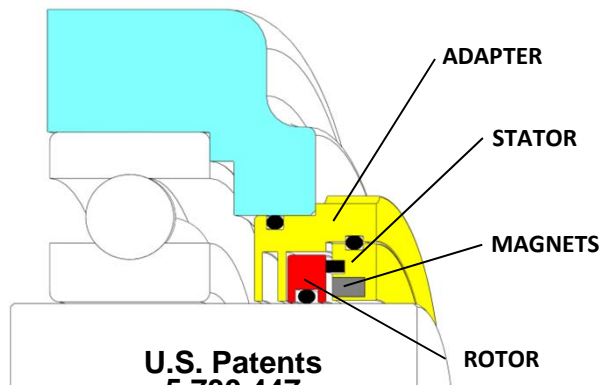
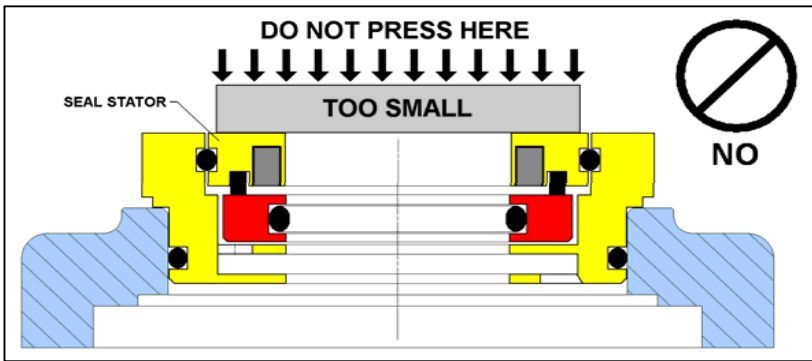
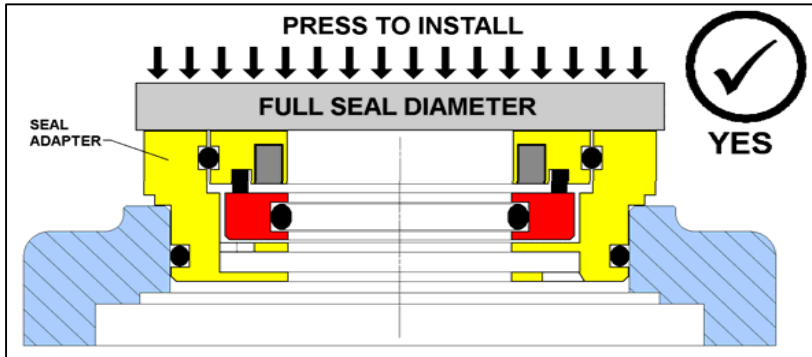


PRESS ON SEAL ADAPTER TO INSTALL



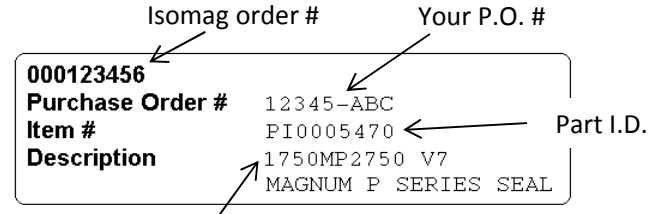
U.S. Patents
5,730,447
6,805,358

ISOMAG INSTALLATION GUIDE MAGNUM

CARTRIDGE OIL SEALS

Thank you for choosing Isomag oil seals for your bearing and environmental protection. Please use this installation guide as a reference to assure maximum seal life in your installation.

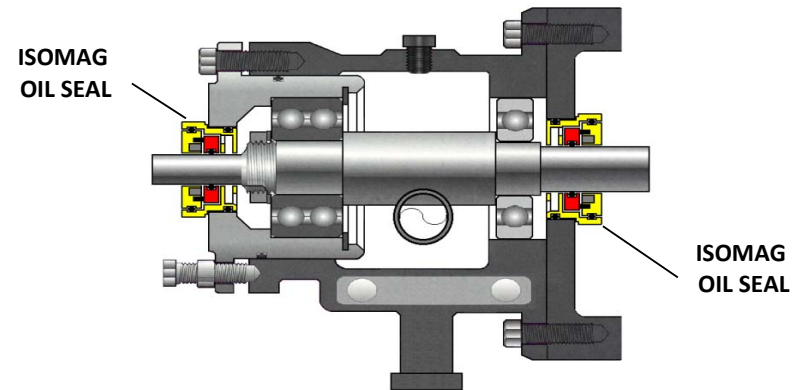
HOW TO READ THE BOX LABEL:



Assembly code & description

How to read the assembly code:

- 1750 = Seal fits 1.750" shaft dia.
- MP = Seal model
- 2750 = Seal fits 2.750" housing bore dia.
- V7 = Seal series



TYPICAL ANSI PUMP

ISOMAG

11871 Dunlay Lane
Baton Rouge, LA 70809

Phone: 225-752-0926
Fax: 225-756-3141
Website: isomag.com

STEP #1

CHECK HOST EQUIPMENT MECHANICAL CONDITION

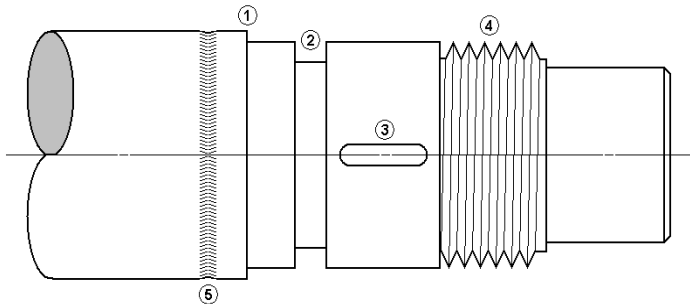
1. Shaft diameter +/- .002" tolerance
2. Shaft run out .002" per inch of diameter @ 1800 rpm
3. Shaft surface finish 32 rms or better, smooth & defect free
4. Housing bore diameter +.002", -.000" tolerance
5. Housing bore roundness .002" tolerance
6. Housing bore concentric with shaft less than .020"
7. Housing face square to shaft .001" per inch of diameter
8. Housing bore surface condition smooth & defect free

STEP #2

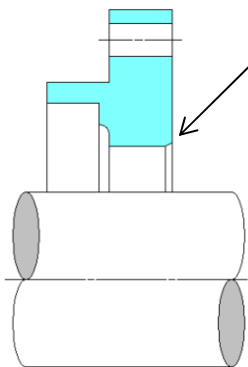
PREPARE HOST EQUIPMENT

1. Clean, inspect & measure shaft and housing
2. Break or smooth all sharp edges
3. Remove all old oil, lubricants and contaminants

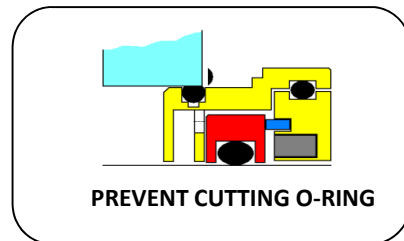
SHARP CORNERS CUT O-RINGS & MAKE LEAK PATHS



(1.) Sharp corners, (2.) grooves, (3.) keyways and (4.) threads may cut rotor o-ring during installation. (5.) Fret groove made by lip seal or labyrinth may cause seal to leak.



**BEVEL HOUSING BORE
.030" X 30° RECOMMENDED**



PREVENT CUTTING O-RING

STEP #3

ASSEMBLY LUBRICANT

1. Use a recognized o-ring lubricant or the host equipment operating oil. Glycerin, petroleum jelly and other food or cosmetic products are not recommended.
2. **DO NOT USE ANTI-SIEZE PRODUCTS**
3. Liberally lubricate the equipment shaft.
4. Lubricate the equipment housing bore and Isomag seal adapter o-ring.

SEAL ORIENTATION SEALS INSTALLED ON HORIZONTAL SHAFT

