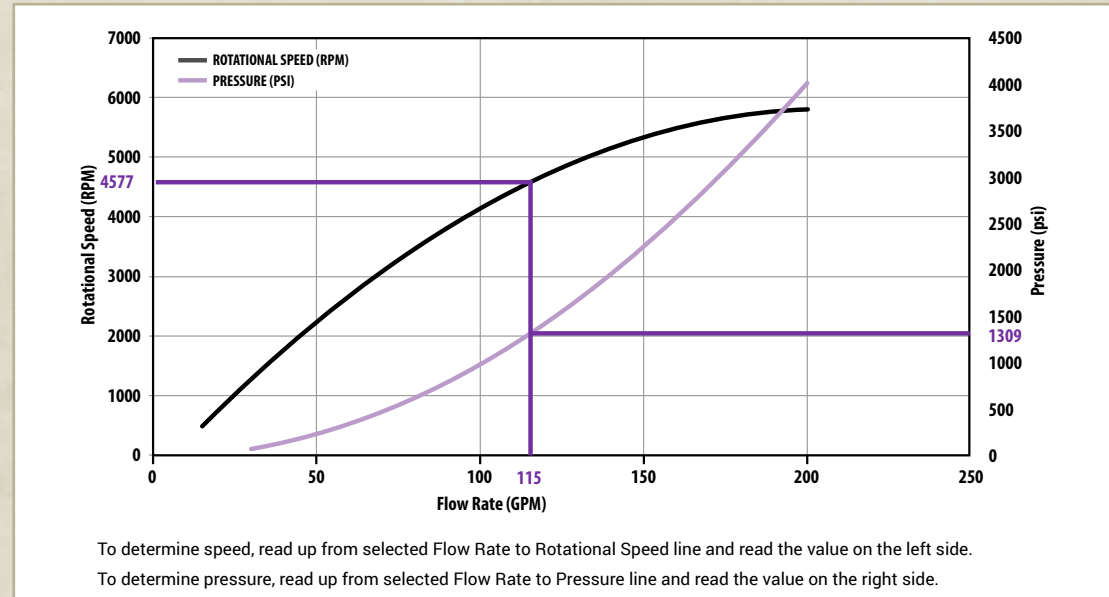


DEPLOY
HIGH SPEED REAMING TOOL
FASTER. FARTHER. SMARTER.

HSRT - 2.875"



	Imperial	Metric
Overall Length¹	27.40 in	696.0 mm
Maximum Tool Body Diameter	2.880 in	73 mm
Wash Head Nominal Diameter²	3.250 in	83 mm
Milling Head Blade / Nominal Diameter²	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 Temperature³	482°F	250°C
Maximum On-Bottom Bearing Load⁴	19500 lbf	8674 daN
Maximum Off-Bottom Bearing Load⁴	13700 lbf	6094 daN
Maximum Overpull⁵	33700 lbf	14991 daN
Maximum Wash Head Total Flow Area	1.07 in ²	690 mm ²
Minimum Wash Head Total Flow Area	0.46 in ²	297 mm ²
Milling Head Total Flow Area	0.90 in ²	582 mm ²
Minimum Internal Port Size⁶	0.10 in	2.5 mm
Burst Pressure	8900 psi	61.7 MPa
Collapse Pressure	6090 psi	42.0 MPa
Peak Power⁷	4 HP	3 kW
Top Connection	2.375 PAC box	
Optional Bottom Connection²	2.375 PAC pin or box	



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.

	Imperial	Metric
Maximum Wash Head Port Config	1 x Ø0.44 in, 12 x Ø0.31 in	1 x Ø11.1 mm, 12 x Ø7.9 mm
Minimum Wash Head Port Config	6 x Ø0.31 in	6 x Ø7.9 mm

- ¹ - Overall length includes standard configuration Milling Head. Overall Length will vary with other configurations such as Wash Head or Bottom Connection.
- 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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