



STANDARD FEATURES

- MOTOR: HR-2
- STD FORCE 8 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, AND VACUUM 10e-10 TORR
(CONSULT FACTORY)
- TEMPERATURE: 0 to 100 DEG C
- HUMIDITY: 10% to 80% NON-CONDENSING
- ASSEMBLY MASS: 0.79 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		7/5/2005		TITLE	
NBROWN					
CHECKED				AI-5000	
Tolerances:					
x.x ± .04 in					
x.xx ± .02 in				SIZE	
x.xxx ± .005 in				DWG NO	
MATERIAL				0010-00401	
				REV	
				003	
		SCALE		ALIO STD TEMPLATE - REV 004	
		SHEET		1 OF 1	