



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			
Max. output rotational speed(RPM)						60		30			
With brakes		Rotor inertia(g·mm ²)				46885					
		OD*Length(mm)				Ø 70*67.7					
		Weight(kg)				0.83					
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 70F(WITH BRAKES)			eRob70F**I-B-XX-18EX_V3						
UNSPECIFIED DIMENSIONAL TOLERANCE				NAME	DATE	SIZE	VERSION		1:1		
> 0.5-3	±0.1										
> 3-6	±0.1	DRAWG			A3	MC2A.9X.XX	MATERIAL CODE				
> 6-30	±0.2										
> 30-120	±0.3	CHECK			PERSPECTIVE		 ZeroErr Control Co., Ltd				
> 120-400	±0.5	APPROV			THIRD ANGLE						
ANGULAR TOLERANCE: ±1°											