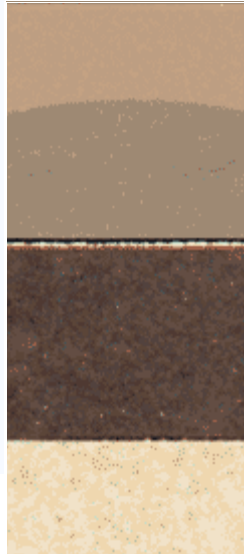


Characteristics	Applications	deva.glide®
<ul style="list-style-type: none"> Maintenance-free bearing material for high-duty applications High load capacity Optimum performance under high loads with low speed and intermittent movements 	Industrial <ul style="list-style-type: none"> Offshore industry underwater equipment bridges and civil engineering iron and steel industry equipment cranes and conveyors deep and open cast mining equipment construction and earth-moving equipment, etc. 	 

Composition & Structure	Operating Conditions		Availability
Cast bronze + solid lubricant inserts	dry	good	Ex Stock
	oiled	good	
	greased	good	To order
	water	good	
	process fluid	poor	
			<ul style="list-style-type: none"> Cylindrical bushes flanged bushes thrust washers spherical bearings

Bearing Properties	Unit	Value	Microsection
Dry			
Maximum sliding speed U	m/s	0.4	
Maximum PU factor	$N/mm^2 \cdot m/s = W/mm^2$	1.2	
Coefficient of friction f	–	0.07-0.15	
General			
Maximum temperature T_{max}	°C	+250	Running-in film
Minimum temperature T_{min}	°C	-100	
Maximum load P static	N/mm^2	150	
Maximum load P dynamic	N/mm^2	100	
Shaft surface finish Ra	μm	0,2-0,8	Solid lubricant inserts
Shaft hardness	HB	>220	Cast bronze