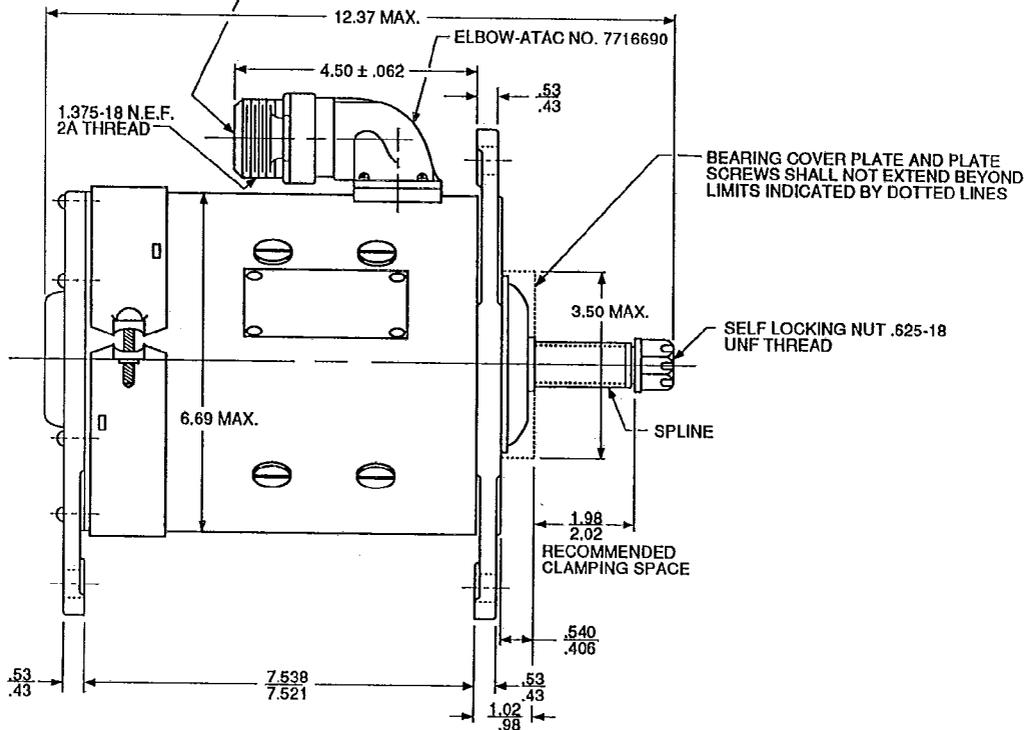
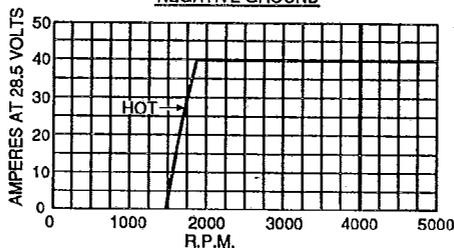


CONNECTOR: ATAC NO. 7388319
MATING PLUG: ATAC NO. 722367
FOR CONVENIENCE OF INSTALLATION, CONNECTOR MAY
BE ROTATED 90° LEFT OR RIGHT OF POSITION SHOWN.



NEGATIVE GROUND



MINIMUM GENERATOR PERFORMANCE AT 77° AMBIENT WITH FULLY SEATED BRUSHES.

PERFORMANCE CHARACTERISTICS:

1. MAXIMUM RECOMMENDED OPERATING SPEED-4000 RPM.
2. MAXIMUM INTERMITTENT TOP SPEED-5000 RPM.
3. GENERATOR PERFORMANCE WHEN USED WITH REGULATOR, PART NO. MS13803-1.

DISTRIBUTION STATEMENT A. Approved for public release, distribution is unlimited.
 This military standard 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.

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P.A. ARMY - ME	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust		GENERATOR, ENGINE ACCESSORY, D.C., 28-VOLT, 40-AMP	
NAVY - YD			MS13804
Procurement Specifications	SUPERSEDES:		SHEET 1 OF 3
MIL - G - 12604			

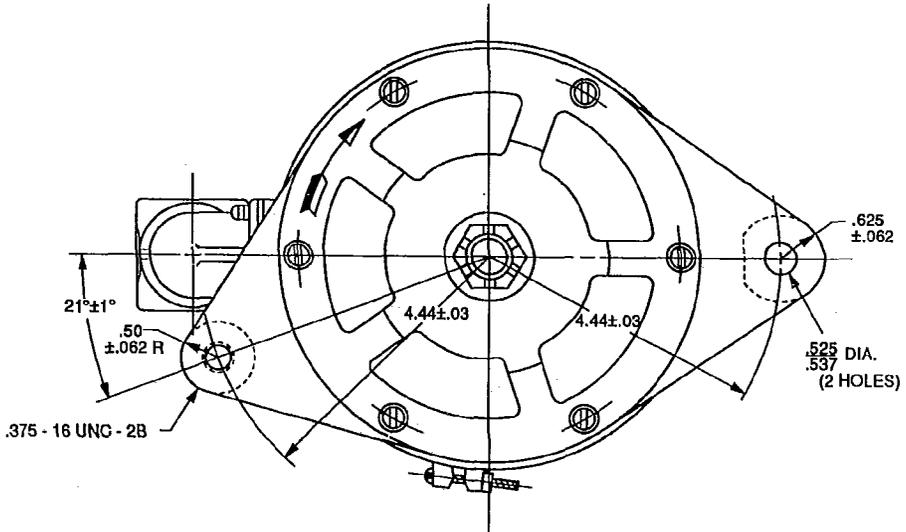
NOTES:

- (D) 1. THIS GENERATOR IS IDENTIFIED BY PART NO'S. 7344736 AND 10950808 OF REFERENCED PROCUREMENT SPECIFICATION.
- 2. SPLINE DATA:
 GENERAL - 13 TEETH; 16/32 PITCH; 30° PRESSURE ANGLE; 8125 PITCH DIAMETER;
 INTERNAL - SHALL BE TRUE INVOLUTE INSIDE GIVEN DIAMETER OF .8676; .1963 CIRCULAR PITCH; .0994/.0982 TOOTH SPACE ON PITCH LINE; .8750/.8800 MAJOR DIAMETER; .7582/.7533 MINOR DIAMETER; .6533 MAX. OVER .108 DIAMETER PINS.
 EXTERNAL - SHALL BE TRUE INVOLUTE OUTSIDE GIVEN DIAMETER OF .7493; .1963 CIRCULAR PITCH; .8636/.8586 MAJOR DIAMETER; .7335/.7225 MINOR DIAMETER; .9896/.9859 BETWEEN .120 DIAMETER PINS.
- 3. MODIFICATIONS IN OUTSIDE APPEARANCE AND CONSTRUCTION SHALL BE ACCEPTABLE IF UNIT INTERCHANGEABILITY IS NOT AFFECTED.
- 4. DESIGN OF COOLING FAN USED WITH THIS GENERATOR WILL VARY WITH APPLICATION. CONSULT GENERATOR MANUFACTURER FOR CORRECT COOLING FAN DESIGN.
- 5. BOTH THE COMMUTATOR AND DRIVE-END BEARINGS SHALL BE PROTECTED, BOTH INSIDE AND OUTSIDE WITH A LABYRINTH TYPE DUST SHIELD.
- 6. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- (D) 7. UNLESS OTHERWISE INDICATED, COPIES OF FEDERAL AND MILITARY SPECIFICATIONS, STANDARDS, AND HANDBOOKS ARE AVAILABLE FROM THE STANDARDIZATION DOCUMENTS ORDER DESK, BUILDING 4D, 700 ROBBINS AVENUE, PHILADELPHIA, PA 19111-5094.
- (D) 8. ALL DIMENSIONS ARE IN INCHES.
- 9. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS DOCUMENT AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS DOCUMENT TAKES PRECEDENCE. NOTHING IN THIS DOCUMENT, HOWEVER, SUPERSEDES APPLICABLE LAWS AND REGULATIONS UNLESS A SPECIFIC EXEMPTION HAS BEEN OBTAINED.

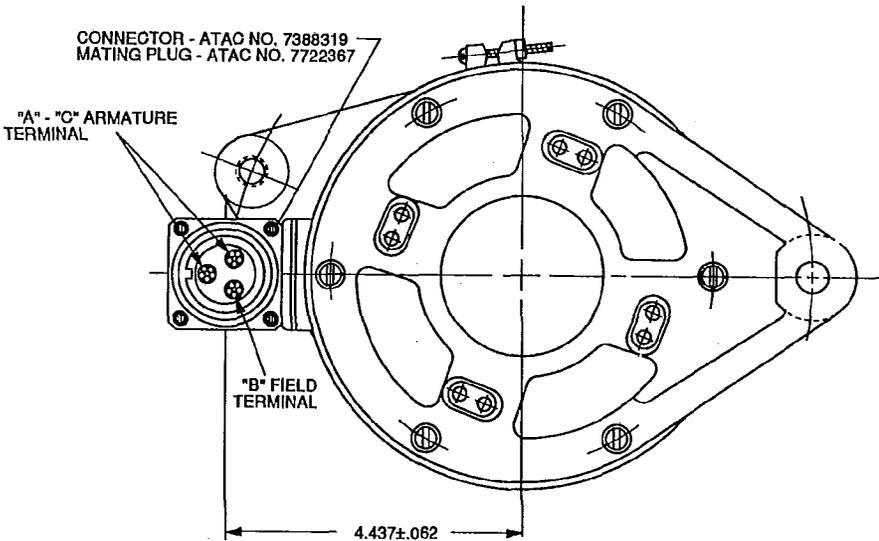
(D) DENOTES CHANGE

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P.A. ARMY - ME Other Cust NAVY - YD	INTERNATIONAL INTEREST	TITLE GENERATOR, ENGINE ACCESSORY, D.C., 28-VOLT, 40-AMP	MILITARY STANDARD
			MS13804
Procurement Specifications MIL - G - 12604	SUPERSEDES:	SHEET 2 OF 3	



ROTATION C. W.
DRIVE END VIEW



COMMUTATOR END VIEW

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P.A. ARMY - ME Other Cust NAVY - YD	INTERNATIONAL INTEREST	TITLE GENERATOR, ENGINE ACCESSORY, D.C., 28-VOLT, 40-AMP	MILITARY STANDARD MS13804
Procurement Specifications MIL - G - 12604	SUPERSEDES:		SHEET 3 OF 3