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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	Oct 5, 2011	Gene M

ITEM NO.	PART NAME	DESCRIPTION	VENDOR	QTY.
1	Cheminert 8 Port Valve		Cheminert	1
2	lin5718m-02e	Stepper Motor	Lin Engineering P/N: 5718M-02E	1
3	AMT203-V	Absolute Encoder	CUI P/N: AMT203-V	1
4	mtgBracket3	Mounting Bracket	MBARI	1
5	encoderPlate	Encoder Mounting Plate	MBARI	1
6	ShaftCouplingFairloc	Shaft Coupling	Stock Drive Products P/N: S50FP9-FBC2502	1
7	Regular LW 0.164	#8 Split Lock Washer		2
8	Regular LW 0.19	#10 Split Lock Washer		4
9	DIN 6905-3.2-FSt	3mm Split Lock Washer		4
10	SBHCSCREW 0.164-32x0.25-HX-N	#8 x 1/4" Socket Button Head Cap Screw		2
11	HX-SHCS 0.19-32x0.5x0.5-N	#10 x 1/2" Socket Head Cap Screw		4
12	B18.3.1M - 3 x 0.5 x 6 Hex SHCS -- 6NHX	3mm x 6mm Socket Head Cap Screw		4
13	Regular LW 0.086	#2 Split Lock Washer		2
14	CR-PHMS 0.086-56x0.188x0.188-N	#2 x 3/16" Pan Head Machine Screw		2

Status: In Design

BILL OF MATERIALS							
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS				
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DATE	
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				DRAWN	Gene M.
						ENGINEER	Gene M.
						CHECKED	
						PROJECT NO.	
						PROJECT	
						MAT'L	

Monterey Bay Aquarium Research Institute



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Rotary Valve Ass'y

SIZE B	DWG. NO.	REV. A.02
SCALE 1:2	CAD FILE:	SHEET 1 OF 1