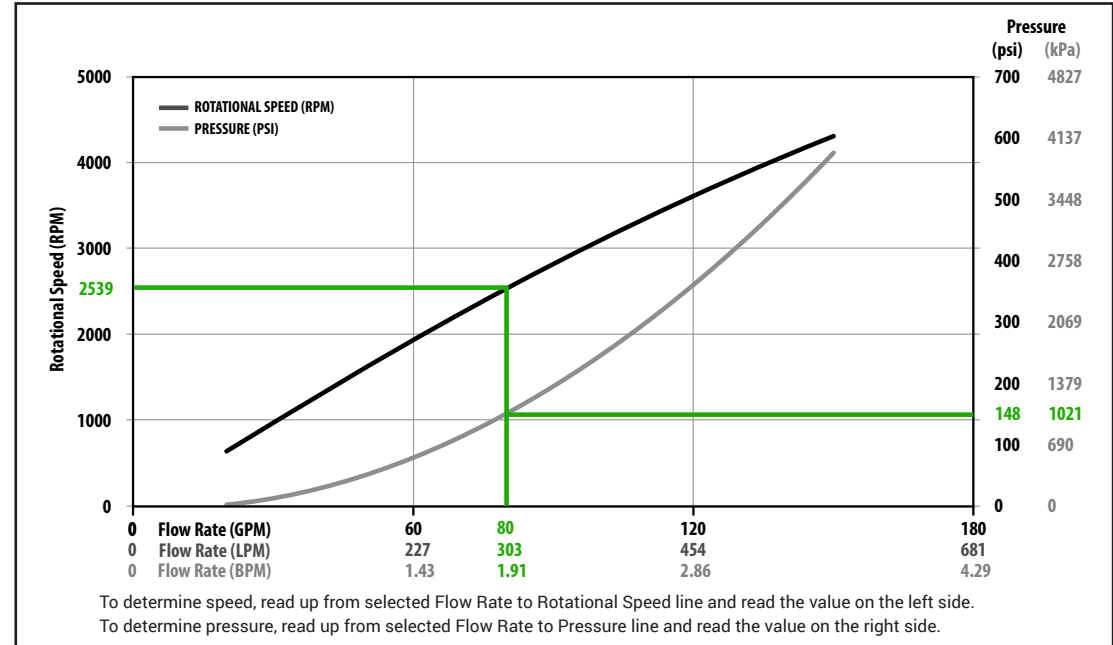


	Imperial	Metric
Overall Length of the Tool <sup>1</sup>	9.78 in	248.4 mm
Maximum Tool Body Diameter	2.130 in	54 mm
Maximum Temperature <sup>3</sup>	482°F	250°C
Maximum On-Bottom Bearing Load <sup>4</sup>	9600 lbf	4270 daN
Maximum Off-Bottom Bearing Load <sup>4</sup>	9600 lbf	4270 daN
Maximum Overpull <sup>5</sup>	22600 lbf	10053 daN
Recommended Total Flow Area	0.45 in <sup>2</sup>	293 mm <sup>2</sup>
Minimum Internal Port Size <sup>6</sup>	0.14 in	3.6 mm
Burst Pressure	12810 psi	88.3 MPa
Collapse Pressure	12360 psi	85.2 MPa
Peak Power <sup>7</sup>	0.6 HP	0.4 kW
Top Connection <sup>2</sup>	1.500 API REG Box	
Optional Bottom Connection <sup>2,8</sup>	1.500 API REG Pin or Box	
Wash Head Nominal Diameter <sup>2</sup>	2.600 in	66 mm
	2.500 in	63.5 mm
Milling Style Wash Head <sup>2</sup>	2.060 in	52.3 mm
Maximum Wash Head Port Config & TFA	1 x Ø0.44 in, 12 x Ø0.19 in 0.48 in <sup>2</sup>	1 x Ø11.1 mm, 12 x Ø4.8 mm 310 mm <sup>2</sup>
Minimum Wash Head Port Config & TFA	6 x Ø0.19 in 0.17 in <sup>2</sup>	6 x Ø4.8 mm 110 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.  
<sup>8</sup> - 1.500 API REG Connection is interchangeable with most 1.500 MT, 1.500 AMT and 1.500 AMMT connections.



Box-down & Pin-down options available.