



Bay #4, 4452 – 64th Avenue S.E
 Calgary T2C 2B3
 Canada
 Office: (403)-720-6299

www.mazzinc.com

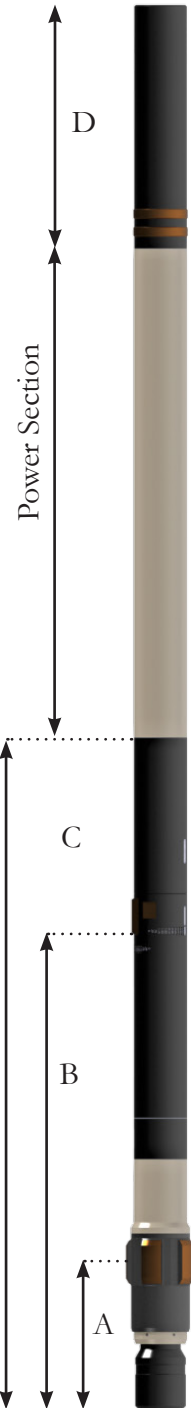
Mudlube Drilling Motors

The “**Element**” Mud Lube Motor design is based on simplistic, yet robust components designed through years of experience in the industry. Major components are designed to last through every drilling application and extended service life while minor components are built for cost effective impacts to reduce costs per hour to the operator.

The **E-ML** Series features oversized angular contact bearings for on and off bottom loads, as well as radial loads during side loading applications. The EOT Drivelines handle all power section providers stall torque ratings as well as RPM outputs.

E-ML Motors are the choice for high temperature, high solid, and for all drilling fluid applications.

All “**Element**” Bearing Sections are compatible with the EDS Driveline assembly, as well as Adjustable, Fixed Housing and Rotor Catch assemblies.



	4 3/4" / 5"	6 1/2" / 6 3/4"	7 3/4" / 8"	9 5/8"
(A) Bit Box to STAB	12.75"	14.75"	22.25"	23.25"
in – m	.32 m	.37 m	.57 m	.59 m
(B) Bit Box to Bend, ADJ.	47.7"	58"	71.2"	78.3"
in – m	1.21 m	1.47 m	1.81 m	1.99 m
(B) Bit Box to Bend, FIX	37.25"	45.5"	57.5"	63.5"
in – m	0.94 m	1.16 m	1.46 m	1.61 m
(C) Bit Box to Stator	68.80"	82.5"	98.9"	109.3"
in – m	1.75 m	2.10 m	2.51 m	2.78 m
Power Section	REFER TO MANUFACTURERS SPECS			
(D) Rotor Catch	25"	30"	40.5"	40.5"
in – m	.54 m	.76 m	1.08 m	1.08 m
(E) Effective Pad Diameter	5.13"	7.12"	8.37"	10.14"
in – mm	130mm	180mm	213mm	258 mm
On Bottom Load	60,000 lbs	130,000 lbs	150,000 lbs	190,000 lbs
lb – daN	26,690 daN	57,825 daN	66,275 daN	84,515 daN
Off Bottom Load	60,000 lbs	130,000 lbs	150,000 lbs	190,000 lbs
lb – daN	26,690 daN	57,825 daN	66,275 daN	84,515 daN
Max Torque Capacity	13,500 ft – lb	26,000 ft – lb	39,000 ft – lb	42,000 ft – lb
Ft-lb – Nm	18,303 Nm	35,251 Nm	52,876 Nm	56,944 Nm
Bit Box Conn.	3 1/2" Reg	4 1/2" Reg	6 5/8" Reg	7 5/8" Reg

* Tool specifications are subjected to change without prior notice, please contact Engineering / sales for detailed information and available options