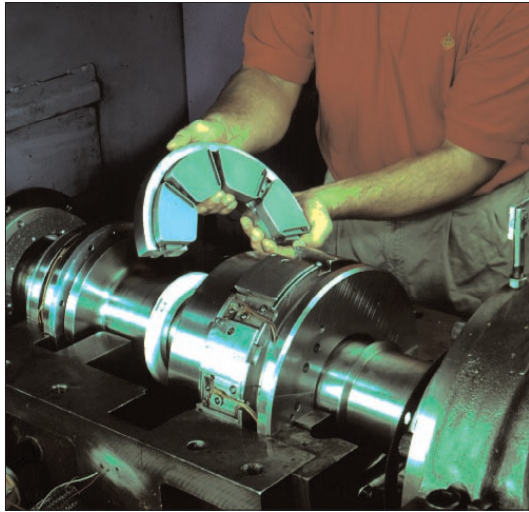


BEARING HOUSING REQUIREMENTS

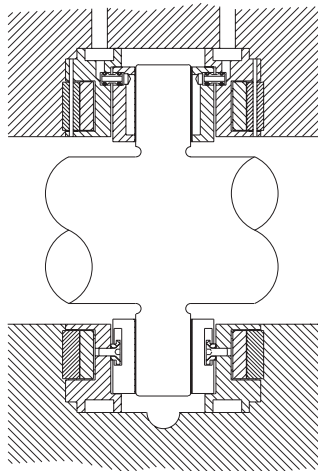
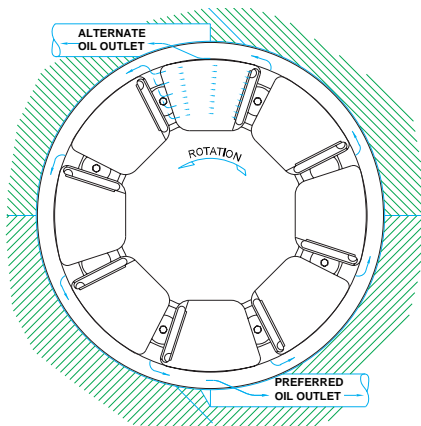
The bearing housing requirements for the LEG SlimLine bearing are similar to those of standard thrust bearings. The use of oil seals is not required since the inlet oil is confined to passages within the carrier ring assembly. Fresh oil enters the bearing through an annulus located at the outside diameter of the base ring. The discharge space should be large enough to minimize contact between the discharged oil and the rotating collar. The discharge oil outlet should be amply sized so that oil can flow freely from the bearing cavity.

We recommend a tangential discharge opening, equal in diameter to 80% of the recommended collar thickness. If possible, the discharge outlet should be located in the bottom of the bearing housing. Alternately, it should be located tangential to collar rotation.



SlimLine's split-ring design simplifies installation.

OIL DISCHARGE CONFIGURATION



*Note:
Size inlet orifices for
required oil flow at
0.5 atmosphere
pressure.