



STANDARD FEATURES

- MOTOR: HR-1
- STD FORCE 3.5 N
(CONSULT FACTORY FOR HIGHER FORCE)
- TRAVEL: 12mm
- 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: 999N
- SYSTEM LOAD CAPACITY: APPLICATION DEPENDENT
PLEASE CONSULT THE FACTORY
- ENCLOSURES: ALUMINUM 6061-T6
STAINLESS STEEL OPTIONAL
- ENVIRONMENT: STANDARD, CLEANROOM, 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: 0.22 kg

ACCESSORIES

MOTOR AMPLIFIER

OPTIONAL EQUIPMENT

MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

ALIO INDUSTRIES PROPRIETARY INFORMATION

11919 W I-70 FRONTAGE ROAD NORTH, UNIT 119, WHEAT RIDGE, CO 80033 USA
(Tel) 303.339.7500 - SALES@ALIOINDUSTRIES.COM - WWW.ALIOINDUSTRIES.COM



DRAWN		NBROWN		3/3/2005	
CHECKED					
Tolerances:		x.x \pm .04 in		TITLE	
		x.xx \pm .02 in		AI-1200E	
		x.xxx \pm .005 in			
MATERIAL		SIZE	DWG NO	REV	
		B	0010-00335	003	
SCALE				SHEET	1 OF 1