## DEPLOY **HIGH SPEED REAMING TOOL**

FASTER. FARTHER. SMARTER.

HSRT	- 1	68	22
IJNI		UQ	0



1.67

	Imperial	Metric	
Overall Length of the Tool <sup>1</sup>	10.24 in	260.1 mm	
Maximum Tool Body Diameter	1.690 in	42.9 mm	
Maximum Temperature <sup>3</sup>	482°F	250°C	
Maximum On-Bottom Bearing Load <sup>4</sup>	5800 lbf	2580 daN	
Maximum Off-Bottom Bearing Load <sup>4</sup>	5800 lbf	2580 daN	
Maximum Overpull ⁵	15700 lbf	6984 daN	
Recommended Nose Total Flow Area (TFA)	0.26 in <sup>2</sup>	168 mm <sup>2</sup>	
Minimum Internal Port Size 6	0.16 in	4.0 mm	
Burst Pressure	17200 psi	118.6 MPa	
Collapse Pressure	10900 psi	75.2 MPa	
Peak Power 7	1.3 HP	1.0 kW	
Top Connection <sup>8</sup>	1.000 MT/AMT/AMMT (BOX)		
Bottom Connection 8	1.000 MT/AMT/AMMT (PIN)		
Milling Style Wash Head Nominal Diameter <sup>2</sup>	1.690 in	42.9 mm	
Milling Style Wash Head Config & TFA	1 x Ø5/16 in, 12 x 5/32 in 0.31 in <sup>2</sup>	1 x Ø7.9 mm, 12 x 4mm 200 mm <sup>2</sup>	

<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 or Bottom Connection Configurations are available. Additional gauge \ bottom connection 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> 1.000 API REG connection is interchangeable with most 1.000 MT, 1.000 AMT, and 1.000 AMMT connections.
- 9 Running above 30 GPM may result in premature wear and tear.



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Pressure (psi) (kPa) 7000 - ROTATIONAL SPEED (RPM) PRESSURE (PSI) 810 5585 6000 710 4895 5000 610 4206 **Sotational Speed (RPM** 4593 4000 **510** 3516 410 2827 3000 310 2138 2000 210 1448 150 1034 1000 110 759 10 69 0 0 Flow Rate (GPM)<sup>9</sup> 10 20 30 40 50 60 70 0 Flow Rate (LPM)<sup>9</sup> 38 76 114 151 189 227 265

To determine speed, read up from selected Flow Rate to Rotational Speed line and read the value on the left side. To determine pressure, read up from selected Flow Rate to Pressure line and read the value on the right side.

0.95

1.2

1.4

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.

info@infocusenergy.com

0.72

ENERGY SEAVICES Box-down & Pin-down options available.

0 Flow Rate (BPM)<sup>9</sup> 0.24

0.48

Simple. Innovative.

9759 51 Avenue NW, Edmonton, AB, Canada T6E 4W8

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