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Mark label
"AS8 SNxH xx/xx/xxxx"

Use USS Ultra Tef-Gel on threads
Moly Kote O-ring Grease 55 on O-ring

O-ring
2-167

Install stud
with blue loctite 4x

O-ring
2-260

Marine Grade Anti-seize on threads
Molykote O-ring Grease 55 on O-ring

DETAIL B
SCALE 3 : 2

Pressure Sensor
Part Number:
Serial Number:

Built Date:
Built by:

SECTION A-A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Upper End Cap		1
2	Homer Head		1
3	Homer Keeper		1
4	Pressure Relief Valve		1
5	Depth Sensor US 300		1
6	Stud-10-32x2.000-McMaster-95412A896		4
7	10020895-017_Diaphragm		1
8	10020895-016_DiaphragmCover		1
9	SocketHeadCapScrew-6-40x0.375	Ti hardware	6
10	SocketHeadCapScrew-6-40x0.500	Ti hardware	3
11	SocketHeadCapScrews-6-40x0.25	Ti hardware	5

Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	CONCEPT DESIGN L. Bird	DATE 11/2012	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Inspector	1 PLACE DIM $\pm 1/16$	INITIAL RELEASE Klimov	DATE 04/03/2013		
Shop Foreman	2 PLACE DIM $\pm .02$	LAST REVISION Klimov	DATE 11/21/2013	DRAWING NAME and FILE NAME 10020895-AS8_EndCapHomer-Assembly	
Engineer	3 PLACE DIM $\pm .005$	CHECKED xx	DATE xx/xx/xxxx		
NEXT ASSY Description	ANGLES $\pm 1^\circ$	PROJECT NO. 901006	PROJECT NAME BEDS	SIZE B	DWG. NO. 10020895-AS8
Application	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.	DO NOT SCALE DRAWING	SCALE 1:2	SHEET 1	OF 1