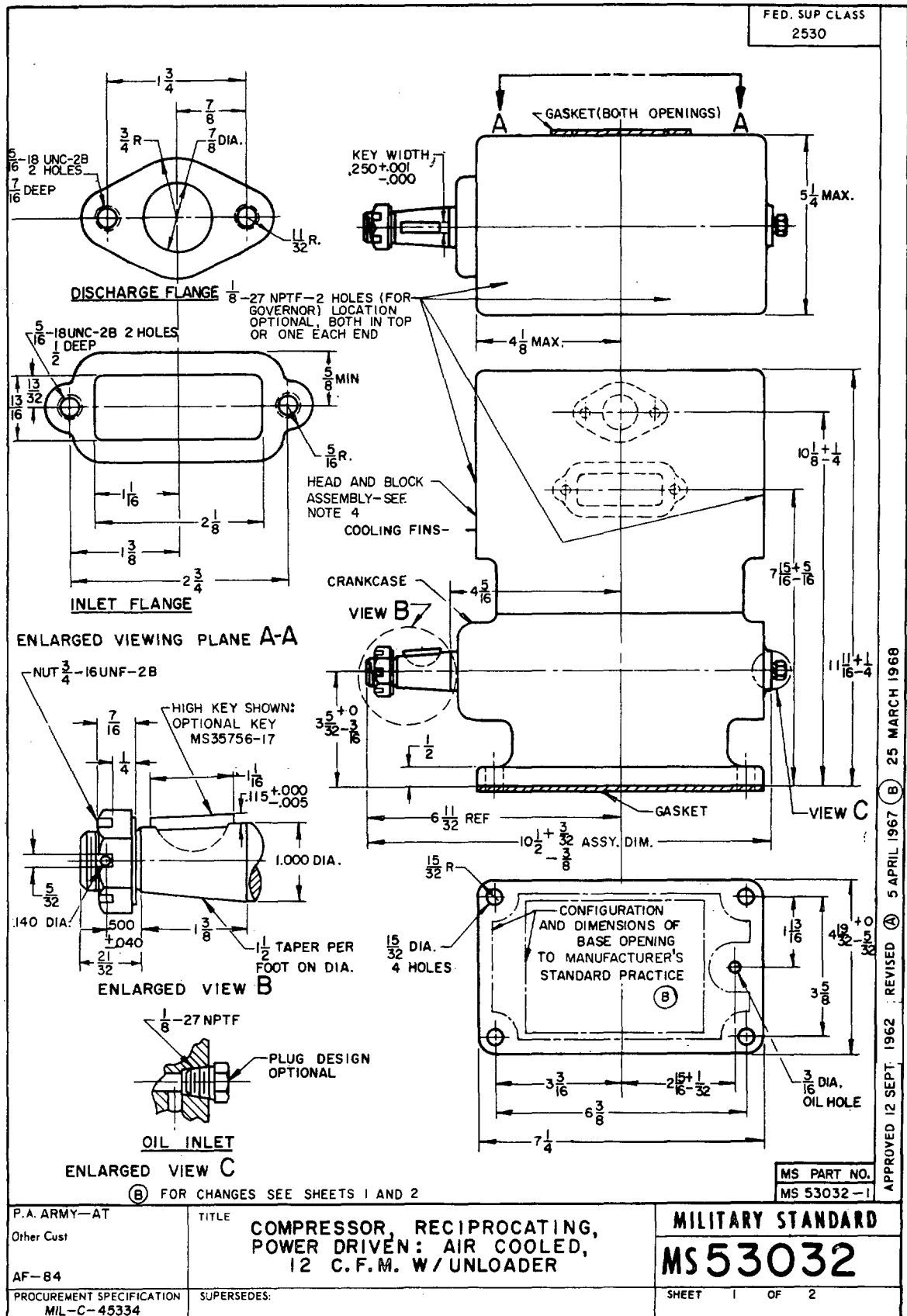


REVIEW ACTIVITY: AF-85  
 USER ACTIVITIES: ARMY-ME; NAVY-MC, YD

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FED. SUP CLASS  
2530

(B)

## NOTES:

1. THIS COMPRESSOR SHALL CONFORM TO MIL-C-45334, TYPE II.
2. RECOMMENDED MAXIMUM OPERATING SPEED 2400 RPM.
3. MAXIMUM BUILD-UP TIME TO PUMP A 1000 CU. IN. RESERVOIR TO 100 PSIG:  
21 SECONDS - AT COMPRESSOR SPEED OF 2400 RPM.  
33 SECONDS - AT COMPRESSOR SPEED OF 1200 RPM.
4. COMPRESSOR SHALL BE CONSTRUCTED TO ALLOW 180° ROTATION OF THE HEAD AND BLOCK ASSEMBLY TO PROVIDE FOR RIGHT OR LEFT LOCATION OF THE INLET AND DISCHARGE FLANGES. MANUFACTURER SHALL FURNISH AN INSTRUCTION SHEET, TOGETHER WITH A SPARE GASKET FOR EACH COMPRESSOR.
5. MAXIMUM WEIGHT: 37 POUNDS.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE  $\pm 1/64$  ON FRACTIONS,  $\pm .005$  ON DECIMALS,  $\pm 1^\circ$  ON ANGLES,  $\pm 1/16$  ON CASTINGS.
7. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H28.
8. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON, BY DIMENSIONS, NOTATIONS, OR REFERENCED DOCUMENTS.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
10. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
11. MARKING SHALL CONSIST OF THE MS PART NUMBER, MANUFACTURER'S IDENTIFICATION AND SERIAL NUMBER IN ACCORDANCE WITH MIL-STD-130.

APPROVED 12 SEPT 1962 REVISED (A) FOR CHANGES SEE SHEETS 1 AND 2 (B) FOR CHANGES SEE SHEETS 1 AND 2

P.A. ARMY-AT Other Cust	TITLE <b>COMPRESSOR, RECIPROCATING, POWER DRIVEN: AIR COOLED, 12 C.F.M. W/UNLOADER</b>	MILITARY STANDARD <b>MS53032</b>
AF-84	SUPERSEDES:	SHEET 2
PROCUREMENT SPECIFICATION MIL-C-45334		

DD FORM 672-1 COORDINATED  
1 SEP 57

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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