

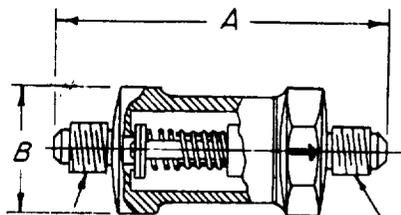
FED. SUP CLASS
4130

Review and user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current Federal Supply Classification Listing of DOD documents.

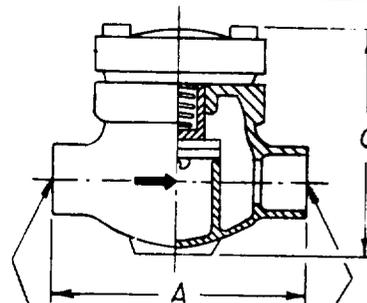
Review
ME YD 82
Army - ME
Navy - YD
USAF - 82

User
CE MC

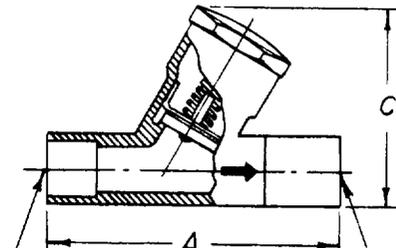
This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



FLARE CONNECTIONS
PIN OR PISTON GUIDED
CONCENTRIC IN LINE
CONFIGURATION A



SOLDER CONNECTIONS
PISTON GUIDED
STRAIGHT BONNET
CONFIGURATION B



SOLDER CONNECTIONS
PISTON GUIDED
ANGLE BONNET
CONFIGURATION C

DASH NO.	CONFIGURATION	TUBING O.D. SIZE (INCHES)	DIMENSIONS (INCHES)		OVERALL
			LENGTH A	ACROSS FLATS B	HEIGHT C
	(A)		± 1/2	MAXIMUM	MAXIMUM
-1	A&C	3/8	2-7/8	1-3/4	4-1/8
-2	A&C	1/2	3-1/2	1-3/4	4-1/8
-3	A&C	5/8	3-3/4	1-3/4	4-1/8
-4	B&C	7/8	4-1/4	-	4-1/8
-5	B&C	1-1/8	5	-	4-1/8

TYPE:
SPRING LOADED DISC, OR OTHER EQUALLY SATISFACTORY METHOD OF DISC LOADING FOR POSITIVE SHUT-OFF AT A MAXIMUM PRESSURE DIFFERENTIAL OF 1-1/2 P.S.I.

OPERATIONAL REQUIREMENTS:
OPERATING PRESSURE (MAXIMUM) 350 PSIG
OPERATING TEMPERATURE (MAXIMUM) 200 DEGREES F.

MATERIAL:
SUITABLE FOR USE WITH REFRIGERANT 12

END CONNECTIONS:
FLARE - IN ACCORDANCE WITH MS 35873
SOLDER - IN ACCORDANCE WITH MS 35925

CONFIGURATIONS:
CONFIGURATIONS ARE OPTIONAL WITH THE MANUFACTURER WITHIN DIMENSIONAL LIMITATIONS INDICATED ABOVE

NOTES:
1. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENT OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

2. REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

P.A. ARMY - GL	TITLE	MILITARY STANDARD
Other Cust NAVY - YD USAF - 82	VALVES, CHECK, REFRIGERANT-12	MS 17810
Procurement Specification MIL-V-23221	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 57 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 15 MAR 1962 REVISED (A) 22 AUG 1967