

FABREEKA® SLIDE BEARINGS

VERSATILE AND RESILIENT

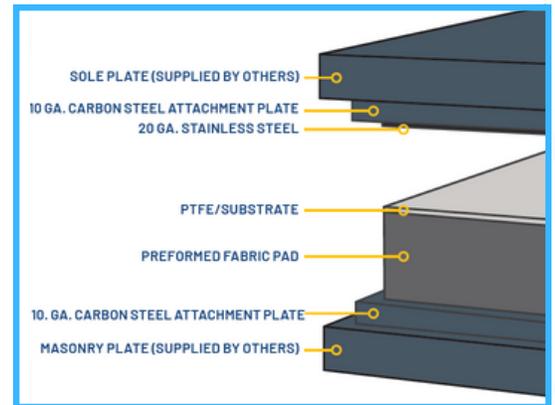
- Fabreeka SBX structural expansion bearing is designed using Fabreeka-PTFE pad in the lower unit to accommodate large rotations and high reaction loads.
- SBX type bearings meet AASHTO and State DOT specifications for fabric reinforced bearings pads with PTFE sliding surface.
- TTX and STX type bearings can use a filled or unfilled PTFE surface as required.
- For corrosive conditions, SBX, STX and TTX type slide bearings are available in Stainless Steel.
- Slotted holes/holes can be provided through assemblies.



SBX TYPE BEARING

STRUCTURAL EXPANSION BEARINGS (SBX)

SBX Structural Expansion Bearings are used when construction tolerances, high load and rotation are prominent with beam spans being excessive. This bearing is the most resilient in our full line of expansion bearings. Ideal applications include bridges and complex structures (i.e. buildings that may be susceptible to vortex shedding).



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ALTERNATIVES AND APPLICATIONS

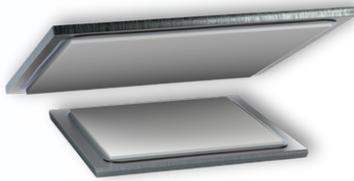


STX



STX Expansion Bearings are used when construction tolerances and loads are moderate. This bearing has an extremely low coefficient of friction, which is exceptional for use where expansion is large. Maximum compressive design stress is 2,000 PSI (14N/mm²).

TTX



TTX Expansion Bearings are used when non-rotational construction tolerances and loads are moderate. This bearing has a higher coefficient of friction than the STX Bearing and is used where expansion criterion is limited. Maximum compressive design stress is 2,000 PSI (14N/mm²).

GGX



GGX Expansion Bearings are used when temperature is a factor in excess of 275°F. The GGX Expansion Bearings achieve effective performance in environments where temperatures range from -50°F to 700°F. Maximum compressive design stress is 2,000 PSI (14N/mm²). The minimum thickness of carbon steel and graphite is 1/4".

APPLICATIONS

- Pedestrian Bridges
- Parking Garages
- Pipelines
- Small Buildings
- Slip/Expansion Joints

- Tanks
- Vessels
- Slip Joints
- Expansion Joints

- Steam Pipelines
- High Temp. Vessels
- Chemical Tanks

