

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: NONE

This military specification is approved 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, when applicable.

DASH NO.		RELIEF PRESSURE (PSI)		NOMINAL PRESSURE (PSI)	TYPE	L LENGTH (MAX)	NOM	A TOL	B ±.02	C DIA ±.003	D DIA ±.003
		MTN	MAX								
1A		0.25	1	1	PLUNGER	.53	.299	±.007	.20	----	----
1B					BALL	.50	.265	±.005	.19	.158	.063
2A		1	5	5	PLUNGER	.53	.299	±.007	.20	----	----
2B					BALL	.50	.265	±.005	.19	.126	.063
3A		7.50	15	*12 or 15	PLUNGER	.53	.299	±.007	.20	----	----
3B					BALL	.50	.265	±.005	.19	.126	.063
4A		15	25	25	PLUNGER	.53	.299	±.007	.20	----	----
4B					BALL	.50	.265	±.005	.19	.126	.063
5A		45	80	80	PLUNGER	.53	.299	±.007	.20	----	----
5B					BALL	.50	.265	±.005	.19	.126	.063
6A		80	120	120	PLUNGER	.53	.299	±.007	.20	----	----
6B					BALL	.50	.265	±.005	.19	.126	.063
10A		250	375	*350 or 375	PLUNGER	.53	.299	±.007	.20	----	----
10B					BALL	.50	.265	±.005	.19	.126	.063
7A		400	650	600	PLUNGER	.53	.299	±.007	.20	----	----
8A		700	1000	800	PLUNGER	.53	.299	±.007	.20	----	----
9B		1200	1700	1500	BALL	.53	.280	±.005	.22	.080	.094

NOTES: (D) DENOTES CHANGE

- MATERIAL:** Ball-Steel, in accordance with ASTM A108, composition 1010 thru 1020.
Body and Plunger-Steel, in accordance with ASTM A108, composition 1212, 1213, or 12L14.
Spring-Steel, in accordance with QQ-W-470.
Washer and Plug-Steel, in accordance with QQ-S-698, cold-rolled strip, temper no. 4, or hot-rolled commercial quality strip.
- PROTECTIVE COATING:** Cadmium Plate in accordance with QQ-P-416, type II, class 1.
Zinc Plate in accordance with ASTM B633, type II, class 1.
- THREADS:** The threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook, H28, except that the effective thread shall be shortened by one thread on the large end.
- DIMENSIONS:** All dimensions are in inches unless otherwise specified.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.
Example: MS35670-1A Plunger type safety relief valve with a 1 psi nominal pressure.
MS35670-1B Ball type safety relief valve with a 1 psi nominal pressure.
- Referenced documents shall be of the issue in effect on the date of invitations for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Stamp nominal pressure in .06 inch high figures.
- Manufacturer's option.

PREPARING ACTIVITY: MI
CUSTODIANS: ARMY- MI NAVY-
AIR FORCE- 99 DLA-

REVIEW: CS
USER: GL, AR, AV
PROJECT NUMBER: 4820-0633

MILITARY SPECIFICATION SHEET

TITLE:

VALVE, SAFETY RELIEF

SPECIFICATION SHEET NUMBER
MS 35670

SUPERSEDING

AMSC- N/A FSC- 4820

DISTRIBUTION STATEMENT:
A. Approved for public release; distribution is unlimited.

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