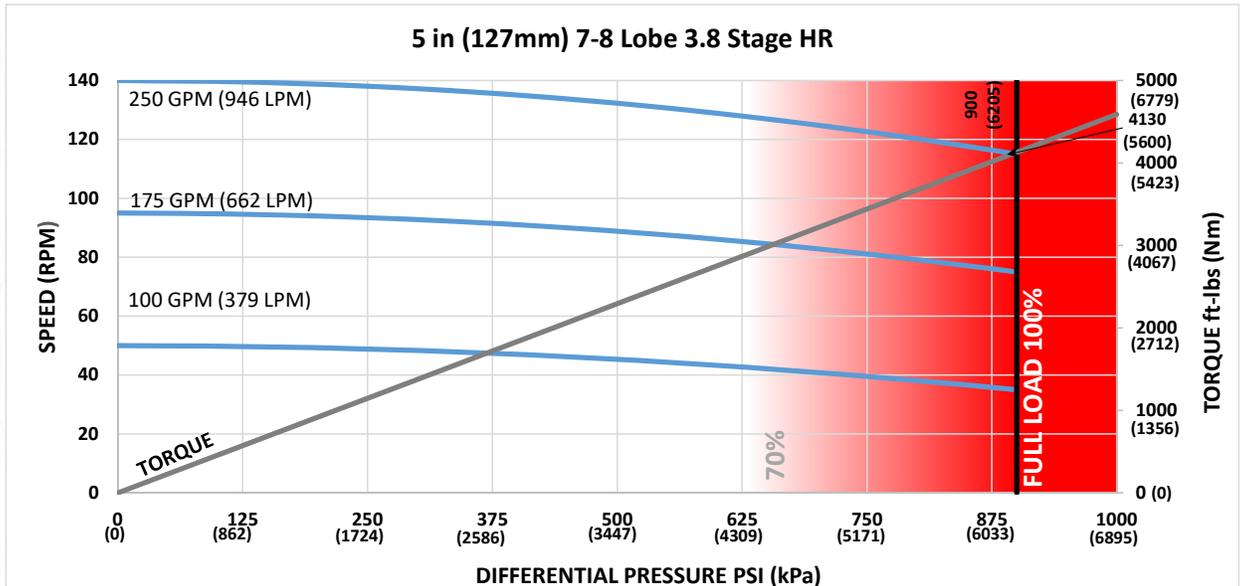


# 5.15 in (131mm) Bottom w/ 5 in (127mm) 7-8 Lobe 3.8 Stage HR RS FLEXSHAFT - MUD LUBE



<b>Bit Size Range</b>	5-5/8 - 6-3/4 in	143 - 171 mm
<b>Downhole Connection</b>	3-1/2 IF Pin	
<b>Dynamic Bearing Load On/Off Bottom</b>	47300 lbf	21000 daN
<b>Static Bearing Load On/Off Bottom</b>	103500 lbf	46000 daN
<b>Max. Overpull (For Re-run)</b>	184700 lbf	82200 daN
<b>Absolute Overpull</b>	369300 lbf	164300 daN
<b>Stab/Thread Protector Makeup Torque</b>	6000 ft-lbs	8100 Nm
<b>A = Bit to Stabilizer (Centre)</b>	14.74 in	0.37 m
<b>C = Overall (With Rotor Catch Float Sub)</b>	337 in	8.56 m
<b>Weight</b>	1411 lb	640 kg



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

<b>Lobe Configuration</b>	7-8 Lobe 3.8 Stage HR	
<b>Displacement (No Load)</b>	0.54 rev/gal	0.14 rev/l
<b>Max. Differential (Full Load)</b>	900 psi	6205 kPa
<b>Max. Torque</b>	4130 ft-lbs	5600 Nm
<b>Max. Power</b>	90 HP	67 kW

Flow Rate		Speed
GPM	LPM	RPM
100	379	35 - 50
175	662	75 - 95
250	946	115 - 140

This information is for reference only.

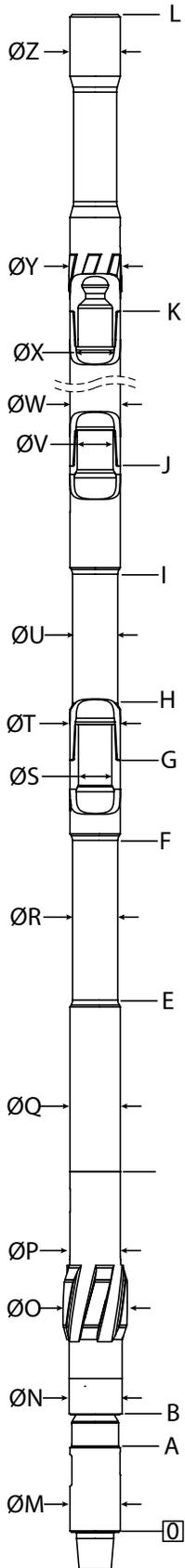
RS FLEXSHAFT Motors are available with Integral Blade Bearing Housings or Screw-On Style Stabilizers.

Contact your local DYNOMAX office for Stabilizer Sizes and Availability.

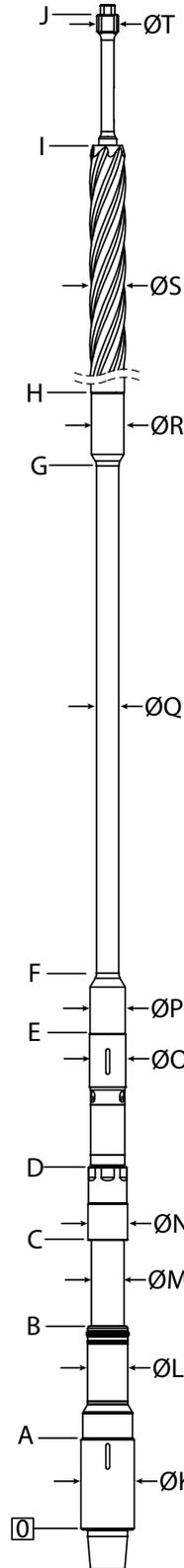
# 5.15 in (131mm) Bottom w/ 5 in (127mm) 7-8 Lobe 3.8 Stage HR RS FLEXSHAFT - MUD LUBE

## FISHING DIMENSIONS

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



EXTERNALS		USC	SI
LOWER HSG. FLOW REST.	A	11.4	0.29
BEARING HSG. START	B	14.2	0.36
STABILIZER SHOULDER	C	28.7	0.73
STRAIGHT HOUSING	D	38.1	0.97
STRAIGHT HOUSING FLEX START	E	58.8	1.49
STRAIGHT HOUSING FLEX END	F	76.1	1.93
ADAPTOR HOUSING	G	88.0	2.24
ADAPTOR HOUSING FLEX START	H	94.0	2.39
ADAPTOR HOUSING FLEX END	I	107.5	2.73
STATOR START	J	118.9	3.02
STATOR END	K	305.9	7.77
OVERALL LENGTH	L	337.0	8.56
BIT BOX Ø	M	4.71	119.6
LOWER HSG. FLOW REST. Ø	N	4.81	122.2
STAB. BLADE Ø	O	--	--
BEARING HOUSING Ø	P	5.75	146.1
STRAIGHT HOUSING Ø	Q	5.15	130.8
STRAIGHT HOUSING FLEX Ø	R	4.75	120.7
STRAIGHT HOUSING PIN Ø	S	3.75	95.3
ADAPTOR HOUSING Ø	T	5.15	130.8
ADAPTOR HOUSING FLEX Ø	U	4.75	120.7
ADAPTOR HOUSING PIN Ø	V	3.35	85.1
STATOR Ø	W	5.00	127.0
STATOR ID Ø	X	3.75	95.3
HARDFACING Ø	Y	5.25	133.4
ROTOR CATCH FLOAT SUB Ø	Z	5.00	127.0



INTERNALS		USC	SI
BIT BOX	A	8.0	0.20
LOWER SHAFT FLOW REST.	B	18.2	0.46
COMPRESSION NUT.	C	25.7	0.65
BEARING ASSEMBLY ADAPTOR	D	33.3	0.85
DRIVESHAFT START	E	47.8	1.21
DRIVESHAFT FLEX START	F	56.9	1.45
DRIVESHAFT FLEX END	G	106.9	2.72
ROTOR START	H	118.9	3.02
ROTOR END	I	296.9	7.54
ROTOR CATCH END	J	308.8	7.84
BIT BOX Ø	K	4.71	119.6
FLOW RESTRICTOR Ø	L	3.66	93.0
MANDREL Ø	M	3.03	77.0
COMPRESSION NUT Ø	N	3.61	91.7
BEARING ASSEMBLY ADAPTOR Ø	O	3.56	90.4
DRIVESHAFT LOWER HEAD Ø	P	3.47	88.1
DRIVESHAFT FLEX Ø	Q	2.19	55.6
DRIVESHAFT UPPER HEAD Ø	R	3.20	81.3
ROTOR Ø	S	2.95	74.8
ROTOR CATCH STEM Ø	T	2.13	54.0

This information is for reference only.

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.