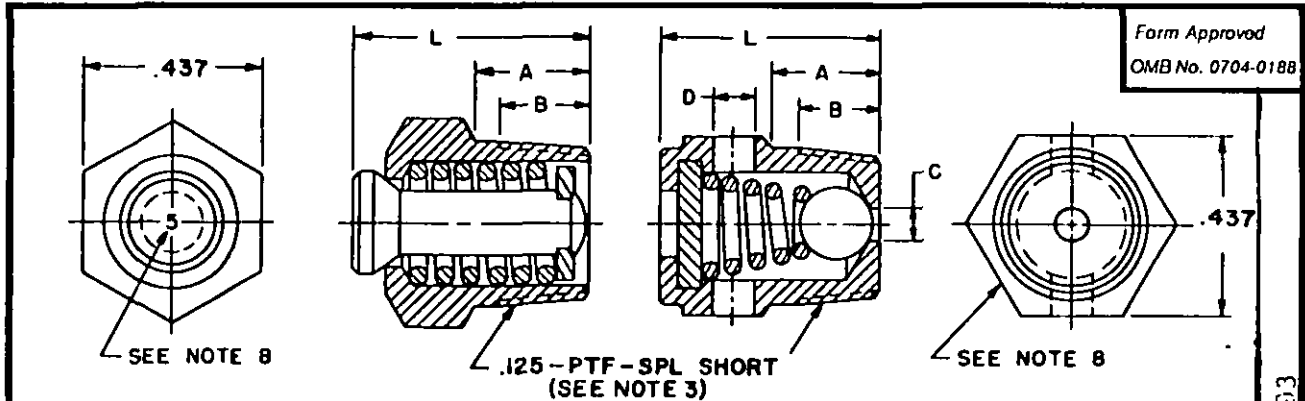


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: NONE

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.



Form Approved
OMB No. 0704-0188

PLUNGER TYPE

BALL TYPE

DASH NO.	RELIEF PRESSURE (PSI)		NOMINAL PRESSURE (PSI)	TYPE	L LENGTH (MAX)	NOM	A TOL	B ±.02	C DIA ±.003	D DIA ±.003
	MIN	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:

Ⓢ 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, push 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-	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.		Page <u>1</u> of <u>1</u>

APPROVED 18 APR 56 REVISED 19 SEP 67 28 SEP 73 1 MAR 77 11 JUN 1993