

型号
Type GFK



特性及应用:

GFK 型号是一种集成在 59.. 系列滚珠轴承中的楔块式单向离合器。此设计为最小外径提供了高扭矩能力。它是一种轴承支撑型，交付时采用油脂润滑。油浴润滑也是可能的。无论润滑类型如何，都应提供密封件。

以确保扭力传输的问题，必须以紧配方式安装，外圈与机臂为 R6 公差，内圈工作轴心为 p5 公差。

工作温度范围：-20℃至+100℃。瞬间高温可达+120℃的峰值。

Description:

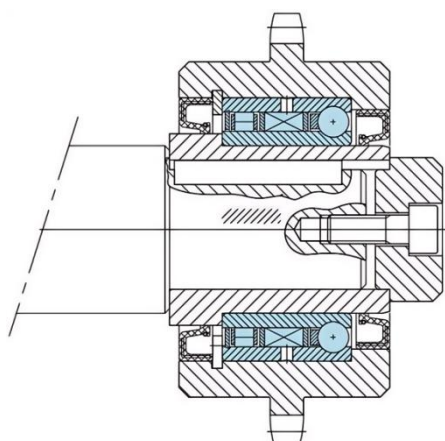
Type GFK is a sprag type freewheel integrated into a 59.. series ball bearing. This design provides high torque capacity for minimal outside diameter. It is a bearing supported type, delivered grease lubricated. Oil bath lubrication is also possible. Whatever the lubrication type, seals should be provided.

Torque transmission must be ensured by a press fit assembly into a rigid outer housing with R6 tolerance, and onto a shaft with p5 tolerance.

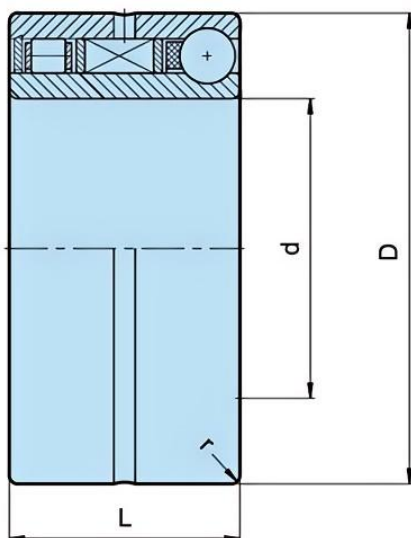
Initial radial clearance has been provided to take into account this heavy press fit. Operating temperature range: -20°C to +100°C. Peaks up to +120°C are acceptable for short periods.

安装参考范例

Mounting example



GFK



型号 Type	尺寸 Size	扭矩 Torque	超越转速 Overrunning speeds		轴承 系列 Bearing series	载荷 Loads				外形尺寸 Dimensions			重量 Weight
						Rollers dyn.	Balls dyn.	Rollers stat.	Balls stat.				
	d [mm]	T _{KN} ¹⁾ [Nm]	n _{imax} ²⁾ [min ⁻¹]	n _{amax} ³⁾ [min ⁻¹]		C [N]	C [N]	C ₀ [N]	C ₀ [N]	D [mm]	L [mm]	r [mm]	[kg]
GFK	20	51	5500	4000	5904	5600	4400	2900	2750	37	23	0.5	0.09
	25	65	5300	3800	5905	6300	5300	3450	3350	42	23	0.5	0.11
	30	95	5000	3500	5906	7700	5500	4600	3650	47	23	0.5	0.13
	35	204	4600	3200	5907	8200	8500	5200	5700	55	27	1	0.20
	40	315	4200	3000	5908	8650	9300	5750	6700	62	30	1	0.30
	45	370	3800	2500	5909	9200	9700	6350	7300	68	30	1	0.34
	50	460	3400	2200	5910	9650	10000	6950	7800	72	30	1	0.36