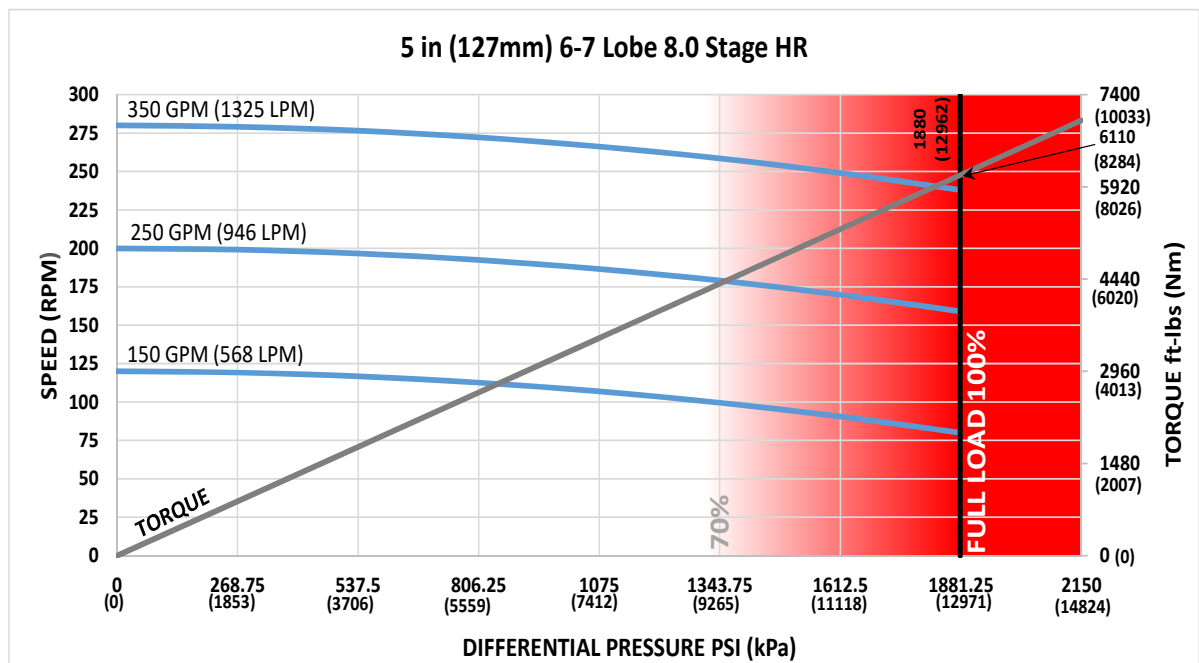
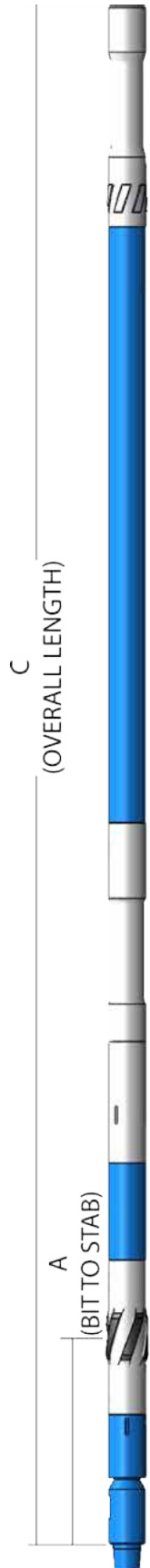


# 5.25 in (133mm) Bottom w/ 5 in (127mm) 6-7 Lobe 8.0 Stage HR MAVERICK

<b>Bit Size Range</b>	6-1/4 - 7-7/8 in	159 - 200 mm
<b>Bit Box Connection</b>	3-1/2 IF	
<b>Dynamic Bearing Load On/Off Bottom</b>	60730 lbf	27000 daN
<b>Static Bearing Load On/Off Bottom</b>	124336 lbf	55300 daN
<b>Max. Overpull (For Re-run)</b>	326500 lbf	145200 daN
<b>Absolute Overpull</b>	544100 lbf	242000 daN
<b>A = Bit to Stabilizer (Centre)</b>	29.3 in	0.74 m
<b>C = Overall (With Dump Sub)</b>	417.5 in	10.6 m
<b>Weight</b>	1701 lb	772 kg

<b>Lobe Configuration</b>	6-7 Lobe 8.0 Stage HR	
<b>Displacement (No Load)</b>	0.79 rev/gal	0.21 rev/l
<b>Max. Differential (Full Load)</b>	1880 psi	12962 kPa
<b>Max. Torque</b>	6110 ft-lbs	8284 Nm
<b>Max. Power</b>	277 HP	206 kW

Flow Rate		Speed
GPM	LPM	RPM
150	568	80 - 120
250	946	159 - 200
350	1325	238 - 280



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

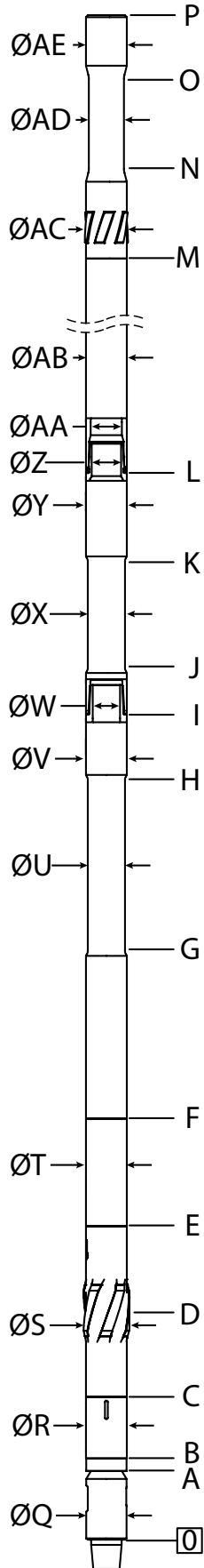
This information is for reference only.

Maverick Motors are not intended for use with Bend Housings

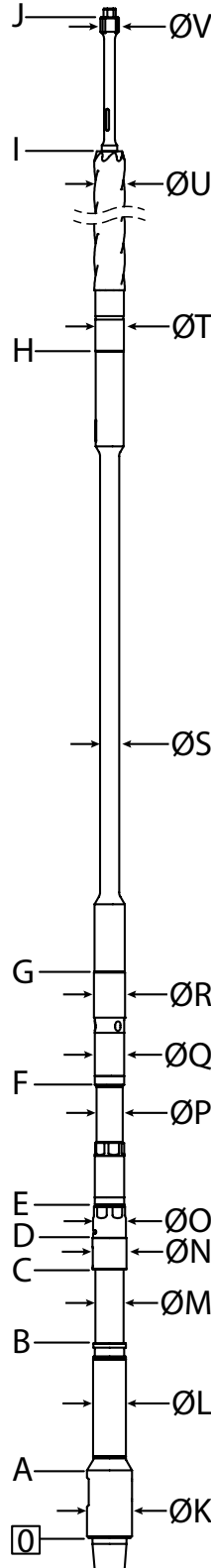
# 5.25 in (133mm) Bottom w/ 5 in (127mm) 6-7 Lobe 8.0 Stage HR MAVERICK

## FISHING DIMENSIONS

USC - IMPERIAL (Lengths, Diameters = in)  
SI - METRIC (Lengths = m, Diameters = mm)



EXTERNALS		USC	SI
PISTON STOP	A	8.8	0.22
END CAP	B	10.4	0.26
BEARING HOUSING	C	18.3	0.46
INTEGRAL STABILIZER	D	29.3	0.74
PISTON HOUSING	E	40.0	1.02
STRAIGHT HOUSING	F	53.8	1.37
STRAIGHT HOUSING FLEX START	G	73.3	1.86
STRAIGHT HOUSING FLEX END	H	97.1	2.47
ADAPTOR HOUSING	I	105.5	2.68
ADAPTOR HOUSING FLEX START	J	111.5	2.83
ADAPTOR HOUSING FLEX END	K	125.0	3.18
STATOR	L	136.4	3.46
ROTOR CATCH FLOAT SUB	M	386.4	9.81
ROTOR CATCH FLEX START	N	--	--
ROTOR CATCH FLEX END	O	--	--
OVERALL LENGTH	P	417.5	10.61
BIT BOX DIAMETER Ø	Q	5.15	130.8
END CAP Ø	R	5.25	133.4
STABILIZER Ø	S	6.00	152.4
PISTON HOUSING Ø	T	5.25	133.4
STRAIGHT HOUSING FLEX Ø	U	4.75	120.7
STRAIGHT HOUSING Ø	V	5.25	133.4
STRAIGHT HOUSING PIN Ø	W	3.50	88.9
ADAPTOR HOUSING FLEX Ø	X	4.75	120.7
ADPATOR HOUSING Ø	Y	5.25	133.4
ADAPTOR HOUSING PIN Ø	Z	3.35	85.1
STATOR INNER Ø	AA	4.00	101.6
STATOR OUTER Ø	AB	5.00	127.0
ROTOR CATCH STABILIZED Ø	AC	5.25	133.4
ROTOR CATCH FLEX Ø	AD	--	--
ROTOR CATCH BOX Ø	AE	5.00	127.0



INTERNALS		USC	SI
BIT BOX	A	7.8	0.20
THRUST SHOULDER	B	22.3	0.57
COMPRESSION NUT	C	30.8	0.78
LOCK NUT	D	34.4	0.87
WASHPIPE	E	38.2	0.97
BEARING ASSEMBLY ADAPTOR	F	51.90	1.32
FLEXSHAFT	G	64.90	1.65
ROTOR START	H	136.0	3.45
ROTOR END	I	377.0	9.58
CATCH STEM	J	388.9	9.88
BIT BOX Ø	K	5.15	0.13
MANDREL Ø	L	3.75	0.10
THRUST Ø	M	3.22	81.8
COMPRESSION NUT Ø	N	3.89	98.8
LOCK NUT Ø	O	3.78	96.0
WASHPIPE Ø	P	3.00	76.2
BEARING ASSEMBLY ADAPTOR Ø	Q	3.37	85.6
FLEXSHAFT HEAD Ø	R	3.56	90.4
FLEXSHAFT Ø	S	2.19	55.6
ROTOR HEAD Ø	T	2.90	73.7
ROTOR MAJOR Ø	U	3.02	76.7
ROTOR CATCH STEM HEAD Ø	V	2.13	54.0

This information is for reference only. Assemblies are displayed in an "Adjustable Configuration"

Rotor Catch and Rotor Catch Float Sub Lengths may vary based on configuration, and use of Dump Subs or combination Rotor Catch and Float Housings.

If any additional information is required, please contact your local DYNOMAX office.