


STANDARD FEATURES
 MOTORS: QUAD HR-2
 STD TORQUE 0.32 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: 1.6 kg

ACCESSORIES
 MOTOR AMPLIFIER
 ROTATION LIMIT MARKERS

OPTIONAL EQUIPMENT
 MOTION CONTROLLERS

CUSTOM DESIGNS FOR OEM INTEGRATION

ALIO INDUSTRIES PROPRIETARY INFORMATION
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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-Q	
MATERIAL					
SIZE B	DWG NO 00148		REV 001		
SCALE		SHEET 1 OF 1			