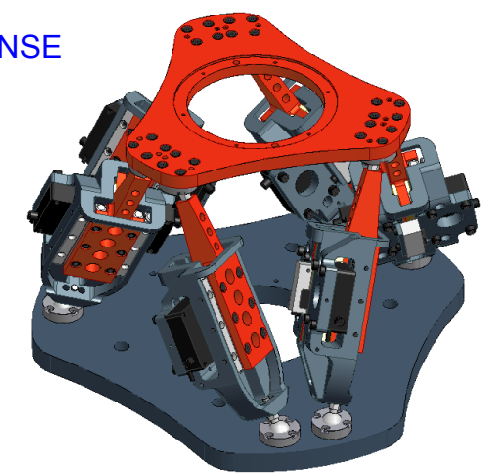


STANDARD FEATURES
 LINEAR WORKING ENVELOPE: 28mm CUBE
 MAXIMUM Z STROKE: 55mm
 PITCH, YAW, ROLL RANGE: +/- 18 degrees
 DEFINED AT X=0, Y=0, & Z=MIDSTROKE POSITION
 MOTORS: (12) HR-4 CERAMIC SERVO
 FORCE, STANDARD: 192 N
 HEXAPOD SPEED: 200mm/sec
 ENCODERS: (6) LINEAR OPTICAL
 ENCODER OUTPUT: ANALOG 1 VOLT, PEAK TO PEAK
 ENCODER RESOLUTION: 5nm
 BEARINGS: PRECISION CROSSED ROLLER &
 PRECISION SPHERICAL JOINT
 STRUCTURE: ALUMINUM 6061-T6
 ENVIRONMENT: STANDARD, CLEAN ROOM, VACUUM
 10e-7 TORR, AND VACUUM 10e-10 TORR
 TEMPERATURE: 0 to 50 DEG C
 HUMIDITY: 10% to 80% NON-CONDENSING
 TOTAL MASS: 10 kg
 MOVING MASS: 2.3 kg

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



ALIO INDUSTRIES PROPRIETARY INFORMATION
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DRAWN NBROWN		1/25/2006				
CHECKED						
Tolerances: x.x ± .04 in x.xx ± .02 in x.xxx ± .005 in				TITLE AI-HEX-HR4		
MATERIAL				SIZE B	DWG NO 0010-00040-003	REV 004
FINISH SEE NOTES				SCALE	ALIO STD TEMPLATE - REV 005	SHEET 1 OF 1