



STANDARD FEATURES

- MOTORS: DUAL HR-2
- STD TORQUE 0.16 N-m
(CONSULT FACTORY FOR HIGHER FORCE)
- ROTATION: 360 DEGREES CONTINUOUS
- SPEED: >700 DEG/SEC
- ENCODER RESOLUTION: 0.03 ARC-SEC TO 27 ARC-SEC
0.03 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: 6 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: 1.5 kg

ACCESSORIES

- MOTOR AMPLIFIER
- ROTATION LIMIT MARKERS

OPTIONAL EQUIPMENT

- MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

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DRAWN NBROWN		3/3/2005				
CHECKED						
Tolerances: x.x ± .04 in x.xx ± .02 in x.xxx ± .005 in				AI-133R-D		
MATERIAL						
SIZE	B	DWG NO	00148	REV	001	
SCALE			SHEET	1	OF	1