

CHAMP 冠军系列动力单元

为机器人提供强劲动力

W190-S



W150-S



P55



P85MAX-S



P65



P65MAX-S



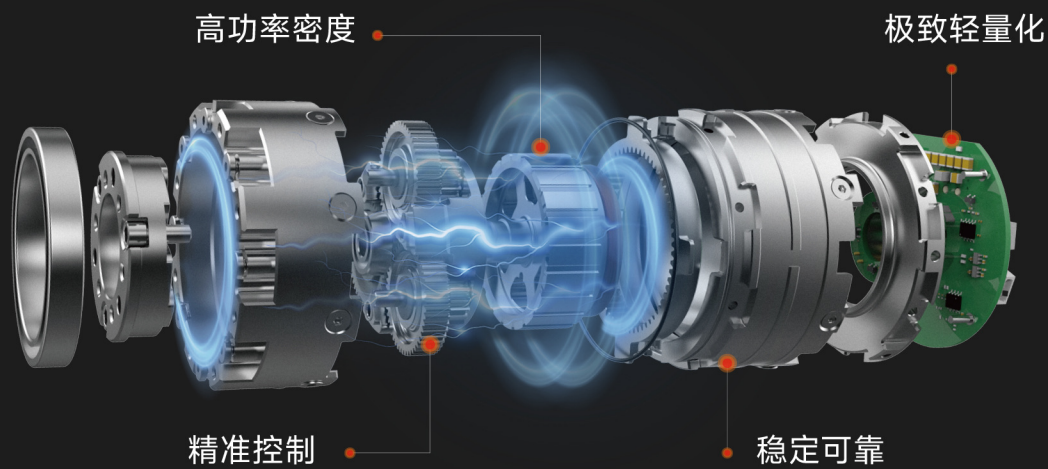
选型参数



	行星一体化关节				轮毂电机	
外径(mm)	57	65	65	86	160	192
高度(mm)	53	61.8	64.3	66.9	58	83
减速器类型	行星减速机				/	行星减速机
额定功率(W)	78.5	330	330	706	495	706
额定扭矩 (Nm)	6.5	11.5	21.3	43	3.5	8.7
峰值扭矩(Nm)	21	48	75	180	11	28.68
重量(g)	332	520	612	1010	1180 (含轮胎)	1340 (含轮胎)
背隙(arcmin)	≤20	≤20	≤25	≤20	/	≤20
工作电压(典型) (V)	24~48(24)	24~60(48)	24~60(48)	24~72(60)	24~72(48)	24~72(60)
编码器	双编码器				单编码器	
防护等级	IP54	IP54	IP67	IP67	IP67	
工作温度 (°C)	-20~55				-20~55	
通信协议	CANFD				CANFD	

*所有参数均为实验室环境下测试，产品参数可能随配置不同和产品更新而变化，请以具体交付参数表和实物为准。

为机器人提供强劲且高效的核心动力



核心卖点

麒麟合金 稳定核心



自研高强度、高刚度合金材料，具备优异抗冲击与抗疲劳性能，保障复杂工况下的稳定运行。

澎湃动力 强劲输出



高功率密度电机与精密减速系统协同设计，实现高扭矩、高效率动力传递，从容应对高负载与复杂任务。

极致轻巧 高效集成



优化结构与材料设计，大幅减重的同时保持高强度，显著提升整机灵活性与能效表现。

双编驱动 精准控制



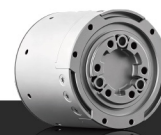
双编码器实现位置与速度双闭环控制，响应迅捷稳定，确保高精度动作与流畅运动。

全面防护 无惧挑战

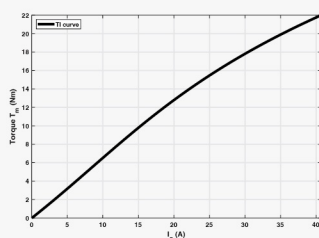
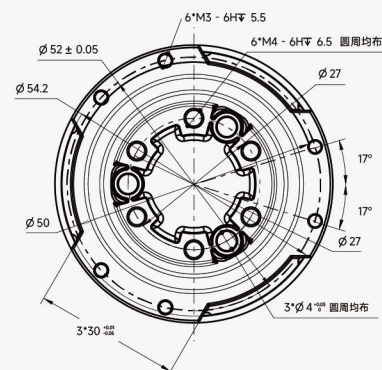
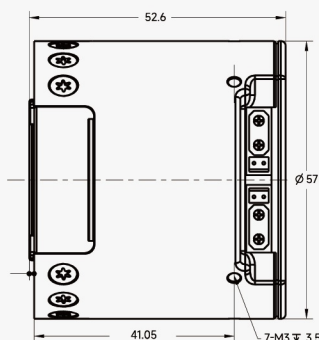
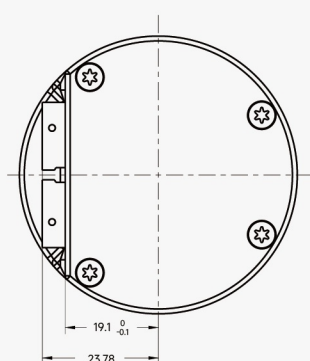


行业级防护设计，适应粉尘、潮湿及温差环境，保障设备长期稳定运行。

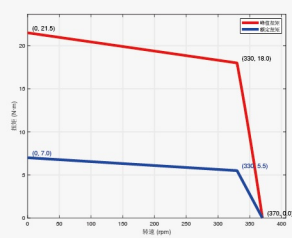
产品详情



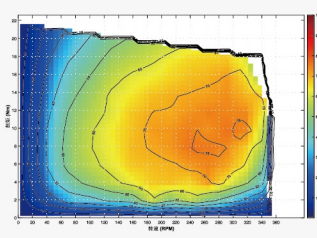
关节模组 P55



TI曲线



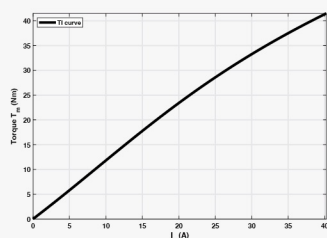
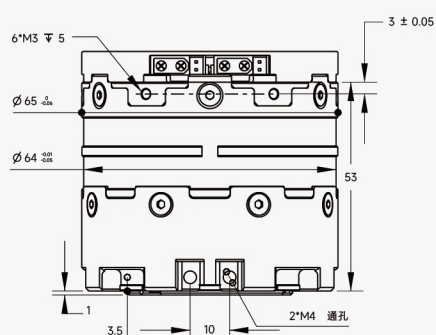
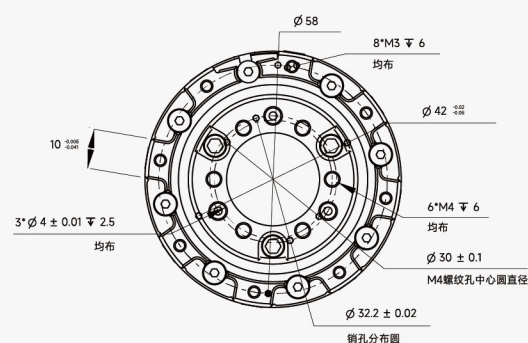
TN曲线



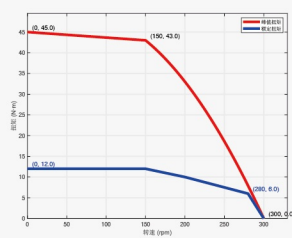
效率图



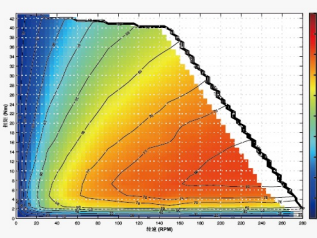
关节模组 P65



TI曲线



TN曲线

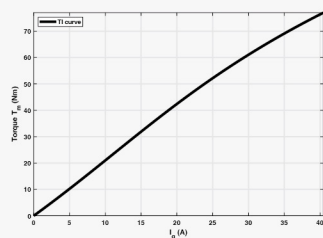
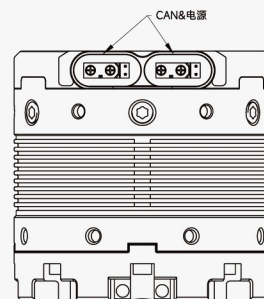
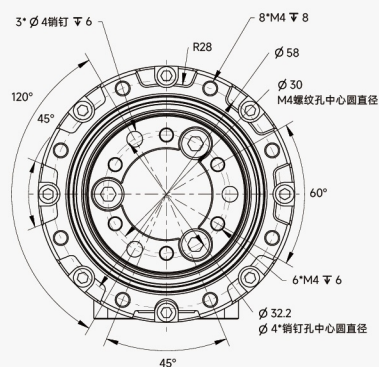
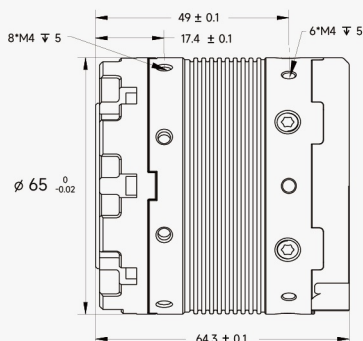


效率图

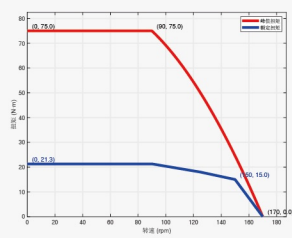
产品详情



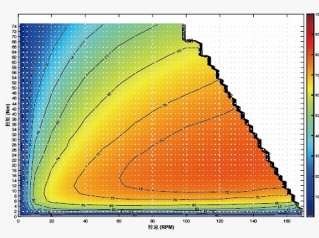
关节模组 P65MAX-S



TI曲线



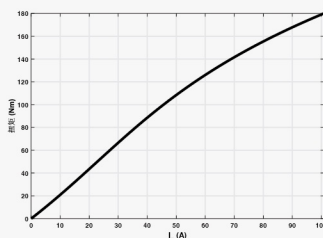
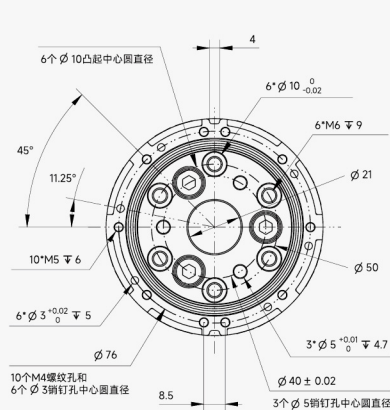
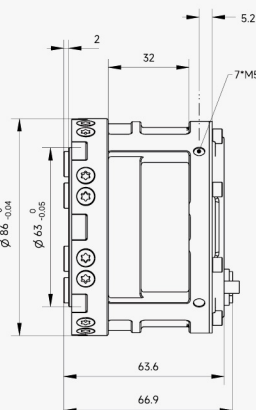
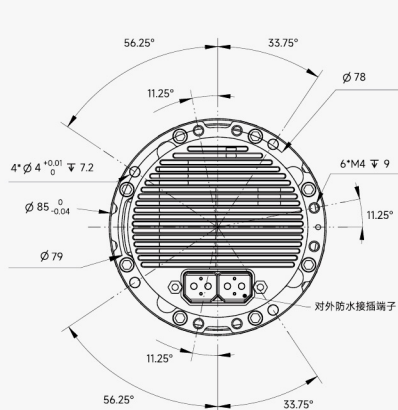
TN曲线



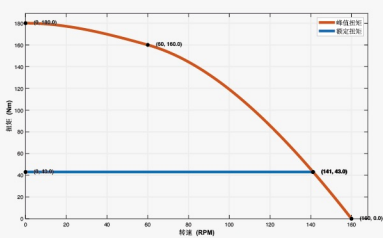
效率图



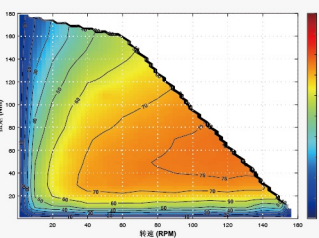
关节模组 P85MAX-S



TI曲线



TN曲线

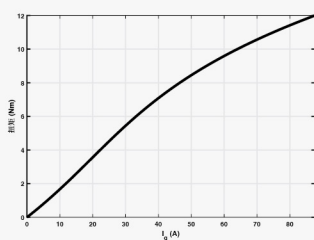
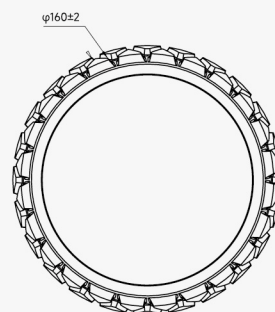
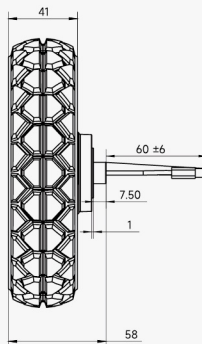
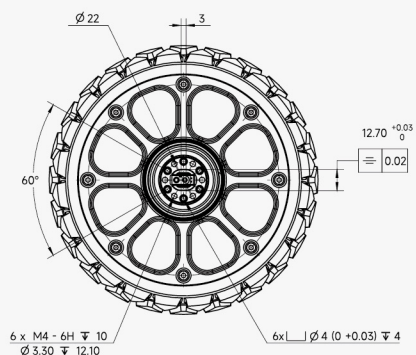


效率图

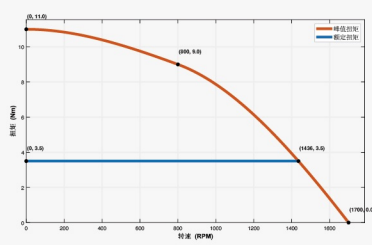
产品详情



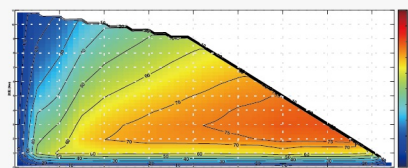
轮毂电机 W150-S



TI曲线



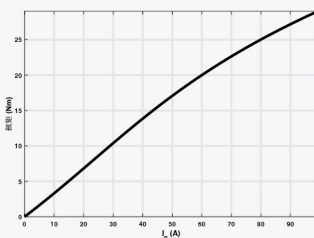
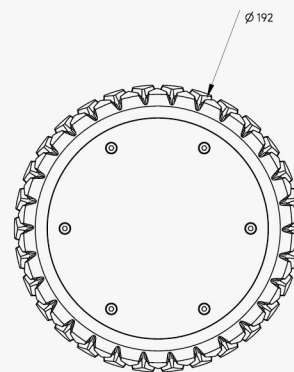
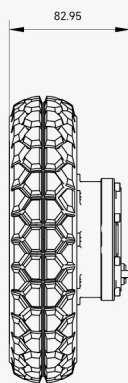
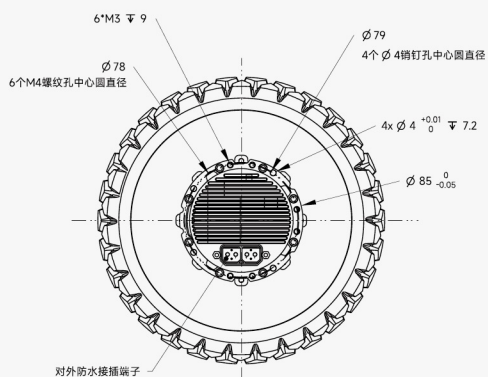
TN曲线



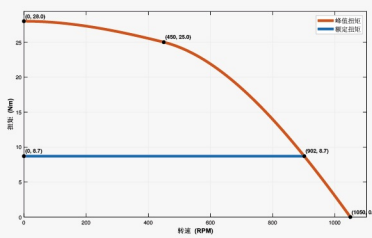
效率图



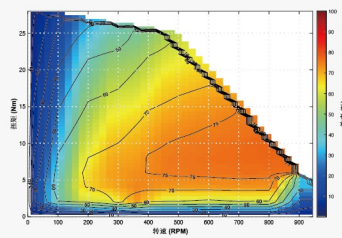
轮毂电机 W190-S



TI曲线



TN曲线



效率图