

STRUCTURAL POT BEARINGS - CUSTOM BRIDGE BEARINGS

STRUCTURAL POT BEARINGS

*All loads in KIPS

Bearings listed are available with Beveled Sole Plate in addition to sole plate provided with bearing and masonry plate with studs, anchor bolts, bolt holes or shear keys.

For additional sizes or load requirements, please contact our engineering department.

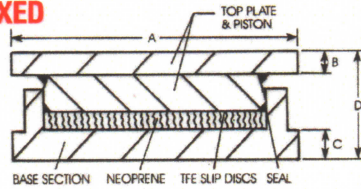
Design Criteria:

1. Steel Type – A588 (Y.P. = 50 KSI)
2. Rotation capacity – .015 radians per AASHTO cod (86°)

3. Maximum pressure on TFE (Free-Moving and Guided) – 3500 psi.
4. Coefficient of friction – .03
5. Lateral Load Capability – 10% of Vertical Load (Fixed and Guided)
6. Movement $\pm 1"$

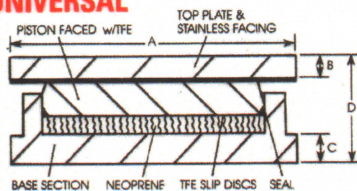
Specifications: For a complete guide specification please consult our engineering department. The above bearings meet the current AASHTO Code requirements for "TFE Bearing Surfaces".

FIXED



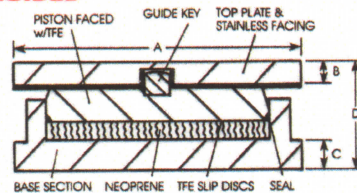
FP	Vertical Load	A	B	C	D
AB-FP-100	100K	8.5	.75	.75	2.88
AB-FP-500	500K	17.25	.96	1.125	4.26
AB-FP-1000	1000K	24	1.33	1.57	5.71
AB-FP-1500	1500K	29.25	1.63	1.95	6.90

UNIVERSAL



F	Vertical Load	A	B	C	D
AB-F-100	100K	8.5	.75	.75	3
AB-F-500	500K	17.25	1.28	1.125	4.71
AB-F-1000	1000K	24	1.75	1.57	6.22
AB-F-1500	1500K	29.25	2.20	1.95	7.59

GUIDED



G	Vertical Load	A	B	C	D
AB-G-100	100K	8.5	.75	.75	3
AB-G-500	500K	17.25	1.28	1.125	4.71
AB-G-1000	1000K	24	1.75	1.57	6.22
AB-G-1500	1500K	29.25	2.20	1.95	7.59

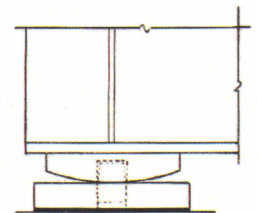
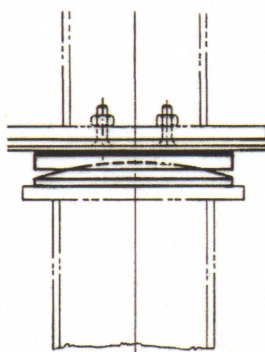
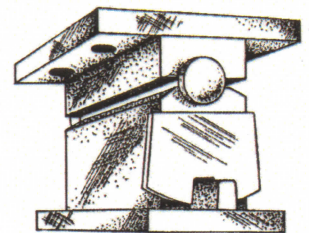
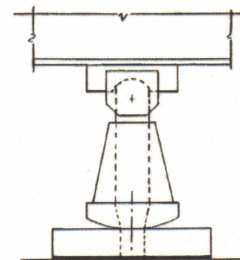
CUSTOM MANUFACTURED BRIDGE BEARINGS

The **AMSCOT Structural Products Corporation** manufactures a complete line of **AMSCOT** Bearings, including all types of Rocker Bearings to DOT and AASHTO and AREA Specifications. These bearing assemblies come complete with Bronze Bearing Fabric Pads (bedding material) and Anchor Bolts, Nuts and Washers to project specifications.

Typical bridge bearing designations:

- PTFE/Stainless Steel Slide Bearings
- PTFE/Stainless Steel Radial Bearings
- Steel Rocker Bearings
- Bronze Slide Bearings
- Bronze Radial Bearings
- Preformed Fabric/PTFE Bearings
- GA-50 Meehanite Bearings

For engineering assistance or pricing information based on your requirements, please contact our engineering department.



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