

MS磁力油封

适用工况

用于各类转动设备滚动轴承的润滑油密封

■结构特点

磁力机械浮动式设计

磁性元件采用永磁材料

污染物被完全隔离

旋转轴无磨损

可适应较高的温度和压力

提高轴承的使用寿命

无需对设备进行复杂更改即可安装

■设备精度要求

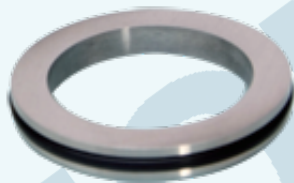
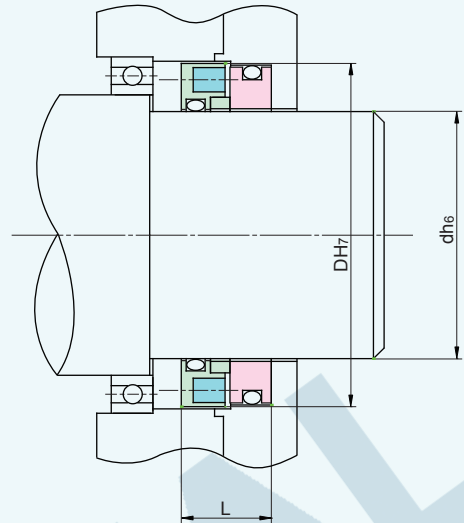
径向跳动：最大 0.5mm

轴向串动：最大 0.35mm

轴的公差：最大 $\pm 0.05\text{mm}$ ，建议 $\pm 0.025\text{mm}$

轴粗糙度：最大 Ra1.6

静环安装处公差：H7



安装尺寸表

Size	d	D	L
030	30.0	50.5	18.5
035	35.0	55.5	18.5
040	40.0	60.5	18.5
045	45.0	65.5	18.5
050	50.0	70.5	18.5
055	55.0	76.5	19.5
060	60.0	83.5	19.5
065	65.0	91.5	20.5
070	70.0	96.5	22.7
075	75.0	104.5	22.7
080	80.0	108.5	22.7
085	85.0	113.5	22.7
090	90.0	119.5	22.7
095	95.0	124.5	22.7
100	100.0	129.5	22.7
105	105.0	133.5	23.0
110	110.0	139.5	23.0
115	115.0	144.5	23.0
120	120.0	149.5	23.0
125	125.0	154.5	25.1
130	130.0	159.5	25.1
135	135.0	164.4	25.1
140	140.0	169.5	25.1
145	145.0	175.5	25.1
150	150.0	180.5	25.1

“*” 特殊要求可定制。Customizable under special requirements.

MS Magnetic Oil Seals

Designed for rolling bearing lubrication oil seals of all rotary equipments

Structure Features

Magnetic mechanical floatation design

Adopt permanent magnet materials as components

Contaminants are fully isolated

No wear of rotating shaft

Fit for high temperature and pressure

Increase bearing using life

Possibility to install without necessity to change equipment

Precision Requirements

Radial runout : Maximum 0.5mm

Axial runout : Maximum 0.35mm

Shaft tolerance : Maximum $\pm 0.05\text{mm}$, recommend $\pm 0.025\text{mm}$

Shaft roughness : Maximum Ra1.6

Tolerance of stationary face : H7

运行参数 Operating Parameters

温度 Temperature : to +150 (+302 F)

相对压力 Pressure : to 3bar

速度 Speed : to 50m/s