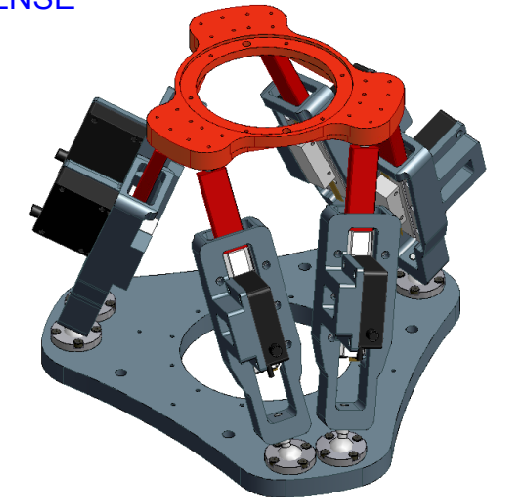


**STANDARD FEATURES**  
 LINEAR WORKING ENVELOPE: 28mm CUBE  
 MAXIMUM Z STROKE: 48mm  
 PITCH, YAW, ROLL RANGE: +/- 20 degrees  
 MOTORS: (6) HR-4 CERAMIC SERVO  
 FORCE, STANDARD: 96 N  
 HEXAPOD SPEED: 200mm/sec  
 ENCODERS: (6) LINEAR OPTICAL  
 ENCODER OUTPUT: ANALOG 1 VOLT, PEAK TO PEAK  
 ENCODER RESOLUTION: 5nm  
 SYSTEM REPEATABILITY: 50nm SERVO (10nm DC MODE)  
 BEARINGS: PRECISION CROSSED ROLLER & PRECISION SPHERICAL JOINT  
 ENCLOSURES: ALUMINUM 6061-T6  
 ENVIRONMENT: STANDARD, CLEAN ROOM, VACUUM 10e-7 TORR, AND VACUUM 10e-10 TORR  
 TEMPERATURE: 0 to 100 DEG C  
 HUMIDITY: 10% to 80% NON-CONDENSING

**INCLUDED EQUIPMENT**  
 MOTION CONTROLLERS (DELTA TAU)  
 MOTOR AMPLIFIERS  
 SOFTWARE AND LICENSE



ALIO INDUSTRIES PROPRIETARY INFORMATION  
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DRAWN	NBROWN	4/22/2005			
CHECKED					
Tolerances:			TITLE		
x.x ± .04 in			<b>AI-HEX-HR4-SS</b>		
x.xx ± .02 in					
x.xxx ± .005 in			SIZE	DWG NO	REV
MATERIAL			B	00516	001
			SCALE	ALIO STD TEMPLATE - REV 004	SHEET 1 OF 1