



DURABLE BY DESIGN

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.

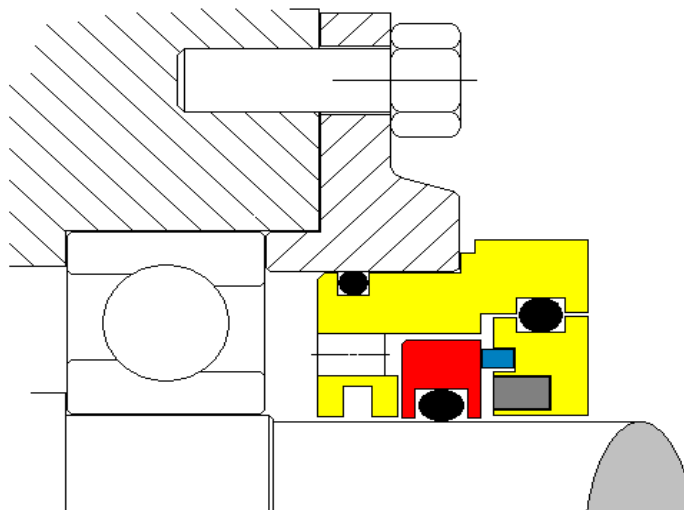
Reduce water treatment chemical usage.

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-P V6** 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

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Website: www.isomag.com





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TYPICAL ASSEMBLY DRAWING TO FIT MARLEY TYPE GEARBOXES

Marley GB Series	ISOMAG ASSY. CODE	A	B	C	D
2000	1125MP2062 V6	1.125	2.062	0.375	0.375
2200	1375MP2375 V6	1.375	2.375	0.375	0.375
2400	1625MP2625 V6	1.625	2.625	0.375	0.375
2700	1875MP3000 V6	1.875	3.000	0.375	0.375
3000	2000MP3000 V6	2.000	3.000	0.375	0.375
3200 / 3400	2375MP3500 V6	2.375	3.500	0.440	0.400
3600 / 4000	2625MP3750 V6	2.625	3.750	0.440	0.400
	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.

1/4 SECTION VIEW

A SHAFT DIA.

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	VITON	DURABLE BY DESIGN	
				2 ROTARY FACE	17-4 PH		
				3 STATIONARY FACE	COMPOSITE	MAGNUM P V6 BEARING SEALS TYPE: STANDARD FLANGED	
				4 STATIONARY METAL	BRONZE		
				5 MAGNETS	RARE EARTH		
				6 ADAPTER METAL	BRONZE		
				7			
				8			
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.
					M.D.	05-31-2012	DWG #

Marley GB Series	ISOMAG ASSY. CODE	PART NUMBER
2000	1125MP2062 V6	0006234
2200	1375MP2375 V6	0005646
2400	1625MP2625 V6	0005661
2700	1875MP3000 V6	0005841
3000	2000MP3000 V6	0005581
3200 / 3400	2375MP3500 V6	0006135
3600 / 4000	2625MP3750 V6	0005660

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.

