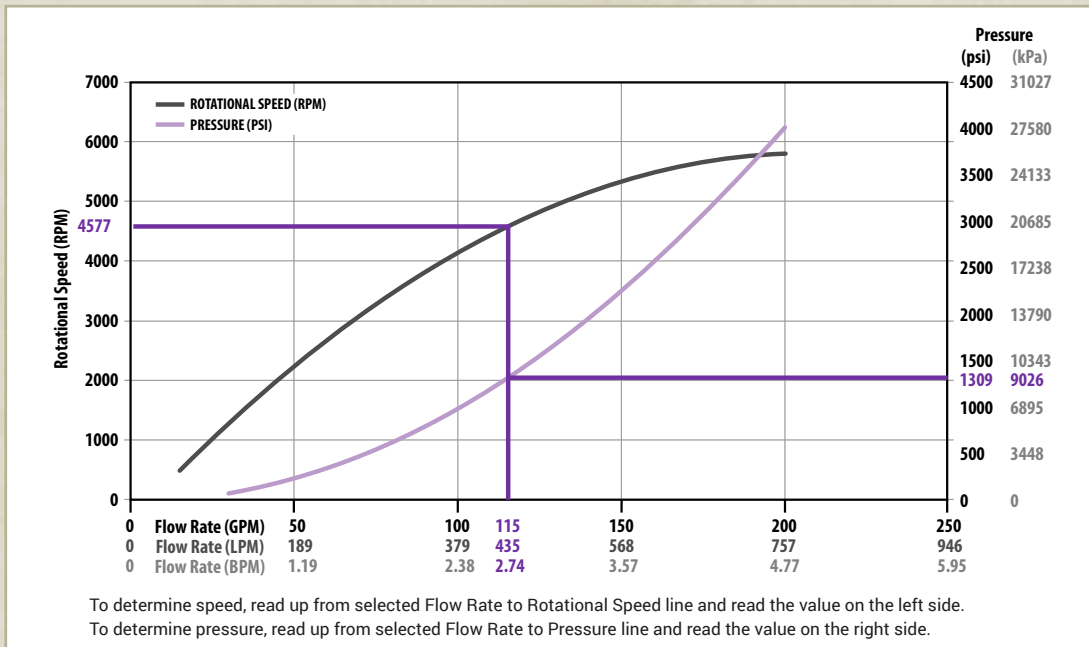


	Imperial	Metric
Overall Length of the Tool ¹	20.8 in	528.3 mm
Maximum Tool Body Diameter	2.880 in	73 mm
Milling Style Head Blade / Nominal Diameter ²	2.880 in	73 mm
	3.500 in	89 mm
	3.560 in	91 mm
	3.625 in	92 mm
	3.730 in	95 mm
Maximum Temperature ³	482°F	250°C
Maximum On-Bottom Bearing Load ⁴	19500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



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.

¹ - Overall length is the shoulder-to-shoulder distance of the Tool ONLY. Additional Crossovers/ Noses will add length, see Fishing Drawing for these lengths.

² - 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.

³ - Specified ratings are not applicable at temperatures exceeding this value. Contact IFES for ratings at elevated temperatures.

⁴ - Specified load ratings are based upon onset of bearing damage.

⁵ - Specified load rating is based upon tool separation.

⁶ - Using LCM particles larger than specified minimum internal port size is not recommended and may cause tool plug-off.

⁷ - 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.



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