### DESIGN CONSIDERATIONS FOR DYMAT® (TYPE 2) SLIDING BEARINGS

1. Total dead plus live load on bottom pad maximum of 2000 psi with maximum dead load of 1700 psi.
2. Maximum deflection at 2000 psi is approximately 10% of thickness of bottom pad. Design for 2% rotation in / direction (see drawing).
3. Design coefficient of friction of:
   - A) 1000 to 1500 psi at .04
   - B) 1500 to 3000 psi at .03
   (See chart for initial coefficient of friction for first movement).
4. Complete bearing assembly capable of test to 10,000 psi for five minutes with no visible damage.
5. Recommended operating temperature range -70°F to 200°F.
6. Special polyurethane meets DYMAT® material specification. Specification is available on request.
7. All other details and installation same as Type 1 Bearings.

### (B) DYMAT® (TYPE 2) SLIDING BEARINGS

**Description**

The top plate of this bearing is ASTM A36 or 040.21 steel plate ¼ to 1 inch thick with a 304 stainless steel highly polished bright annealed lower surface. The stainless steel sheet is continuously welded to the steel plate.

**Bottom Pad**

The bottom pad is high quality polyurethane developed specially for application. The Teflon® sheet is bonded to ¼ inch thick fiberglass or steel sheet which is moulded into pad. The Teflon® sheet is ½ inch thick virgin Teflon®.

**DETAIL DRAWING OF TYPE 2 SYSTEM**

For connection details see connection detail drawing.

### DESIGN FLEXIBILITY

- Plates and pads can be manufactured to any size required.
- Completely flexible anchorage design.