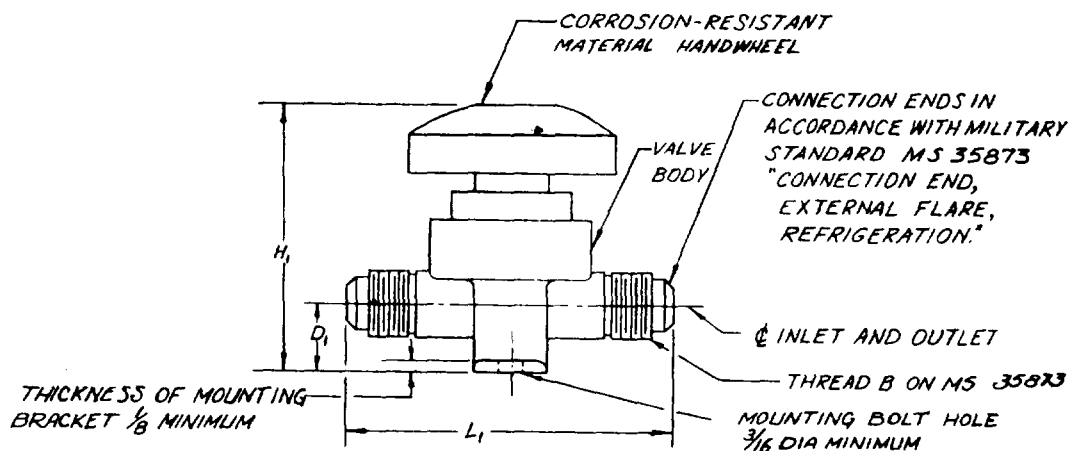


FED SUP CLASS
4130

(C)

DASH NO	TUBE O.D. SIZE	L ₁ MIN	L ₁ MAX	H ₁ FULL OPEN MAX	D ₁ MIN
-1	1/4	2 5/8	3 1/8	3 5/8	9/16
-2	3/8	2 5/8	3 1/8	3 5/8	9/16
-3	1/2	3 1/8	3 5/8	3 7/8	5/8
-4	5/8	3 1/2	4 1/8	4 1/8	3/4

- 1/ MS DASH NUMBERS WITHOUT LETTER DESIGNATES VALVE BACKSEATING ABOVE DIAPHRAGM ONLY
- MS DASH NUMBERS WITH LETTER "U" DESIGNATES VALVE BACKSEATING ABOVE AND BELOW DIAPHRAGM

NOTES

1. VALVE BODY:
A. MATERIAL: FORGED BRASS, ALLOY 377 OF QQ-B-626.
B. FINISH: MANUFACTURERS STANDARD COMMERCIAL.
2. OPERATING REQUIREMENTS:
A. MAXIMUM OPERATING PRESSURE: 300 P.S.I.G.
B. MAXIMUM OPERATING TEMPERATURE: 200 F.
WHEN VALVE IS SUBJECTED TO MAXIMUM OPERATING REQUIREMENTS THERE SHALL BE NO LEAKAGE BY SEAT OR TO THE OUTSIDE AND THE VALVE SHALL OPEN READILY WITH MAXIMUM OPERATING PRESSURE ABOVE SEATING DISK.
3. SEATING DISK AND DIAPHRAGM.
MATERIAL: RESILIENT, CORROSION-RESISTANT, LONG WEARING METAL OR COMPOSITION MATERIAL IMPERVIOUS TO ALL REFRIGERANTS OF THE CHLORO-METHANE FAMILY.
4. ALL SIZES SHOWN ARE OUTSIDE TUBE DIAMETER SIZES.
5. ALL DIMENSIONS GIVEN IN INCHES.
6. VALVE SHALL HAVE THE DIRECTION OF FLOW INDICATED ON BODY, UNLESS VALVE IS NON-DIRECTIONAL.
7. MOUNTING BOLT SPACING IS SUBJECT TO INDUSTRY PRACTICE.
8. VALVE SHALL HAVE AN UNRESTRICTED FLOW AREA AT LEAST EQUIVALENT TO THE AREA OF A CIRCLE HAVING A DIAMETER EQUAL TO THE INSIDE DIAMETER OF THE TUBING.
9. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
10. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.
11. PART NUMBER. THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS 35881-1.

(C)

APPROVED 11 DECEMBER '57 REVISED (A) 29 JULY '66 (B) 19 NOV 1971 (C) 24 FEB 1978

CUSTOMERS ARMY-GL NAVY-SH USAF 99	MILITARY STANDARD		MS 35881
	VALVES, PACKLESS, STOP FLARE CONNECTION ENDS		
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		SHEET / OF /

DD FORM 1 OCT 52 672-1

M-76

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User activities:
Army - ME
Navy - MCReview activity:
DSC-28

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