



NOTE:

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

		Harmonic gear-ratio				14-50		14-100			
		Peak torque for start and stop ( Nm )				12		19			
		Rated torque(Nm)				3.7		5.4			
		Permissible max. momentary torque(Nm)				23		35			
Motor parameters		Max. output rotational speed(RPM)				60		30			
No. of poles	16	Without brakes	Rotor inertia(g·mm <sup>2</sup> )				43656				
DC Link Voltage	48		OD*Length(mm)				Ø 70*60.4				
Rated Power	75		Weight(kg)				0.77				
Rated Torque	0.24	Common parameters				Supply voltage: 48V(±10%) Inner diameter:18mm IP54 & Friction brake					
Rated Speed	3000										
Rated Current	1.91	Optional device				Communication type: EtherCAT/CANopen/Modbus Output encoder resolution:19/20 Bit RP/AP:±7/±15 arc sec or ±10/±25 arc sec					
Maximum torque	0.72										
Maximum Current	5.9										
Standstill torque	0.27	UNLESS OTHERWISE SPECIFIED: DIMENSIONS APPLY BEFORE COATINGS REMOVE ALL SHARP BURRS AND BREAK ALL SHARP EDGES		MODEL		DRAWG NO.		QTY.	SCALE	MATERIAL	SURFACE TREATMENT
Standstill current	2.15			eRob 70F(WITHOUT BRAKES)		eRob70F××I-F-XX-18CX_V3					
Resistance line-line	2.59	UNSPECIFIED DIMENSIONAL TOLERANCE									
Close circuit inductance	2.07	> 0.5-3	±0.1		NAME	DATE	SIZE	VERSION		1:1	
		> 3-6	±0.1	DRAWG			A3	MC2A.9X.XX	MATERIAL CODE		
		> 6-30	±0.2	CHECK			PERSPECTIVE				
Voltage constant	7.24	> 30-120	±0.3								
Torque constant	0.12	> 120-400	±0.5								
		ANGULAR TOLERANCE:±1°		APPROV			THIRD ANGLE		 ZeroErr Control Co., Ltd		