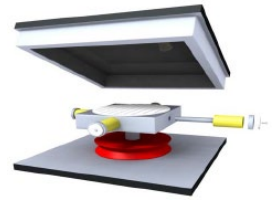




EQS Building Bearing System Design Questionnaire



For a fillable version online, please visit rjwatson.com, hover over the services tab at the top, and click on design services.

Project

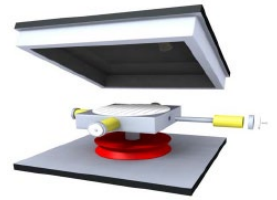
| | |
|------------------------------------|--|
| <i>Name & Contract Number:</i> | |
| <i>Owner:</i> | |
| <i>Consultant:</i> | |
| <i>Contact Information</i> | |
| <i>Name:</i> | |
| <i>Phone:</i> | |
| <i>Email:</i> | |
| <i>EQS Bearing Quantity:</i> | |
| <i>Estimated Project Bid Date:</i> | |

Structure

| | |
|---|--|
| <i>Superstructure Information</i> | |
| <i>Type (Steel or Concrete):</i> | |
| <i>Strength (Yield or Compressive (f'c)):</i> | |
| <i>Beam/Girder Flange Dimensions:</i> | |
| <i>Span Length(s):</i> | |
| <i>Slope at Bearing Locations:</i> | |
| <i>Substructure Information</i> | |
| <i>Type (Steel or Concrete):</i> | |
| <i>Strength (Yield or Compressive (f'c)):</i> | |
| <i>Bearing Pedestal Dimensions:</i> | |
| <i>Bearing Anchorage:</i> | |
| <i>Materials:</i> | |
| <i>Coating:</i> | |
| <i>Embed Depth:</i> | |
| <i>Existing Bearing Heights (If Required to Match Heights):</i> | |



EQS Building Bearing System Design Questionnaire



Design

Design Goal (Rehab, Replace, New Design, etc.):

Design Method (ASD, LFD, or LRFD):

Seismic Design Data

Response Acceleration at Period of 1-sec (S_1):

Site Class Coefficient (F_v):

Seismic Design Category:

Site Specific Response Spectrum (if applicable):

Design Temperature Range:

Specifications (including dates/editions)

AASHTO, AISC, ASCE, etc.

Standard and/or Guide Spec.:

State Standard:

Bearing Materials

Type of Steel:

Coating (paint, galvanize, metalize):

Testing

Specifications (including dates/editions)

AASHTO, AISC, ASCE, etc.

Standard and/or Guide Spec.:

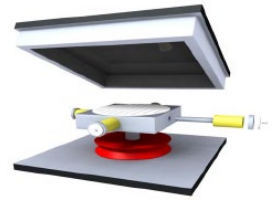
State Standard:

Special Testing Requirements (if applicable):

Please fill in design requirement table on next page.



EQS Building Bearing System Design Questionnaire



Design Requirements

| Units: Load: Displacement: Rotation: | | | Substructure Location(s) | Substructure Location(s) | Substructure Location(s) | Substructure Location(s) |
|--|------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Isolation Bearing Quantity: | | | | | | |
| Load (Denote: Unfactored or Factored) | Axial | Dead: | | | | |
| | | Live: | | | | |
| | | Other: | | | | |
| | | Total: | | | | |
| Net Uplift (If Applicable): | | | | | | |
| Rotation (+/-) (Denote: Unfactored or Factored) | Due to all Applicable Loads: | | | | | |
| | Due to Fab. & Const. Tol.: | | | | | |
| | Total: | | | | | |
| Service Forces (Denote Unfactored or Factored) | Wind: | | | | | |
| | Snow: | | | | | |
| | Other: | | | | | |
| Max Seismic Force Goal (per bearing) | Longitudinal: | | | | | |
| | Transverse: | | | | | |
| Max Seismic Displacement Goal (across bearing) | Longitudinal: | | | | | |
| | Transverse: | | | | | |
| Movement (+/-) | Longitudinal | Thermal, Creep, Shrink: | | | | |
| | Transverse | Thermal: | | | | |
| Method of attachment to superstructure : | | | | | | |
| Method of attachment to substructure: | | | | | | |

If any of the above information is not known at this time, typical assumptions can be used for an estimate. For example, a typical design rotation is ± 0.02 radians.

Please fill out and email this form to sales@rjwatson.com