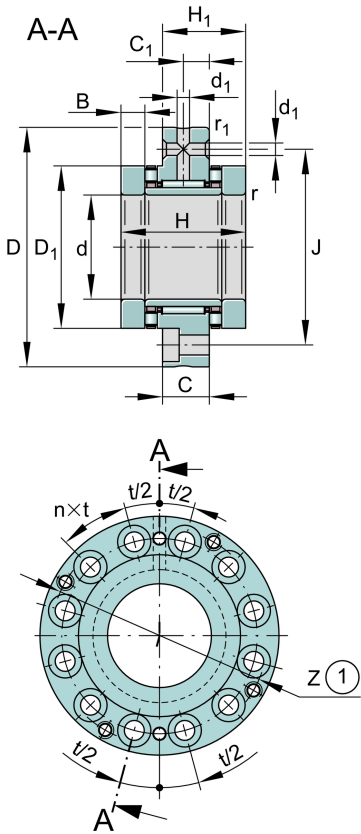


ZARF50140-TV

滚针/推力圆柱滚子轴承

滚针/推力圆柱滚子轴承ZARF，双向，适合螺栓安装

技术信息

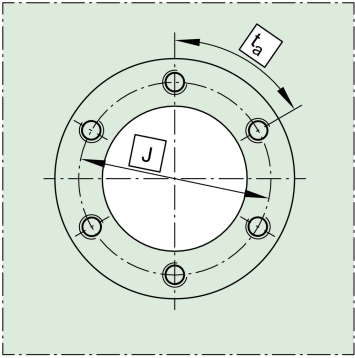
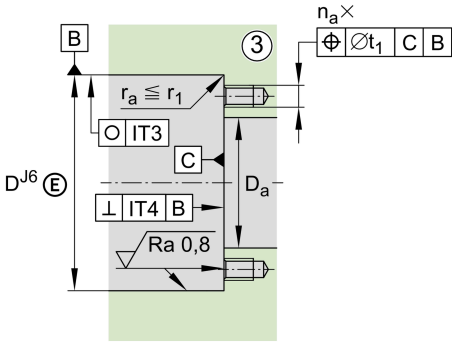


主要尺寸和性能数据

d	50 mm	内径
D	140 mm	外径
H	82 mm	高度
C _a	172,000 N	基本额定动载荷, 轴向
C _{0a}	480,000 N	基本额定静载荷, 轴向
C _r	46,500 N	基本额定动载荷, 径向
C _{0r}	103,000 N	基本额定静载荷, 径向
C _{ua}	44,500 N	疲劳极限载荷, 轴向
C _{ur}	12,700 N	疲劳极限载荷, 径向
n _{G Oil}	3,100 1/min	油润滑极限转速
n _{G Grease}	1,100 1/min	Limiting speed for grease lubrication
M _{RL}	3.8 Nm	Bearing friction torque
≈m	4.086 kg	重量

安装尺寸

D _{a max}	96 mm	Maximum diameter of housing shoulder
d _{a min}	75 mm	轴挡肩最小直径
t ₁	0.2 mm	轴承座定位孔



尺寸

H ₁	51 mm	Height outer ring over wave washer
C	22.5 mm	外圈宽度
C ₁	12.5 mm	至润滑孔距
D ₁	95 mm	Rip diameter shaft washer
B	17.5 mm	Width, inner ring
r _{min}	0.3 mm	最小倒角尺寸
r _{1 min}	0.6 mm	最小倒角尺寸
d ₁	6 mm	Diameter lubrication hole
J	113 mm	节圆直径（孔）
n	12	螺栓孔数量
n x t	30 °	Split

温度范围

T _{min}	-30 °C	最低工作温度
T _{max}	120 °C	最高工作温度

附加信息

c _{aL}	4,600 N/μm	Rigidity axial
c _{kL}	2,900 Nm/mrad	Tilting stiffness
M _m	29.8 kg*cm2	惯性力矩
	1 μm	轴向跳动
radial	ZMA50/92	Recommended INA precision locknut for radial locking (not included)
axial	AM50	Recommended INA precision locknut for axial locking (not included)
M _A	180 Nm	螺母拧紧力矩
	36,224 N	Required locknut force
	M10	螺栓尺寸
n _a	12	螺栓数量
na x ta	30 °	Division (screwing holes)