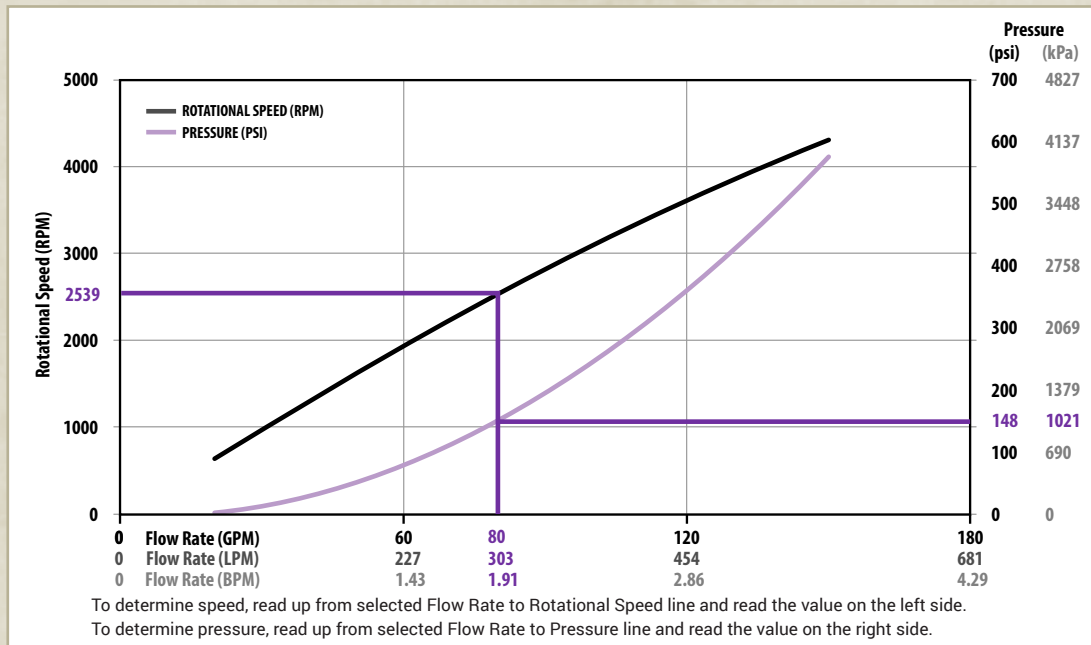


| | Imperial | Metric |
|--|---|---|
| Overall Length of the Tool ¹ | 9.78 in | 248.4 mm |
| Maximum Tool Body Diameter | 2.130 in | 54 mm |
| Maximum Temperature ³ | 482°F | 250°C |
| Maximum On-Bottom Bearing Load ⁴ | 9600 lbf | 4270 daN |
| Maximum Off-Bottom Bearing Load ⁴ | 9600 lbf | 4270 daN |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



Box-down & Pin-down options available.

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.
⁸ - 1.500 API REG Connection is interchangeable with most 1.500 MT, 1.500 AMT and 1.500 AMMT connections.



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