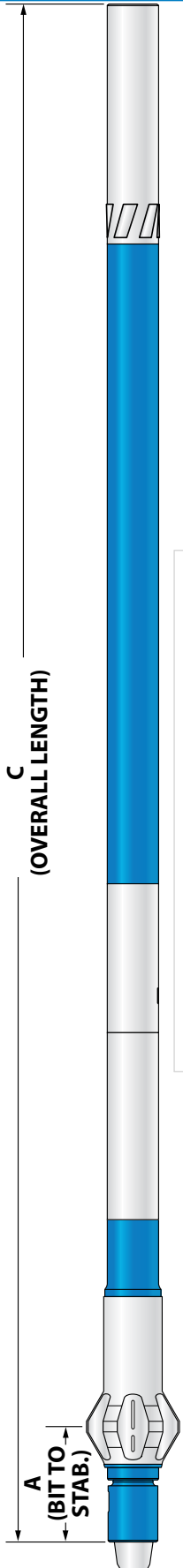
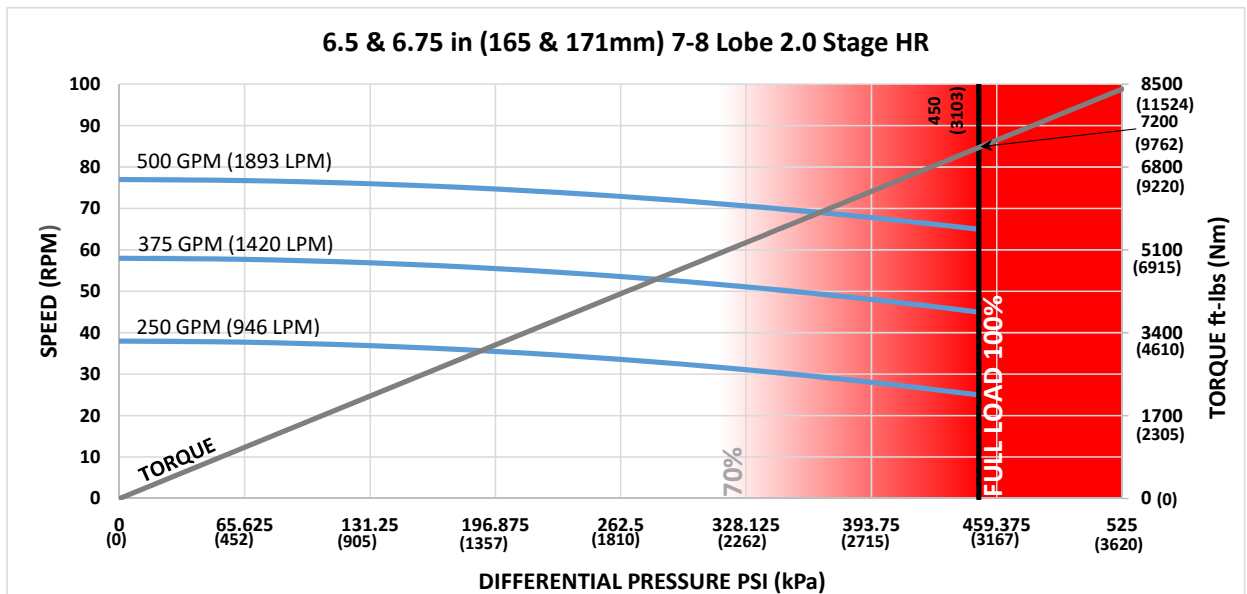


7 in (178mm) Bottom w/ 6.75 in (171mm) 7-8 Lobe 2.0 Stage HR RS FLEXSHAFT - MUD LUBE



Bit Size Range	8-1/2 - 9-7/8 in	216 - 251 mm
Downhole Connection	4-1/2 REGULAR	
Dynamic Bearing Load On/Off Bottom	100357 lbf	44600 daN
Static Bearing Load On/Off Bottom	355612 lbf	158200 daN
Max. Overpull (For Re-run)	432800 lbf	192500 daN
Absolute Overpull	721400 lbf	320900 daN
Stab/Thread Protector Makeup Torque	12000 ft-lbs	16300 Nm
A = Bit to Stabilizer (Centre)	20.4 in	0.52 m
C = Overall (With Rotor Catch Float Sub)	319.2 in	8.11 m
Weight	2535 lb	1150 kg



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

Lobe Configuration	7-8 Lobe 2.0 Stage HR	
Displacement (No Load)	0.154 rev/gal	0.04 rev/l
Max. Differential (Full Load)	450 psi	3103 kPa
Max. Torque	7200 ft-lbs	9762 Nm
Max. Power	89 HP	66 kW

Flow Rate		Speed
GPM	LPM	RPM
250	946	25 - 38
375	1420	45 - 58
500	1893	65 - 77

This information is for reference only.

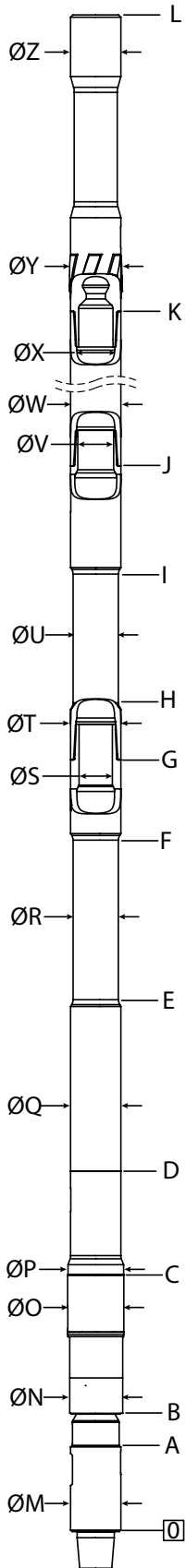
RS FLEXSHAFT Motors are available with Integral Blade Bearing Housings or Screw-On Style Stabilizers.

Contact your local DYNOMAX office for Stabilizer Sizes and Availability.

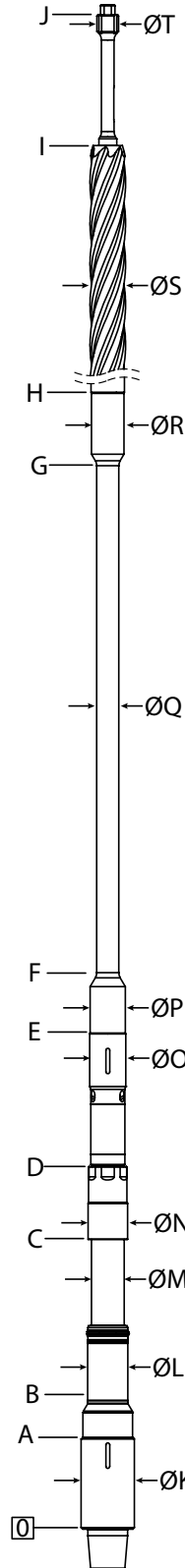
7 in (178mm) Bottom w/ 6.75 in (171mm) 7-8 Lobe 2.0 Stage HR RS FLEXSHAFT - MUD LUBE

FISHING DIMENSIONS

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



EXTERNALS		USC	SI
LOWER HSG. FLOW REST.	A	14.2	0.36
BEARING HSG. START	B	19.0	0.48
STABILIZER SHOULDER	C	35.9	0.91
STRAIGHT HOUSING	D	43.2	1.10
STRAIGHT HOUSING FLEX START	E	66.3	1.68
STRAIGHT HOUSING FLEX END	F	89.0	2.26
ADAPTOR HOUSING	G	100.7	2.56
ADAPTOR HOUSING FLEX START	H	108.6	2.76
ADAPTOR HOUSING FLEX END	I	121.8	3.09
STATOR START	J	132.7	3.37
STATOR END	K	286.2	7.27
OVERALL LENGTH	L	319.2	8.11
BIT BOX Ø	M	7.00	177.8
LOWER HSG. FLOW REST. Ø	N	7.15	181.6
THREAD PROTECTOR Ø	O	7.85	199.4
BEARING HOUSING SHOULDER Ø	P	7.15	181.6
STRAIGHT HOUSING Ø	Q	7.15	181.6
STRAIGHT HOUSING FLEX Ø	R	6.45	163.8
STRAIGHT HOUSING PIN Ø	S	5.04	128.0
ADAPTOR HOUSING Ø	T	7.15	181.6
ADAPTOR HOUSING FLEX Ø	U	6.45	163.8
ADAPTOR HOUSING PIN Ø	V	4.80	121.9
STATOR Ø	W	6.75	171.5
STATOR ID Ø	X	5.50	139.7
HARDFACING Ø	Y	7.00	177.8
ROTOR CATCH FLOAT SUB Ø	Z	6.81	173.0



INTERNALS		USC	SI
BIT BOX	A	9.0	0.23
LOWER SHAFT FLOW REST.	B	23.9	0.61
COMPRESSION NUT.	C	33.9	0.86
BEARING ASSEMBLY ADAPTOR	D	41.1	1.04
DRIVESHAFT START	E	56.1	1.42
DRIVESHAFT FLEX START	F	64.2	1.63
DRIVESHAFT FLEX END	G	122.0	3.10
ROTOR START	H	132.5	3.37
ROTOR END	I	279.8	7.11
ROTOR CATCH END	J	297.3	7.55
BIT BOX Ø	K	7.00	177.8
FLOW RESTRICTOR Ø	L	5.50	139.7
MANDREL Ø	M	4.36	110.7
COMPRESSION NUT Ø	N	5.30	134.6
BEARING ASSEMBLY ADAPTOR Ø	O	5.15	130.8
DRIVESHAFT LOWER HEAD Ø	P	4.65	118.1
DRIVESHAFT FLEX Ø	Q	3.13	79.5
DRIVESHAFT UPPER HEAD Ø	R	4.22	107.2
ROTOR Ø	S	4.32	109.7
ROTOR CATCH STEM Ø	T	3.19	81.0

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.