

电机型号/MODEL:EC130TM48302000-E

版本号: V1.0

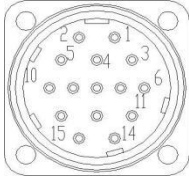
基本参数/BASIC PARAMETERS			
额定功率(w): Rated Output(w):	2000	极数: Number of Poles:	10
额定电压(v): Rated Voltage(v):	DC48	绝缘等级: Insulation Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3900
额定电流(Arms): Rated Current(Arms):	51±10%	瞬时最大电流(Arms): Instantaneous Max. Current(Arms):	102±10%
额定扭矩(N.m): Rated Torque(N.m):	6.5	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	13
线电阻(Ω): Line Resistance(Ω):	0.032±10%(25℃)	线电感(mH): Line Inductance(mH):	0.106±10%(25℃)
线反电势(V/krpm): Line Back EMF.(V/krpm):	7.7±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.12±10%
转子惯量(Kg.m²x10⁻⁴): Rotor Moment of Inertia(Kg.m²x10⁻⁴):	12.9±10%	反馈元件: Feedback Component:	电磁增量式/Incremental Encoder, 2500PPR
保持制动器扭矩(N.m): Static Torque (N.m):	/	保持制动器工作电压(V): Rated Voltage(V):	/
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB,无异响/NoneSpecial Noise
工作时间: Time rating.:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~ 80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(kg):	8
保护方式: Enclosure:	全封闭, 自冷IP54(IP65可选)(轴贯通部分除外) Totally Enclosed, Self-cooled, IP54(IP65 optional) (except for shaft opening)		
旋转方向: Rotation Direction:	从电机轴伸端看逆时针方向旋转(CCW) Counterclockwise rotation(CCW)		

连接器/CONNECTORS

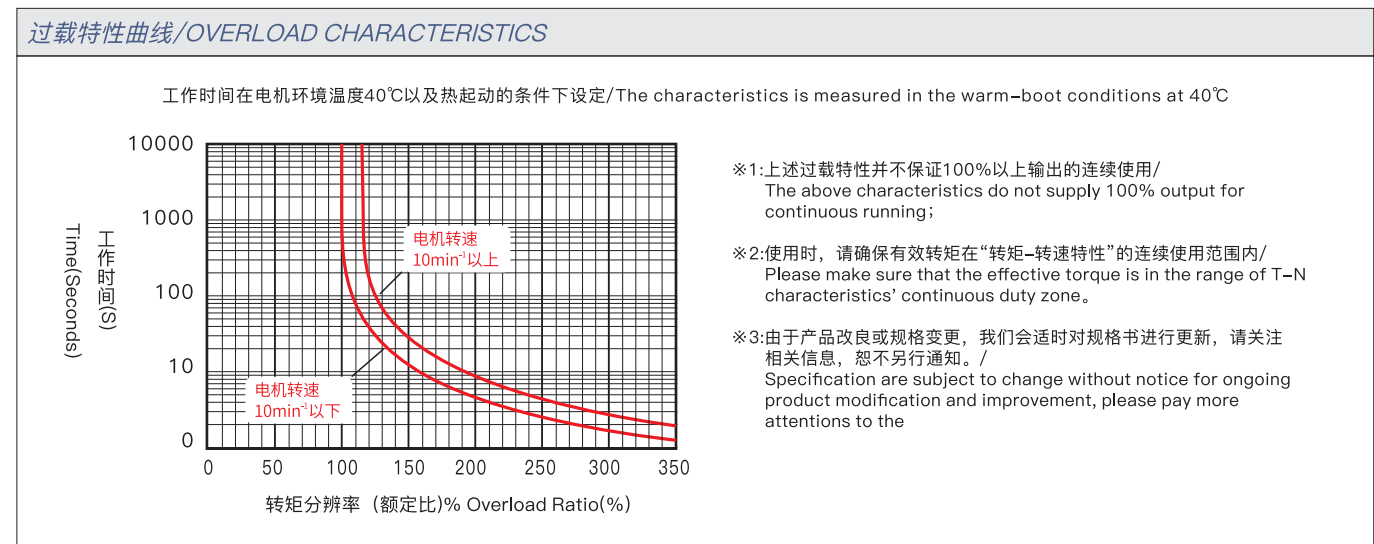
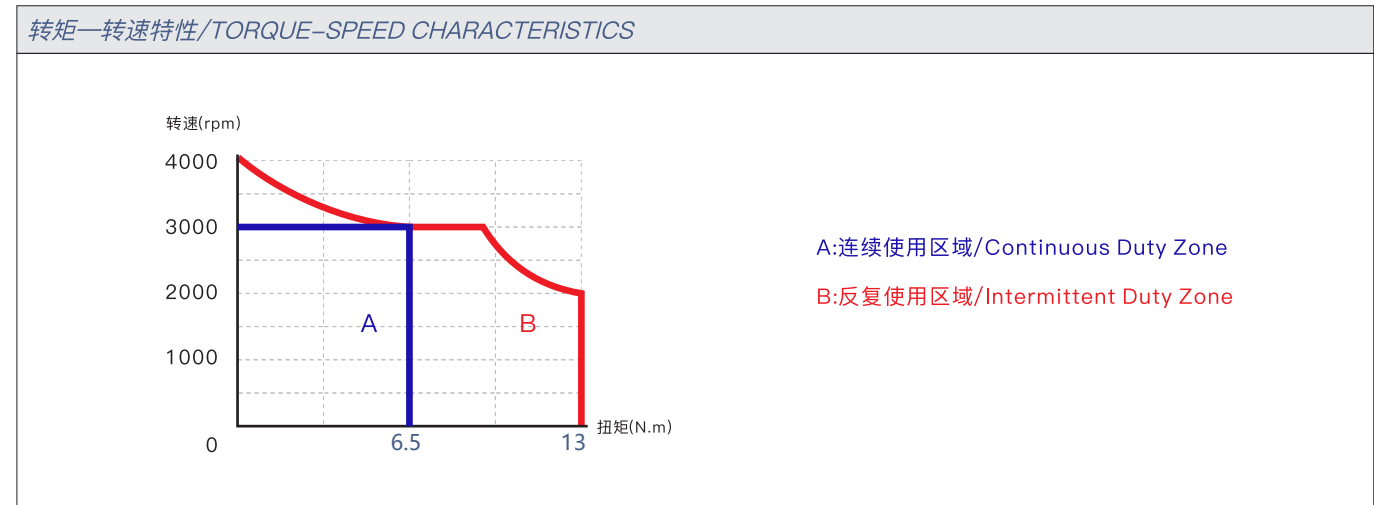
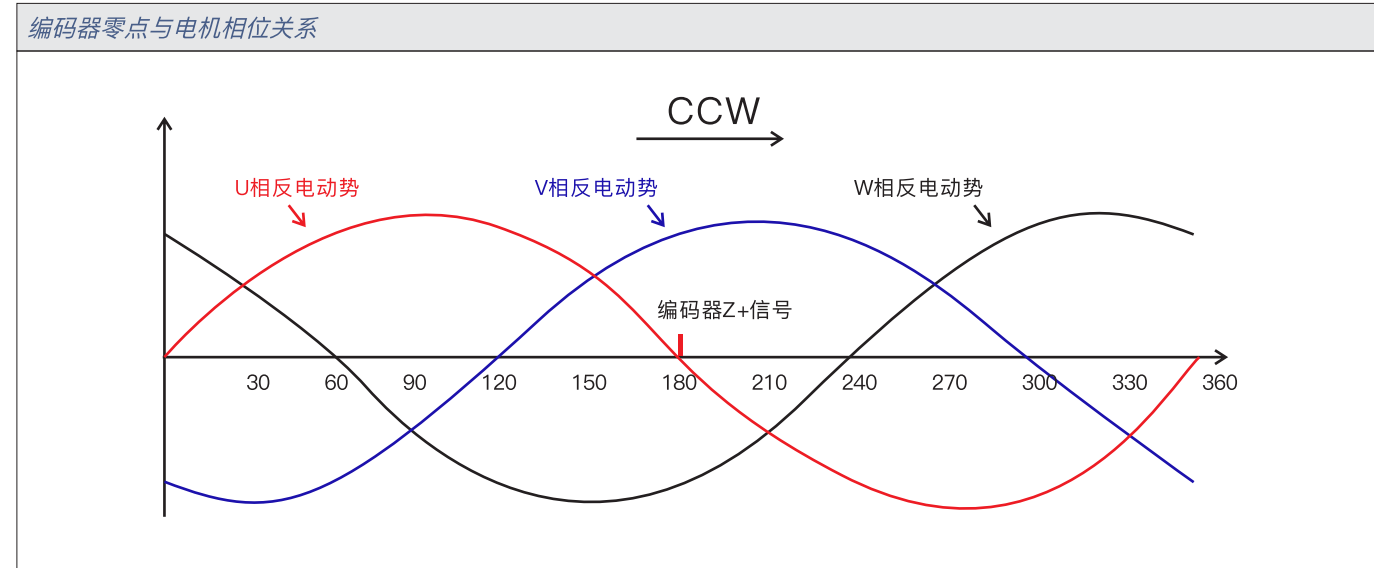
动力插座/Power Line Socket

颜色 colour	黄绿	红	蓝	黑
信号引线 Signal leads	PE	U	V	W

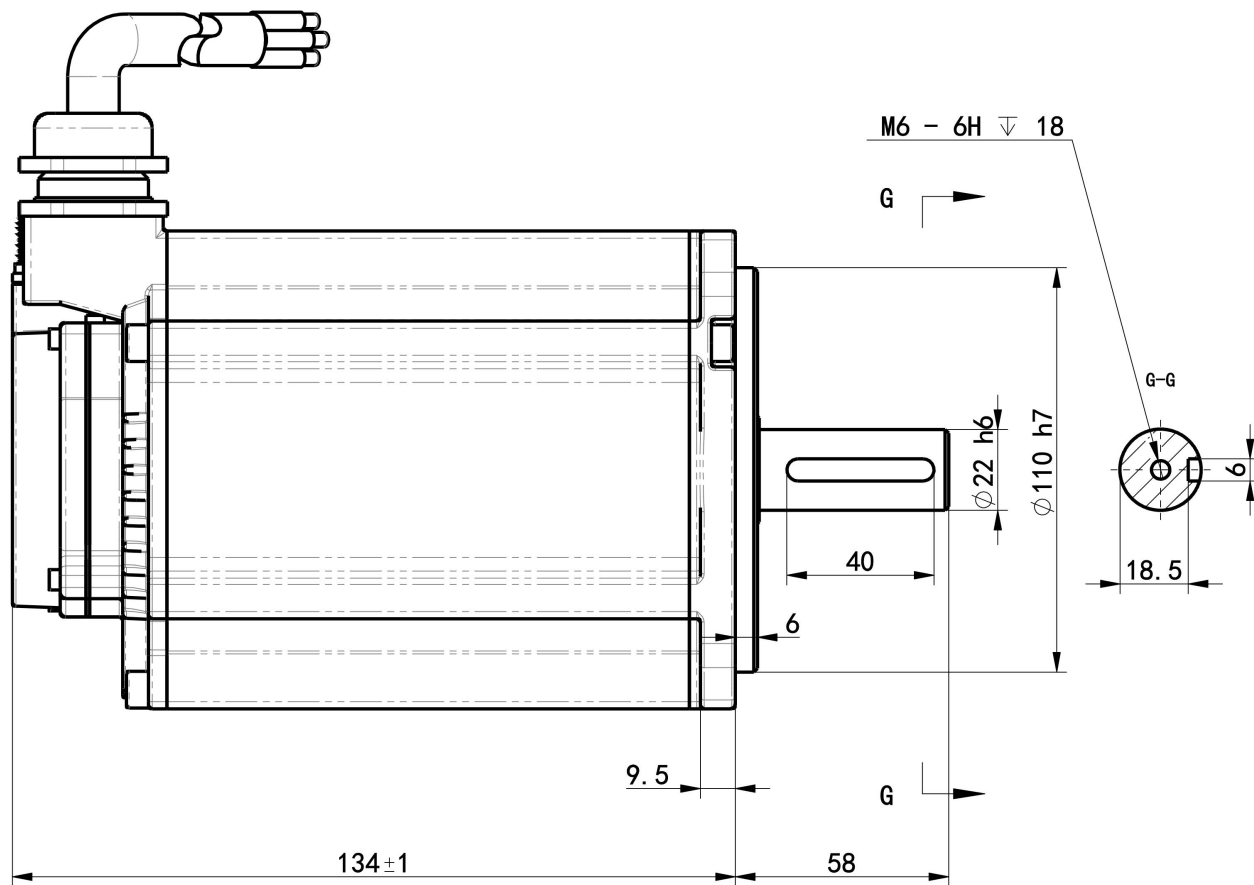
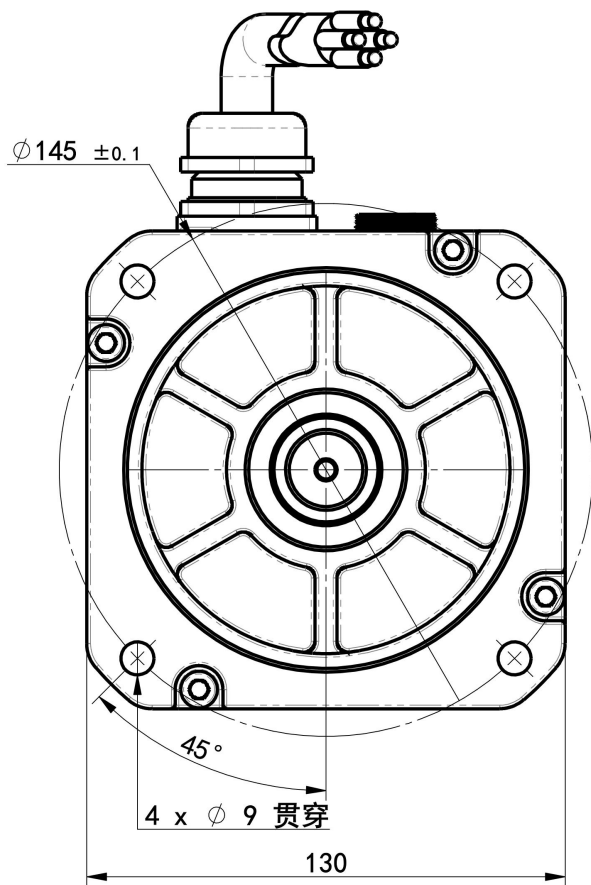
编码器插座/Encoder Socket(航插型号: YD18-15)




插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
颜色 colour		红	黑	蓝	绿	黄	蓝黑	绿黑	黄黑	棕	灰	白			
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+			



电机外形参考图



视图: 	设计:	日期:	名称: 高性能稀土永磁伺服电机	订货号:
	校对:	日期:		
比例: 3: 4	批准:	日期:	型号:	