

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

Attach label: BEDS#x IDxx

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

Attach label "AS8 SNx xx/xx/xxxx"

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:____

Assembly
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	Stud-10-32x2.000-McMaster-95412A896		4
6	SocketHeadCapScrew-6-40x0.375	Ti hardware	6
7	SocketHeadCapScrew-6-40x0.500	Ti hardware	3
8	Depth Sensor PHE163		1

Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	CONCEPT DESIGN DATE L. Bird 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 DATE Klimov 04/03/2013	
Shop Foreman	2 PLACE DIM $\pm .02$	LAST REVISION DATE Klimov 12/14/2015	
Engineer	3 PLACE DIM $\pm .005$	CHECKED DATE xx xx/xx/xxxx	DRAWING NAME and FILE NAME 10020895-AS8B_EndCapHomer-Assembly
NEXT ASSY Description	ANGLES $\pm 1^\circ$	PROJECT NO. 901006	SIZE DWG. NO. B 10020895-AS8B
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.	PROJECT NAME BEDS	REV. SCALE 1:2 SHEET 1 OF 1
	DO NOT SCALE DRAWING		