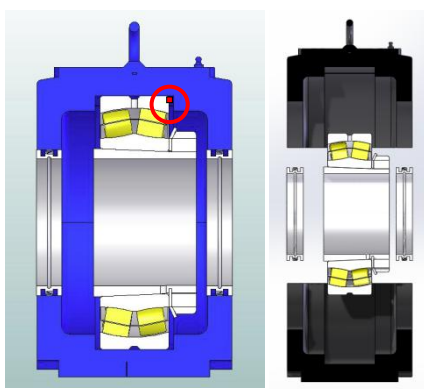




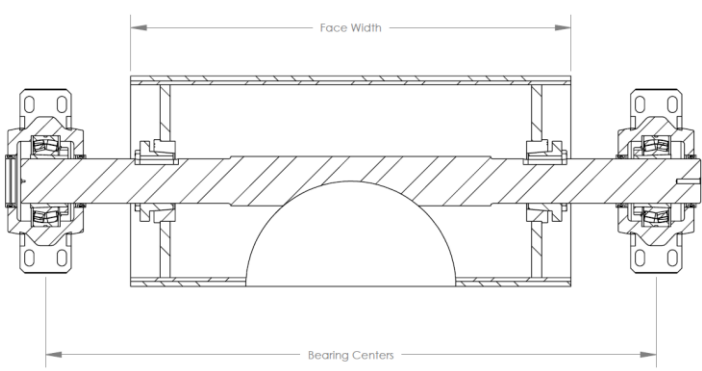
Bearing Housing Identification

The shafting will receive a set of 2 bearings; 1 fixed (aka held, locating, or expanded), and 1 floating (aka free, non-locating, or non-expanded). The fixed bearing will include a stabilizer ring located where circled in red below, to restrict axial displacement. One bearing will be installed floating to allow minimal axial displacement for conditions such as thermal expansion.



Bearing Housing Installation

Per drawings, bearings should be mounted and installed on shafts within $\pm \frac{1}{16}$ " of the specified "bearing centers". Some field adjustment may be required. Van Gorp recommends moving the floating bearing housing first to attempt achievement of the $\pm \frac{1}{16}$ " tolerance.



Bearing Seals' Checking

Van Gorp recommends checking clearance of seal carrier, containing a contact, felt, and/or taconite seal to the shaft. Use of a feeler gage or dial indicator reader will ensure greatest measurement accuracy during investigation. Seal example types pictured below:



Seal 1 Labyrinth



Seal 2 Posi-Trac



Seal 3 Taconite

Greasing Tips

Pillow block housings should usually be packed 1/3 to 1/2 the way full with grease. If the pillow blocks will be in storage or inventory for an extended period of time, it may be recommended to fully fill the housing with grease to prevent other contaminants and moisture from entering the bearing housings at its storage location.

