

Magnetic Seals Inquiry Form

Rigaku Corporation

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Company name	Address
Department and Section	
Contact name	Phone
Email	Fax

Please fill in the blanks as much as you can in detail.

● Applications	
● Sealing conditions	<input type="checkbox"/> Vacuum : Base pressure () Pa • Process pressure () Pa
	<input type="checkbox"/> Pressurized :() kPa [G · abs]
	<input type="checkbox"/> Dust proof
● Environment	<input type="checkbox"/> Inert gas or air
	<input type="checkbox"/> Reactive gas (Gas species:)
● Shaft/Rotation	Shaft diameter () mm
	<input type="checkbox"/> Rotation : Speed () rpm
	<input type="checkbox"/> Rotary reciprocation : Speed () angle/sec • Frequency () Hz
● Transmission torque	() N·m
● Mounting	<input type="checkbox"/> Vertical /Top-mounted <input type="checkbox"/> Vertical /Bottom-mounted <input type="checkbox"/> Horizontal
● Temperature	Environmental temperature Max. () °C • Usual () °C
● Load (direction & location)	Temperature at the mounting surface Max. () °C • Usual () °C
● Water cooling available <input type="checkbox"/> Yes <input type="checkbox"/> No	<p>The diagram illustrates a magnetic seal assembly. A central shaft is shown with a seal component. Key parameters are labeled: <ul style="list-style-type: none"> Radial load: Two red arrows point downwards from the shaft, labeled 'Radial load () N'. Axial load: A blue arrow points to the right from the shaft, labeled 'Axial load () N'. Distances: Four 'Distance () mm' labels indicate the positions of the radial loads and the axial load relative to the seal and mounting surface. Mounting surface: An orange arrow points upwards from the bottom of the shaft, labeled 'mounting surface'. Temperatures: Two boxes at the top indicate 'Environmental temperature' and 'Temperature at the mounting surface', each with 'Max. () °C' and 'Usual () °C' fields. </p>