



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)					60	37.5	30			
Without brakes	Rotor inertia(g·mm ²)				43656					
	OD*Length(mm)				∅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			DRAWING NO.		QTY.	SCALE	MATERIAL	SURFACE TREATMENT
		eRob 70F(WITHOUT BRAKES)			eRob70F×Ⅰ-F-XX-18EX_V3					
UNSPECIFIED DIMENSIONAL TOLERANCE			NAME	DATE	SIZE	VERSION		1:1		
> 0.5-3	±0.1	DRAWG			A3	MC2A.AX.XX	MATERIAL CODE			
> 3-6	±0.1									
> 6-30	±0.2		CHECK			PERSPECTIVE				
> 30-120	±0.3									
> 120-400	±0.5	APPROV			THIRD ANGLE		ZeroErr Control Co., Ltd			
ANGULAR TOLERANCE:±1°										