



STANDARD FEATURES

- MOTOR: HR-2
- STD TORQUE 0.20 N-m
(CONSULT FACTORY FOR HIGHER FORCE)
- ROTATION: 360 DEGREES CONTINUOUS
- SPEED: >270 DEG/SEC
- ENCODER RESOLUTION: 0.02 ARC-SEC TO 20 ARC-SEC
0.02 ARC-SEC USING 4096 INTERPOLATION
(CONTROLLER DEPENDENT)
- SYSTEM REPEATABILITY: +/- 1 ENCODER COUNT
(CONTROLLER DEPENDENT)
- HOME SENSOR: STANDARD
- BEARINGS: PRECISION CROSSED ROLLER
- BEARING DYNAMIC LOAD RATING: 5 kN
- 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 85 DEG C
- HUMIDITY: 10% to 80% NON-CONDENSING
- ASSEMBLY MASS: 0.9 kg

ACCESSORIES

- MOTOR AMPLIFIER
- ROTATION LIMIT MARKERS

OPTIONAL EQUIPMENT

- MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

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DRAWN		TITLE	
NBrown	2/2/2005	AI-80R	
CHECKED		REV	
		003	
Tolerances:		SIZE	DWG NO
x ± 1 mm [x.x ± .04 in]		B	00192
x.x ± 0.5 mm [x.xx ± .02 in]		SCALE	
x.xx ± 0.12 [x.xxx ± .005 in]		SHEET 1 OF 4	
MATERIAL			

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