



CUNIMET[®]
ALLOYS PVT. LTD.

CUNIMET ALLOYS PVT. LTD.
Plot No.17A Parshwa Industries Park ,
Behind New Gidc, Dehari
Umbergaon 396170
www.cunimet.com,
sales@cunimet.com

PILOTED BOSS

Specification: Various
Pressure Rating: 3000 PSI

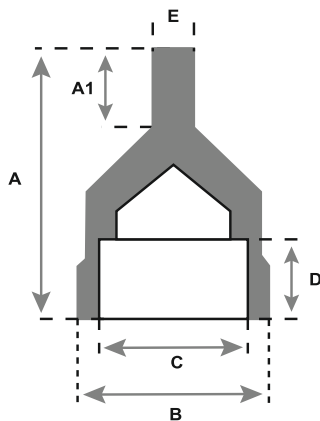
Intended for use with Class 200 or 700
Copper Nickel Tube IAW MIL-T-16420

AVAILABLE ALLOYS:
(FERROUS) CARBON STEEL (A105) &
STAINLESS STEEL (GRADES 304 / 316 / 321 / 347)

(NON-FERROUS) CUNI (90/10 & 70/30),
NICU (MONEL), ALUMINUM AND BRONZE

SERVICE RATING TABLE

Nominal Pipe Size (INCHES)	Maximum Working Pressure (LB/IN ²)	Maximum Temperature (°F)	Maximum Working Pressure (LB/IN ²)	Maximum Temperature (°F)
1/4 through 6	200	425	400	150
Above 6	150	425	250	150



NOMINAL PIPE SIZE	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
P/N	PBOSSX-040	PBOSSX-060	PBOSSX-100	PBOSSX-150	PBOSSX-200	PBOSSX-250	PBOSSX-300	PBOSSX-400
A	1.625	1.625	1.625	1.875	1.938	2.125	2.125	2.500
A1	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
B	1.000	1.125	1.250	1.500	1.875	2.250	2.500	3.000
C	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406
D	0.375 (MIN.)	0.375 (MIN.)	0.375 (MIN.)	0.5 (MIN.)	0.5 (MIN.)	0.5 (MIN.)	0.5 (MIN.)	0.625 (MIN.)
E	0.188	0.313	0.313	0.313	0.313	0.313	0.313	0.313

NOTES: For P/N's replace X with the following codes:

Stainless Steel 304 - **304** Carbon Steel - **CS** Bronze - **B**
Stainless Steel 316 - **316** Cuni 90/10 - **9** Nicu (Monel) - **M**
Stainless Steel 321 - **321** Cuni 70/30 - **7** Aluminum - **A**
Stainless Steel 347 - **347**

*Bosses in accordance with various drawings are available upon request.



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