

deva.tex[®] *Standard* MARINE



● Pure sliding layer
Special heat cured resin
containing solid lubricants

Load capacity, static



Load capacity, dynamic



Temperature Range



Swelling



Material Options

- ST - Two-layer material with sliding layer on the inner and backing layer on the outer diameter
- SL - Pure sliding layer

Self-lubricating Fabric-wound Composite Bearing

Main Features

- Special heat cured resin with synthetic fiber-mesh and solid lubricants embedded in the matrix
- Excellent configuration flexibility and wide range of sizes up to 2000 mm in diameter
- Good wear and friction performance over a wide range of loads and speeds
- Good dry and very good wet running performance
- Very good dampening behavior and misalignment compatibility
- Suitable for micro-movements
- Very good capability of embedding abrasives

Basic technical data

	Plain bearing	Plate
Specific static load, max. [MPa]	140	140
Specific dynamic load, max. [MPa]	60	50
Friction coefficient (dry) (wet)	0.07 - 0.20 0.08 - 0.25	0.08 - 0.22 –
Temperature range, max. [°C]	-60 - 140	-60 - 140
Permissible pU value [MPa × m/s]	0.6	0.6
Required counterpart hardness [HB]	>180	>180
Counterpart roughness R _a [μm]	0.4 - 1.0	0.4 - 1.0

Basic Designs



Federal-Mogul DEVA GmbH
Schulstraße 20 · 35260 Stadthallendorf · Germany
Phone +49 6428 701-0 · Fax +49 6428 701-108
www.deva.de · info@deva.de



Learn more on
www.deva.de