



## Application Requirements for Magnetic Rotary Seal Unit

Please provide us with the following information when making an inquiry or placing an order.  
We will provide you with magnetic rotary seal units that are suitable for your application.

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### ■ What is to be sealed and how high is the pressure?

- (1) What is to be sealed:  Vacuum  Pressurization  Dustproof

Maximum attainable vacuum : \_\_\_\_\_ Pa      Normal working vacuum : \_\_\_\_\_ Pa

Types of gas : \_\_\_\_\_

Other seal conditions : \_\_\_\_\_

Pressure difference with respect to the atmosphere side : \_\_\_\_\_ kPa

### ■ Temperature around seal section

- (1) Operating temperature range : \_\_\_\_\_°C ~ \_\_\_\_\_°C       Water-cooled       Non water-cooled

- (2) Normal temperature : \_\_\_\_\_°C

### ■ Structural and mechanical parameters

- (1) Diameter for sealing :  $\Phi$  \_\_\_\_\_ mm      Diameter of shaft :  $\Phi$  \_\_\_\_\_ mm

- (2) Rotation speed : \_\_\_\_\_ rpm

- (3) Transmission torque : \_\_\_\_\_ N·m

Shaft connecting :  Gear transmission       Pulley transmission       Coupling connection

- (4) Load to be applied to the seal unit :

At the housing end in the radial direction \_\_\_\_\_ N      At the axis in the axial direction \_\_\_\_\_ N

### ■ Additional comments or drawing

The performance figures that appear in this catalogue are test results obtained by Rigaku Mechatronics, and we cannot guarantee that you will always obtain similar results under other conditions.

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