



Sealed Drilling Motors Conventional and Disposable Designs (small diameter)

The **“Element”** Sealed Bearing 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-SBSD** Series features oversized axial bearings for on and off bottom loads, as well as DU Bushings to handle radial loads during side loading applications. The EOT Drivelines handle all power section providers stall torque ratings as well as RPM outputs.

E-SBSD Motors are the choice for All Drilling Applications from vertical to extended reach horizontals, workovers and drillouts.

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

	1 11/16"	2 1/8"	2 7/8"	3 1/2"	3 3/4"
(A) Bit Box to STAB in – m	NA	NA	NA	NA	NA
(B) Bit Box to Bend, ADJ. in – m	NA	NA	37.4" .95m	45" 1.14 m	45" 1.14 m
(B) Bit Box to Bend, FIX in – m	NA	NA	30.4" .77m	37.6" .96m	37.6" .96m
(C) Bit Box to Stator in – m	34.4" .87m	37.4" .95m	52.8" 1.34m	60.9" 1.55m	60.9" 1.55m
Power Section	REFER TO MANUFACTURERS SPECS				
On Bottom Load lb – daN	4,200lb 1,870 daN	9,360lb 4,193 daN	13,280lb 5,910 daN	23,150lb 10,300 daN	23,150lb 10,300 daN
Off Bottom Load lb – daN	4,200lb 1,870 daN	9,360lb 4,193 daN	13,280lb 5,910 daN	23,150lb 10,300 daN	23,150lb 10,300 daN
Max Torque Capacity Ft-lb – Nm	275 ft-lb 370 Nm	625 ft-lb 850 Nm	2,200 ft-lb 2,980 Nm	2,700 ft-lb 3,660 Nm	2,700 ft-lb 3,660 Nm
Bit Box Conn.	AW-ROD	1 1/2 MT	2 3/8" REG	2 3/8" REG	2 7/8" REG

