



COOLING TOWER GEARBOX SEALS



ISOMAG bearing seals eliminate the problems caused by leaking oil from cooling tower gearbox input shaft seals.

Put an end to the oily mess in your cooling tower water.

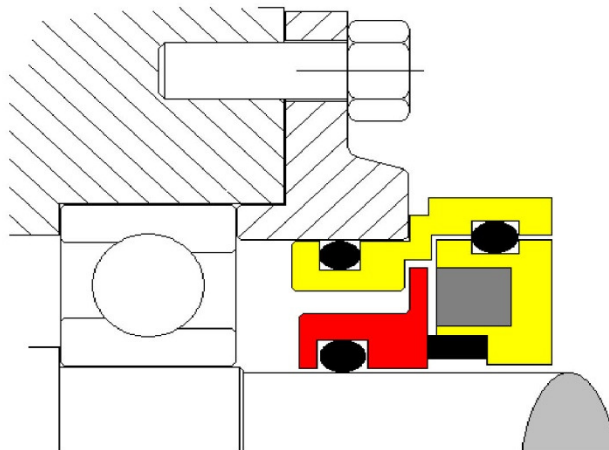
Reduce water treatment chemical usage.

Reduce maintenance costs.

ISOMAG lapped flat face sealing technology seals in lubricating oil better and longer than lip seals.

ISOMAG MAGNUM seals are designed to last for years and **not damage your shaft**. They work as a compact one-piece unit that installs as easily as a lip seal.

Our **MAGNUM-G** seal features all metal primary construction and internal magnetically loaded sealing faces with **no exposed moving parts**.



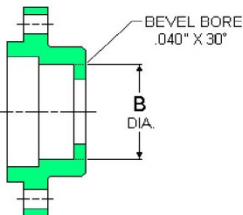
U.S. Patents
5,730,447
6,805,358



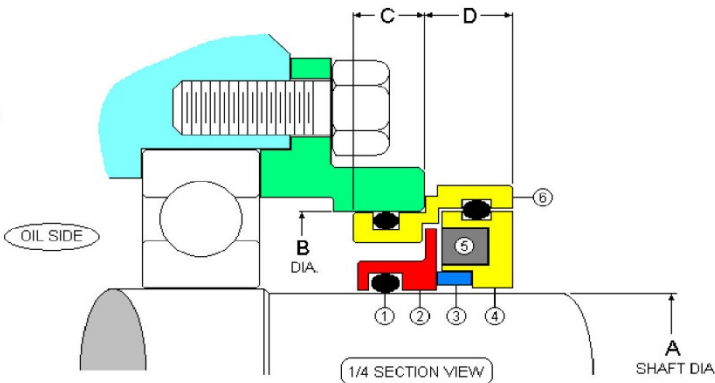
TYPICAL ASSEMBLY DRAWING TO FIT MARLEY TYPE GEARBOXES

MARLEY GB SERIES	ISOMAG SEAL ASSY. CODE	A	B	C	D
2000	1125MG2062	1.125	2.062	.310	.375
2200	1375MG2375	1.375	2.375	.310	.375
2400	1625MG2625	1.625	2.625	.310	.375
2700	1875MG3000	1.875	3.000	.310	.375
3000	2000MG3000	2.000	3.000	.310	.375
3200 / 3400	2375MG3500	2.375	3.500	.340	.400
4000	2625MG3750	2.625	3.750	.340	.400
	STD. FLANGED SEALS	+ .002 - .002	+ .002 - .000		

PRIOR TO INSTALLATION.
 *LUBRICATE O-RINGS
 *RECOMMENDED SHAFT FINISH 32 RMS
 *BREAK ALL SHARP EDGES ON SHAFT AND BORE TO AVOID CUTTING O-RINGS DURING INSTALLATION.




BEVEL BORE
.040" X 30"
B DIA.
MODIFY PINION COVER PLATE AS SHOWN



OIL SIDE
B DIA.
A
SHAFT DIA.
1/4 SECTION VIEW
1 2 3 4 5 6

ISOMAG IS NOT AFFILIATED WITH MARLEY, INC.

CUSTOMER DATA		HOST EQUIPMENT DATA		ITEM	MATERIAL	U.S. PATENTS 5,730,447 6,805,358		
		MARLEY TYPE RIGHT ANGLE GEARBOX INPUT SHAFT / PINION SEALS		1	O-RINGS	 DURABLE BY DESIGN MAGNUM-G BEARING SEALS TYPE: STANDARD FLANGED		
				2	ROTARY FACE			VITON
				3	STATIONARY FACE			17-4 PH
				4	STATIONARY FACE			COMPOSITE
				5	MAGNETS			BRONZE
				6	ADAPTER METAL			RARE EARTH
				7				BRONZE
				8				
				9				
REVISIONS	DATE	ALL HOST EQUIPMENT DIMENSIONS HAVE BEEN SUPPLIED BY CUSTOMER. ISOMAG CORP. DOES NOT VERIFY HOST EQUIPMENT DIMENSIONS AND OR FIT. CUSTOMER ACCEPTS PRODUCT AS DRAWN.		CK. BY	DR. BY	DATE	P.I.N.	
						OCT 29, 2008	DWG #	

Marley GB Series	ISOMAG ASSY. CODE	PART NUMBER
2000	1125MG2062	0004056
2200	1375MG2375	0004057
2400	1625MG2625	0004058
2700	1875MG3000	0004059
3000	2000MG3000	0002903
3200 / 3400	2375MG3500	0003815
4000	2625MG3750	0004060

Marley is one of many cooling tower gearbox producers. Isomag produces thousands of seal sizes. Tell us your shaft and bore diameter and we will build seals to fit your equipment.