



Motor parameters	
No. of poles	16
DC Link Voltage(V)	48
Rated Power(W)	750
Rated Torque(N·m)	2.39
Rated Speed(rpm)	3000
Rated Current(A)	18.6
Maximum torque(N·m)	7.17
Maximum Current(A)	61
Standstill torque(N·m)	2.63
Standstill current(A)	20.5
Resistance line-line(Ω)	0.097
Close circuit inductance(mH)	0.23
Voltage constant(V/krpm)	7.96
Torque constant(Nm/A)	0.131

Harmonic gear-ratio		25-50	25-80	25-100	25-120	25-160			
Peak torque for start and stop (Nm)		127	178	204	217	229			
Permissible max.value of ave.load torque(Nm)		72	113	140	140	140			
Rated torque(Nm)		51	82	87	87	87			
Permissible max. momentary torque(Nm)		242	332	369	395	408			
Max. output rotational speed(RPM) [Using 48V operating at rated torque]		60	37.5	30	25	18.75			
Without brakes	Rotor inertia(g·mm ²)		277434						
	OD*Length(mm)		Ø 116*147.5						
	Weight(kg)		4.35						
With brakes	Rotor inertia (g·mm ²)		285402						
	OD*Length(mm)		Ø 116*147.5						
	Weight(kg)		4.47						
Common parameters		Supply voltage: 48V(±10%) Inner diameter:18mm IP54 & Friction brake							
Optional device		Communication type: EtherCAT/CANopen/Modbus Output encoder resolution:19/20 Bit RP/AP:±7/±15 arc sec or ±10/±25 arc sec							
UNLESS OTHERWISE SPECIFIED, DIMENSIONS APPLY BEFORE COATINGS REMOVE ALL SHARP BURRS AND BREAK ALL SHARP EDGES		MODEL		DRAWG NO.		QTY.	SCALE	MATERIAL	SURFACE TREATMENT
		eRob 110I		eRob110H××T-XX-18XX_V4					
UNSPECIFIED DIMENSIONAL TOLERANCE			NAME	DATE	SIZE	VERSION		1:2	
> 0.5-3		±0.1		DRAWG	A3	MC2A.XX.XX	MATERIAL CODE		
> 3-6		±0.1							
> 6-30		±0.2							
> 30-120		±0.3							
> 120-400		±0.5		CHECK	PERSPECTIVE			ZeroErr Control Co., Ltd	
ANGULAR TOLERANCE±1°		APPROV	THIRD ANGLE						

NOTE:
1. UNSPECIFIED GEOMETRIC TOLERANCE GB/T1184-H (ISO 2768-2)
2. DIMENSIONS ARE MEASURED AT 20°C