



DynoMax supplies leading performance drilling products engineered for the oil and gas industry. We provide high value products and services for vertical, directional and horizontal drilling operations worldwide.

Our product lines include Mud Motors, Shock Tools, Drilling Jars and Slide Reamers, which bear our industry-leading technologies backed by experience in the field—tools that are built for extended uses. Our QA/QC Program ensures that every tool meets or exceeds expectations in the field.

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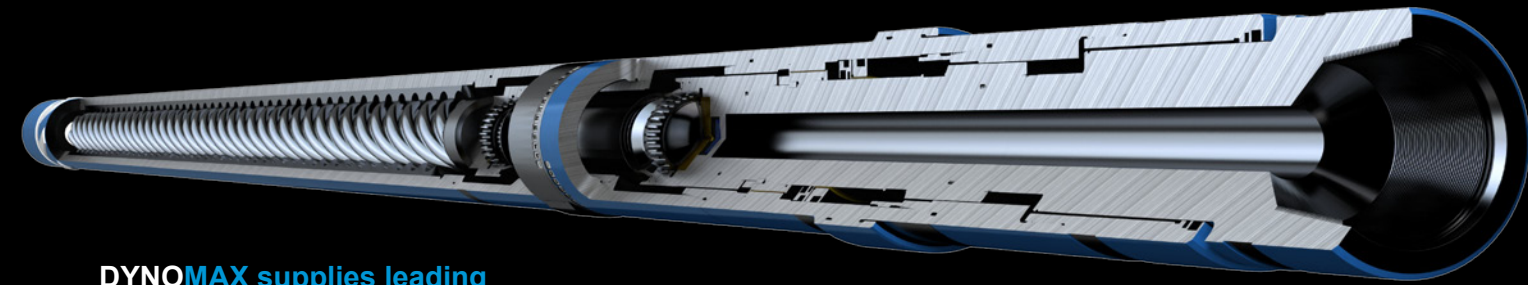
CORPORATE

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DynoMax Corporate Head Office
is proud to be
ISO 9001 Quality Certified.

DYNOMAX Drilling Motors



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BEARING SECTION

- Sealed Oil lubricated Bearing Assembly
- Can accommodate the use of screw on stabilizers, or kick pads
- Flow restrictors design allows for a near balanced condition in bearing assembly seals
- Designed to achieve expected build rates while maintaining a lasting oil reserve for longer runs

BEND HOUSING (ADJUSTABLE OR FIXED)

- Standard Adjustable config. allows to adjust the bend setting on site from 0 – 3 degrees in 13 increments
- Offer either conventional hard band kick pads or TCI inserts with a gradual dome to help with steering, hole cleaning and eccentric wear
- Offer fixed bend housing configurations which will shorten the bit to bend of the tool

DRIVE SHAFT

- Splined Drive Shaft Design to provide a vibration- free transmission of power through the motor

TOP CONNECTION

- Can provide with helical hard banding to help enhance getting cuttings to surface, limit drag and protecting the stator as well as expensive BHA assets nearby
- Float bore available to eliminate the need for a specific float sub
- Rotor catch available (allows flow through when engaged)
- Flex Subs for med. to high deviation
- Dump valve available upon request



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Available Sizes and Specifications on Reverse Side

	3-1/8	3-3/4
MOTOR OD	3-1/8 Inch (79 mm)	3-3/4 Inch (95 mm)
BIT SIZE RANGE	3-7/8 - 4-1/2 (98 - 114 mm)	4-3/4 - 5-7/8 (121 - 149 mm)
BIT BOX CONNECTION	2-3/8 REGULAR	2-7/8 REGULAR
A = BIT TO STABILIZER (CENTER)	N/A	10.0 Inch (254 mm)
B = BIT TO BEND - ADJUSTABLE	42.6 Inch (1,082 mm)	50.3 Inch (1,276 mm)
B = BIT TO BEND - FIXED	33.8 Inch (859 mm)	41.5 Inch (1,054 mm)
SERIES		
A = BIT TO STABILIZER (CENTER)		
B = BIT TO BEND - ADJUSTABLE		
B = BIT TO BEND - FIXED	33.8 Inch (859 mm)	41.5 Inch (1,054 mm)
C = OVERALL (WITH DUMP SUB)		
ADJUSTABLE MAKEUP TORQUE	2,500 ft.lbs (3,390 Nm)	3,500 ft.lbs (4,745 Nm)
BEARING LOAD ON BOTTOM	Dynamic = 28,230 lbs (12,832 kg) Static = 83,280 lbs (37,855 kg)	Dynamic = 31,850 lbs (14,477 kg) Static = 104,000 lbs (47,273 kg)
BEARING LOAD OFF BOTTOM	Dynamic = 28,230 lbs (12,832 kg) Static = 83,280 lbs (37,855 kg)	Dynamic = 31,850 lbs (14,477 kg) Static = 104,000 lbs (47,273 kg)
MAX. OVERPULL (FOR RE-RUN)	83,000 lbs (37,727 kg)	100,000 lbs (45,455 kg)
ABSOLUTE OVERPULL	150,000 lbs (68,182 kg)	180,000 lbs (81,818 kg)

	6-3/4 SH	8
MOTOR OD	7 Inch (178 mm)	8 Inch (203 mm)
BIT SIZE RANGE	8-1/2 - 9-7/8 (216 - 251 mm)	9-1/2 - 10-1/2 (241 - 311 mm)
BIT BOX CONNECTION	4-1/2 REGULAR	6-5/8 REGULAR
SERIES	SERIES 1	SERIES 1
A = BIT TO STABILIZER (CENTER)	16.6 Inch (406 mm)	19.3 Inch (489 mm)
B = BIT TO BEND - ADJUSTABLE	76.7 Inch (1,948 mm)	86.9 Inch (2,207 mm)
B = BIT TO BEND - FIXED	63.7 Inch (1,617 mm)	72.3 Inch (1,836 mm)
SERIES	SERIES 2	SERIES 2
A = BIT TO STABILIZER (CENTER)	14.6 Inch (371 mm)	16 Inch (405 mm)
B = BIT TO BEND - ADJUSTABLE	67.1 Inch (1,705 mm)	74.6 Inch (1,895 mm)
B = BIT TO BEND - FIXED	54.0 Inch (1,373 mm)	60.0 Inch (1,523 mm)
C = OVERALL (WITH DUMP SUB)	325 Inch (8,250 mm)	258 Inch (6,564 mm)
ADJUSTABLE MAKEUP TORQUE	25,000 ft.lbs (33,896 Nm)	40,000 ft.lbs (54,233 Nm)
BEARING LOAD ON BOTTOM	Dynamic = 162,000 lbs (73,636 kg) Static = 510,000 lbs (231,818 kg)	Dynamic = 168,400 lbs (76,545 kg) Static = 592,900 lbs (269,500 kg)
BEARING LOAD OFF BOTTOM	Dynamic = 162,000 lbs (73,636 kg) Static = 510,000 lbs (231,818 kg)	Dynamic = 168,400 lbs (76,545 kg) Static = 592,900 lbs (269,500 kg)
MAX. OVERPULL (FOR RE-RUN)	500,000 lbs (227,273 kg)	590,000 lbs (268,182 kg)
ABSOLUTE OVERPULL	750,000 lbs (340,909 kg)	900,000 lbs (409,091 kg)

5	6-1/2 TRUE	6-1/2 - 6-3/4
5 Inch (127 mm)	6-1/2 Inch (165 mm)	6-1/2 - 6-3/4 (165 - 171 mm)
5-7/8 - 6-3/4 (149 - 171 mm)		7-7/8 - 8-1/2 (201 - 214 mm)
3-1/2 REGULAR		4-1/2 REGULAR
		SERIES 1
12.0 Inch (305 mm)		15.5 Inch (394 mm)
56.5 Inch (1,435 mm)		73.0 Inch (1,854 mm)
46.3 Inch (1,175 mm)		60.0 Inch (1,524 mm)
		SERIES 2
	17 Inch (431 mm)	16.1 Inch (409 mm)
	65.3 Inch (1,659 mm)	65.0 Inch (1,651 mm)
46.3 Inch (1,175 mm)	53.6 Inch (1,361 mm)	52.0 Inch (1,321 mm)
	88.6 Inch (2,250 mm) + PS & DS	322 Inch (8,179 mm)
12,000 ft.lbs (16,270 Nm)	25,000 ft.lbs (33,896 Nm)	25,000 ft.lbs (33,896 Nm)
Dynamic = 60,000 lbs (27,273 kg)	Dynamic = 131,700 lbs (59,738 kg)	Dynamic = 128,000 lbs (58,182 kg)
Static = 183,000 lbs (83,182 kg)	Static = 420,400 lbs (190,690 kg)	Static = 404,000 lbs (183,636 kg)
Dynamic = 60,000 lbs (27,273 kg)	Dynamic = 131,700 lbs (59,738 kg)	Dynamic = 128,000 lbs (58,182 kg)
Static = 183,000 lbs (83,182 kg)	Static = 420,400 lbs (190,690 kg)	Static = 404,000 lbs (183,636 kg)
175,000 lbs (79,545 kg)	467,500 lbs (212,054 kg)	400,000 lbs (181,818 kg)
350,000 lbs (159,091 kg)	850,000 lbs (385,554 kg)	750,000 lbs (340,909 kg)

9-5/8	11-1/4
9-5/8 Inch (244 mm)	11-1/4 Inch (286 mm)
12-1/4 - 17-1/2 (311 - 445 mm)	16 - 24 (406 - 610 mm)
6-5/8 - 7-5/8 REGULAR	7-5/8 REGULAR
18.0 Inch (457 mm)	22.0 Inch (559 mm)
87.7 Inch (2,226 mm)	94.4 Inch (2,398 mm)
72.8 Inch (1,848 mm)	78.3 Inch (1,988 mm)
60,000 ft.lbs (81,349 Nm)	75,000 ft.lbs (101,687 Nm)
Dynamic = 241,000 lbs (109,545 kg)	Dynamic = 400,000 lbs (181,818 kg)
Static = 850,000 lbs (386,364 kg)	Static = 1,400,000 lbs (636,364 kg)
Dynamic = 241,000 lbs (109,545 kg)	Dynamic = 400,000 lbs (181,818 kg)
Static = 850,000 lbs (386,364 kg)	Static = 1,400,000 lbs (636,364 kg)
800,000 lbs (363,636 kg)	1,350,000 lbs (613,636 kg)
1,300,000 lbs (590,909 kg)	2,500,000 lbs (1,136,364 kg)