

# Vertical Bearing Inquiry

Reset form

## 1. Identification:

Revision Date:

Customer:

Application:

Quantity:

Machine Power:

Project Name:

## 2. Enviroment:

Ambient Temperature: °C

## 3. Construction Form and Sense of Rotation

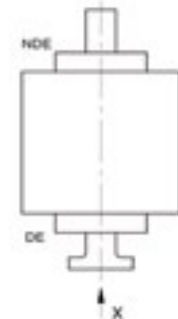
Sense of Rotation (View from „x“):

Upper Bearing – Combined Bearing  
(Thrust and Guide)

Lower Bearing – Guide Bearing

Upper Bearing – Guide Bearing

Lower Bearing – Combined Bearing  
(Thrust and Guide)



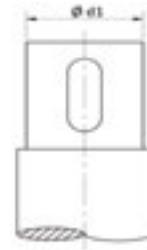
Note:

## 4. Loads:

Working Condition	Speed (RPM)	Duration (s)	Loads (kN)			
			Combined Bearing			Guide Bearing
			Down ↓	Up ↑	Radial ↔	Radial ↔
Start-Up						
Nominal						
Maximum						
Over Speed						
Other Working Conditions						

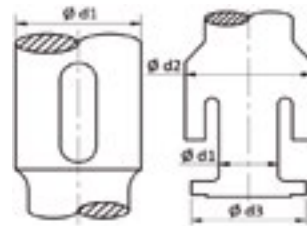
### 5. Shaft:

Combined Bearing	
ø d1 (mm)	



Guide Bearing	
ø d1 (mm)	
ø d2 (mm)	
ø d3 (mm)	

option 1      option 2



### 6. Lubrication:

Viscosity:                      To be determined by supplier                      ISO VG

Note:

### 7. Cooling:

To be determined by supplier	Water cooling	Water inlet temperature	°C
Natural convection	Circulation oil	Oil inlet temperature	°C

### 8. Seal:

To be determined by supplier                      Protection grade IP

Note:

### 9. Insulation:

Insulated    Not Insulated

**10. Hydrostatic jacking system:**

**11. Temperature Control:**

Device type	Combined Bearing			Guide Bearing	
	Radial	Axial	Sump	Radial	Sump
Quantity of PT -100 Wires					
Quantity of Thermostat					
Quantity of Local thermometer					

**12. Other Features:**

Oil sump

Oil level detector

Provision for vibration probe

Other type of feature:

**13. Observations:**

Elaborated:

Verification:

Date:

Please provide as much information as available. Where information cannot be provided, Miba will suggest typical values based on the given information.

For further information regarding any of our products, please see our website.