



STANDARD FEATURES

- MOTORS: DUAL HR-4
- STD FORCE 32 N (X & Y)
(CONSULT FACTORY FOR HIGHER FORCE)
- TRAVEL: 100mm (X & Y)
- SPEED: 250mm/sec (X & Y)
- 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
< 2.0um PARALLELISM
- BEARING DYNAMIC LOAD RATING: 4kN
- 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: 2.4 kg

ACCESSORIES

- MOTOR AMPLIFIER

OPTIONAL EQUIPMENT

- MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

ALIO INDUSTRIES PROPRIETARY INFORMATION

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DRAWN	NBROWN	2/15/2005
CHECKED		
Tolerances: x.x ± .04 in x.xx ± .02 in x.xxx ± .005 in		
MATERIAL		

TITLE		
AI-D4-10000E-XY		
SIZE	DWG NO	REV
B	0010-00689	003
SCALE	SHEET 1 OF 1	