



**STANDARD FEATURES**

- MOTOR: HR-2
- STD FORCE 8 N  
(CONSULT FACTORY FOR HIGHER FORCE)
- ROTATION: ± 5 DEG
- SPEED: 180 DEG/SEC (CONTROLLER DEPENDENT)
- ENCODER RESOLUTION: 0.02 ARC-SEC TO 13 ARC-SEC  
0.02 ARC-SEC USING 4096 INTERPOLATION  
(CONTROLLER DEPENDENT)
- SYSTEM REPEATABILITY: +/- 1 ENCODER COUNT  
(CONTROLLER DEPENDENT)
- HOME SENSOR: STANDARD
- BEARINGS: PRECISION ARCHED CROSS ROLLER
- BEARING DYNAMIC LOAD RATING: 1 kN
- SYSTEM LOAD CAPACITY: APPLICATION DEPENDENT  
PLEASE CONSULT THE FACTORY
- ENCLOSURES: ALUMINUM 6061-T6
- 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: 0.86 kg

**ACCESSORIES**

MOTOR AMPLIFIER

**OPTIONAL EQUIPMENT**

MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

ALIO INDUSTRIES PROPRIETARY INFORMATION

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DRAWN		NBROWN		5/2/2005			
CHECKED							
Tolerances:						TITLE	
x.x ± .04 in						AI-HR2-GONI-116	
x.xx ± .02 in							
x.xxx ± .005 in							
MATERIAL		SIZE		DWG NO		REV	
		B		00460		001	
SCALE		ALIO STD TEMPLATE - REV 004		SHEET 1 OF 1			