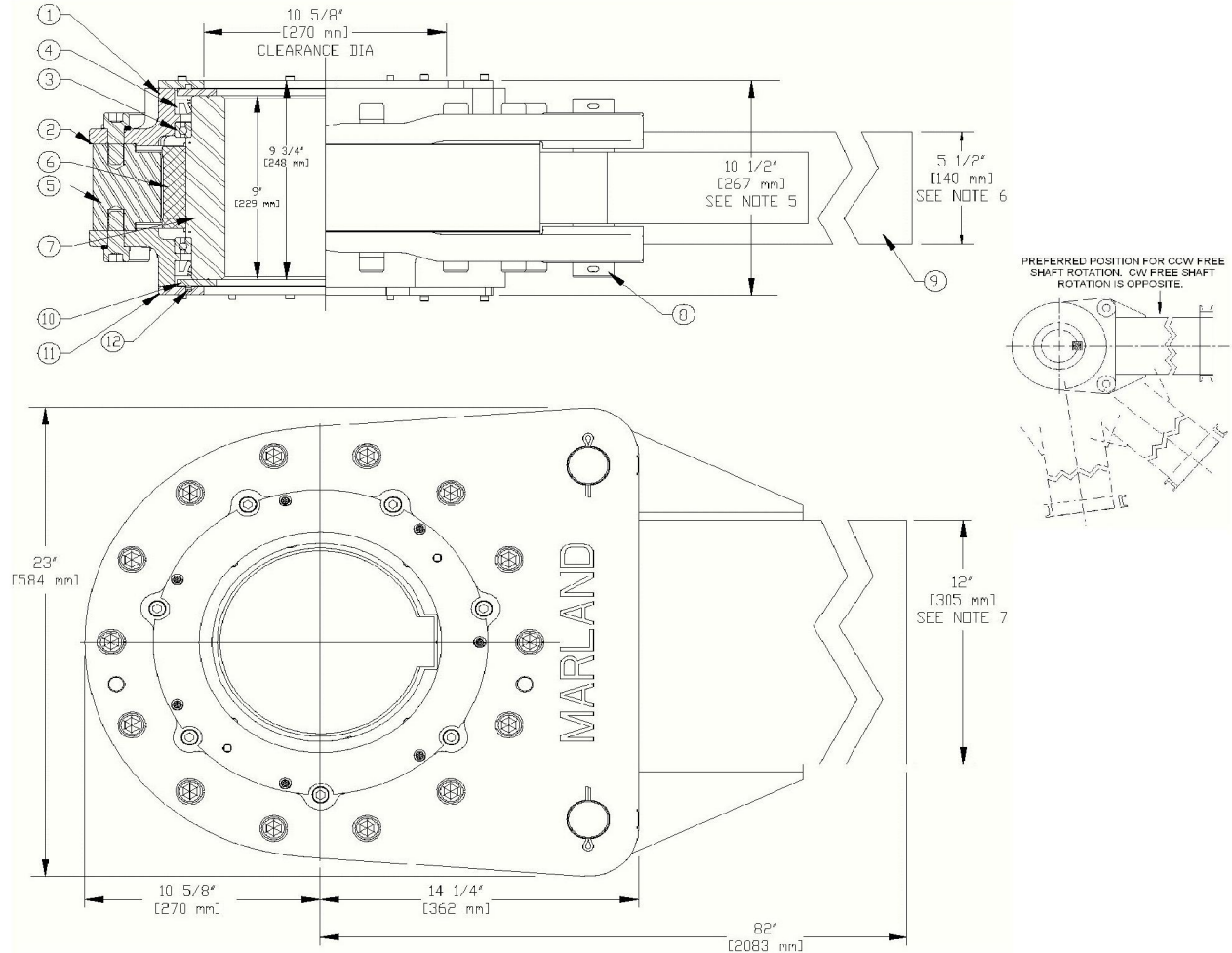


MARLAND ONE-WAY BACKSTOP

TYPE BC-90MA

RATED TORQUE	"L" LOAD	POWER / 100 RPM	SHIP WEIGHT
90,000 LB-FT	12,200 LB	1,715 HP	1,130 LB
121,950 Nm	5,970 KG	1,279 KW	510 KG

PART	DESCRIPTION	PART	DESCRIPTION	PART	DESCRIPTION
1	COVERPLATE	5	OUTER RACE	9	TORQUE ARM*
2	GASKET	6	ROLLER ASSEMBLY	10	INNER LABYRINTH
3	BALL BEARING	7	CAM	11	OUTER LABYRINTH
4	OIL SEAL	8	TORQUE ARM PIN	12	GREASE SEAL



NOTES:

- DO NOT USE TAPERED KEYS
- Backstop is symmetrical and can be mounted for desired rotation. Arrow on cam face indicates direction of free shaft rotation. Before mounting on shaft be sure to check direction of free rotation.
- Outer seals only are factory packed with grease. Before placing in operation backstop must be filled internally with recommended oil.
- Oil gauge, fittings, and other piping may be mounted on either side of unit based on clearances and desired set-up
- Allow for 2-1/2" [63.5 mm] clearance on piping side and 1" [25.4 mm] on opposite side for mounting of oil level gauge, fittings, and other piping (both sides)
- Allow for 1-1/2" [38mm] clearance from torque arm bracket to torque arm for axial positioning
- Allow for 1/2" [13 mm] clearance from torque arm bracket to torque arm to permit backstop to center itself
- See Bulletin BCMA-104-MA for installation, lubrication, and maintenance instructions.
- See Bulletin BCMA OIL-1998-1 for assembly of fittings and gauge.
- Backstop provided with clearance fit between shaft and unit. Backstop Unit should be restrained via collars, keeper plate, and other method.

CERTIFIED CORRECT FOR: STIEBER GMBH	
ORDER No. 724635	DATE: 08/01/01
SERIAL No. 868886A	DATE: 08/01/01
MOTOR POWER: N/A	RPM: N/A
BORE: 9.0025/9.0040	KEYWAY: 2-1/2X3/4
DRAWING No. A-BC-90MA-868886A	FORM No. BC-MA-9702

*TORQUE ARM NOT INCLUDED

INCLUDES: KEY 2-1/2 X 2 X 9-5/8

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