



**STANDARD FEATURES**  
 MOTOR: (2) MANUAL MICROMETERS  
 COARSE ADJUSTMENT: FULL ROTATION RANGE  
 FINE ADJUSTMENT: 0.1 DEGREE RANGE  
 (CONSULT FACTORY FOR ADDITIONAL OPTIONS)  
 ROTATION: ± 5 DEG  
 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 50 DEG C  
 HUMIDITY: 10% to 80% NON-CONDENSING  
 ASSEMBLY MASS: 1.8 kg

**UPGRADE OPTIONS**  
 UPGRADE TO SINGLE HR2 MOTOR VERSIONS ARE  
 AVAILABLE - CONSULT FACTORY FOR DETAILS

CUSTOM DESIGNS FOR OEM INTEGRATION

ALIO INDUSTRIES PROPRIETARY INFORMATION

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DRAWN	NBROWN	5/2/2005
CHECKED		
Tolerances: x.x ± .04 in x.xx ± .02 in x.xxx ± .005 in MATERIAL		

TITLE		
AI-GONI-064-D-ME		
SIZE	DWG NO	REV
B	00467	001
SCALE	ALIO STD TEMPLATE - REV 004	SHEET 1 OF 1