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Marine Horizontal 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 radial bearing	
	Radial 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 Radial Bearing			Radial Only Bearing
	Thrust load forward (kN)	Thrust load reverse (kN)	Radial load (kN)	Radial load (kN)
Start-up				
Minimum				
Normal				
Overspeed				
Reverse running				

Shaft details	
Journal diameter (mm)	
Axial shaft movement (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/forced oil lubrication			
Oil inlet temp min (°C)		Oil inlet temp max (°C)	
ISO oil viscosity grade			

Thrust and radial bearing special requirements		
Electrical insulation	Yes	No
High pressure oil jacking (thrust)	Yes	No
High pressure oil jacking (radial)	Yes	No
Thrust shaft to be supplied	Yes	No
IP rating		
Thrust and radial bearing method of mounting		
Pedestal	Yes	No
Centre flange	Yes	No
Other (please specify)		

Radial bearing special requirements		
Electrical insulation	Yes	No
High pressure oil jacking (radial)	Yes	No
IP rating		
Radial bearing method of mounting		
Pedestal	Yes	No
Centre flange	Yes	No
Other (please specify)		

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

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