



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

Motor parameters	
No. of poles	16
DC Link Voltage(V)	48
Rated Power(W)	75
Rated Torque(N·m)	0.24
Rated Speed(rpm)	3000
Rated Current(A)	1.91
Maximum torque(N·m)	0.72
Maximum Current(A)	5.9
Resistance line-line(Ω)	2.59
Close circuit inductance(mH)	2.07
Voltage constant(V/krpm)	7.24
Torque constant(Nm/A)	0.12

Harmonic gear-ratio		14-50		14-80		14-100				
Peak torque for start and stop (Nm)		12		16		19				
Permissible max.value of ave.load torque(Nm)		4.8		7.7		7.7				
Rated torque(Nm)		3.7		5.4		5.4				
Permissible max. momentary torque(Nm)		23		35		35				
Max. output rotational speed(RPM) [Using 48V operating at rated torque]		60		37.5		30				
Without brakes	Rotor inertia(g·mm ²)	43656								
	OD*Length(mm)	Ø 70*60.4								
	Weight(kg)	0.77								
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	
UNSPECIFIED DIMENSIONAL TOLERANCE		eRob 70F(WITHOUT BRAKES)		eRob70FxxI-F-XX-18CX_V3						
> 0.5-3		±0.1		DRAWG	NAME	DATE	SIZE	VERSION	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					

MILLIMETERS