



STANDARD FEATURES

- MOTOR: HR-4
- STD FORCE 16 N
(CONSULT FACTORY FOR HIGHER FORCE)
- TRAVEL: 50mm
- SPEED: 250mm/sec
- ENCODER RESOLUTION: ANALOG 1 VOLT, PEAK TO PEAK
OPTIONAL: 5um, 1um, 0.5um, 0.1um, 0.05um, 0.02um, 0.01um or 5nm USING 4096 INTERPOLATION
(CONTROLLER DEPENDENT)
- SYSTEM REPEATABILITY: +/- 1 ENCODER COUNT
(CONTROLLER DEPENDENT)
- HOME SENSOR: STANDARD
- BEARINGS: PRECISION CROSS ROLLER
< 1.5um PARALLELISM
- BEARING DYNAMIC LOAD RATING: 2.6kN
- SYSTEM LOAD CAPACITY: APPLICATION DEPENDENT
PLEASE CONSULT THE FACTORY
- ENCLOSURES: ALUMINUM 6061-T6
STAINLESS STEEL OPTIONAL
- ENVIRONMENT: STANDARD, CLEAN ROOM, VACUUM
10e-7 TORR, AND VACUUM 10e-10 TORR
(CONSULT FACTORY)
- TEMPERATURE: 0 to 100 DEG C
- HUMIDITY: 10% to 80% NON-CONDENSING
- ASSEMBLY MASS: 0.64 kg

ACCESSORIES

- MOTOR AMPLIFIER

OPTIONAL EQUIPMENT

- MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

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DRAWN		1/31/2005		TITLE	
NBrown					
CHECKED				AI-HR4-5000E	
Tolerances:					
x ± 1 mm [x.x ± .04 in]					
x.x ± 0.5 mm [x.xx ± .02 in]				SIZE	
x.xx ± 0.12 [x.xxx ± .005 in]				DWG NO	
MATERIAL				0010-00009	
				REV	
				006	
		SCALE		SHEET 1 OF 1	

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