



Michell Bearings Ltd, Waldrige Way
 Simonside East Industrial Park, South Shields, NE34 9PZ
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Vertical Bearing Duty Specification

Company name	
Address	
Contact name	
Contact tel	
Contact email	

Customer reference	
Project name	
Date	

Order to place	Yes	No
Project only	Yes	No
Quantity	Thrust and guide bearing	
	Guide bearing	

Application	
	Other (please specify)

Shaft rotation (when viewed from drive end)	
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Condition	Speed (rpm)	Duration (min)	Frequency
Minimum			
Normal			
Overspeed			
Reverse running			

Condition	Thrust and Guide Bearing			Guide Only Bearing
	Thrust load downwards (kN)	Thrust load upwards (kN)	Radial load	Radial load (kN)
Start-up				
Minimum				
Normal				
Overspeed				
Reverse running				

Shaft details	
Shaft diameter (mm)	
Collar bore (mm)	

Air cooling			
Ambient temp min (°C)		Ambient temp max (°C)	

Water cooling			
Special cooling material			
Water inlet temp min (°C)		Water inlet temp max (°C)	

Circulating oil cooling			
Oil inlet temp min (°C)		Oil inlet temp max (°C)	
ISO oil viscosity grade			

Thrust and guide bearing special requirements		
Electrical insulation	Yes	No
High pressure oil jacking	Yes	No
Split bearing required	Yes	No
IP rating		

Guide bearing special requirements		
Electrical insulation	Yes	No
High pressure oil jacking	Yes	No
Split bearing required	Yes	No
Collar to be supplied	Yes	No
IP rating		

Instrumentation requirements
Other information (e.g API requirement, shock condition)

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