

SRB-03-HTD回转支承轴承 Slewing ring bearings



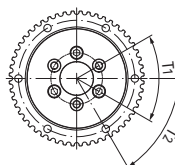
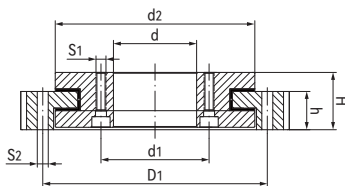
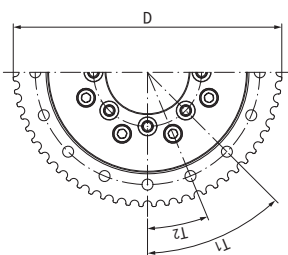
产品特性 Product features

- HTD标准齿形外圈，可选其它齿形
- 滑动片标准材料EPB13，可选配高强度高温材料EPB21
- 滑动片易安装与更换
- 内外环采用高强度铝合金，可选配不锈钢内外环
- 适用于高负载应用
- HTD standard tooth type for the outer ring, other tooth types available
- Standard sliding pads made from EPB13, available high temperature material EPB21
- Easy to install with replaceable sliding pads
- Inner and outer rings made of anodized aluminum, available stainless steel rings
- For very high load applications

产品技术数据表 Technical data table

项目 Item	单位 Unit	SRB-03-20 -HTD5M	SRB-03-30 -HTD8M	SRB-03-50 -HTD8M	SRB-03-60 -HTD8M	SRB-03-100 -HTD8M	SRB-03-150 -HTD8M	SRB-03-200 -HTD8M
重量 Weight	kg	0.2	0.4	1.0	1.1	1.3	2.2	3.2
最大旋转速度 Max. Rotation Speed	r/min	300	250	200	180	150	100	80
最大静载荷 Max. Static Load	轴向 Axial	N	15000	27000	40000	55000	80000	100000
	径向 Radial	N	2300	5000	8000	10000	16000	25000
最大动载荷 Max. Dynamic Load	轴向 Axial	N	4000	7000	10000	15000	25000	30000
	径向 Radial	N	600	1500	2500	3000	5000	10000
最大允许倾覆力矩 Max. Permitted Overturning	Nm	100	200	600	800	1500	2000	3800

标准规格 Standard specifications



产品编码 Part No.:

SRB-03-20-HTD5M

齿形 Tooth type
内径 Inner diameter
系列号 Design No.

产品编码 Part No.	d [mm]	d ₁ [mm]	d ₂ ±0.2 [mm]	*D [mm]	D ₁ [mm]	H [mm]	h [mm]	T ₁ [mm]	T ₂ [mm]	S ₁ [mm]	S ₂ [mm]	Z 齿数 Number of teeth
SRB-03-20-HTD5M	20	31	60	81.25	70	26	18	6x60°	6x60°	M4	4.5	52
SRB-03-30-HTD8M	30	42.5	82	110.7	91	30.5	21	8x45°	8x45°	M4	4.5	44
SRB-03-50-HTD8M	50	65	120	161.6	135	34.5	23	8x45°	16x22.5°	M6	6.6	64
SRB-03-60-HTD8M	60	74	130	166.7	145	34.5	23	10x36°	20x18°	M5	5.5	66
SRB-03-100-HTD8M	100	112	160	187.1	170	36	25	12x30°	16x22.5°	M5	5.5	74
SRB-03-150-HTD8M	150	165	220	253.3	235	36.5	25	12x30°	16x22.5°	M5	5.5	100
SRB-03-200-HTD8M	200	215	274	304.3	285	41.5	30	12x30°	16x22.5°	M6	6.6	120

*D: 公差标准 Tolerance according to ISO 2768 mK