| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | LTR | DESCRIPTION | DATE (YR-MO-DA) | APPROVED |
| | X0 | (ZERO) | | |
| | – | PRODUCT BASELINE (GDLM-7270) | 00-12-22 | JAF CKR |

NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
   A. DOD-STD-00100D (AR)
   B. ANSI Y14.5M-1982

2. MATERIAL:
   HIMOD 60, TURCON 29, POLYURETHANE, TUREL BAE OR P

3. ITEM IDENTIFICATION: APPLY THE FOLLOWING MARKING TO CONTAINER IN ACCORDANCE WITH MIL-STD-130
   19207SOCN [ ] — SEE TABLE
   MFR- [ ] — MANUFACTURER'S CAGE CODE

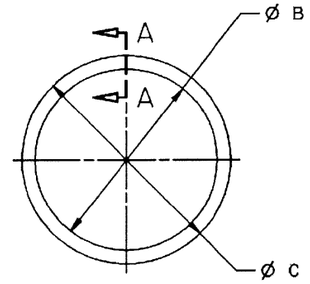
4. APPLICATION: HYDRAULIC CYLINDERS AT 3700 PSI OPERATING PRESSURE. MUST BE COMPATIBLE WITH MIL-H-46170

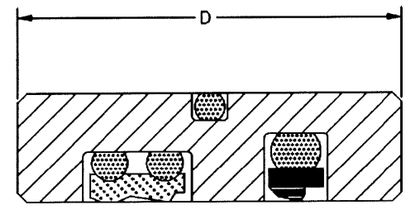
5. SEAL PACK ASSEMBLIES TO PROVIDE SEALING FOR THE GROOVE WIDTHS, DIAMETERS AND ROD DIAMETERS SHOWN IN THE TABULATION.

6. FLUID OPERATING TEMPERATURE RANGE -25°F TO 200°F.

7. ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR(S) LISTED HEREON IS APPROVED BY THE U.S.ARMY TANK-AUTOMOTIVE COMMAND (TACOM), WARREN, MI 48397-5000 FOR USE IN THE APPLICATION(S) SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY TACOM.

   IDENTIFICATION OF THE APPROVED SOURCE(S) OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THIS DRAWING.




SECTION A-A
SCALE: 4/1

| APPROVED SOURCE(S) OF SUPPLY | | | | |
|---|---|---|---|---|
| PART NO. | VENDOR ADDRESS | VENDOR CAGE CODE | VENDOR PART NO. | ITEM IDENTIFICATION |
| 12326493-1 | SHAMBAN SEAL DIV. 2531 BREMER DR. FORT WAYNE, IN 46801 | 09257 | S38537-3003 | 19207SOCN12326493-1 MFR-09257 |
| 12326493-2 | SHAMBAN SEAL DIV. 2531 BREMER DR. FORT WAYNE, IN 46801 | 09257 | S38537-3001 | 19207SOCN12326493-2 MFR-09257 |
| 12326493-3 | SHAMBAN SEAL DIV. 2531 BREMER DR. FORT WAYNE, IN 46801 | 09257 | S38537-3004 | 19207SOCN12326493-3 MFR-09257 |
| 12326493-4 | SHAMBAN SEAL DIV. 2531 BREMER DR. FORT WAYNE, IN 46801 | 09257 | S38537-3002 | 19207SOCN12326493-4 MFR-09257 |

| PART NO. | INNER Ø B | OUTER Ø C | D | GROOVE WIDTH (REF) | GROOVE Ø (REF) | ROD Ø (REF) |
|---|---|---|---|---|---|---|
| 12326493-1 | 5.003/5.011 | 5.742/5.752 | 1.314/1.324 | 1.320/1.324 | 5.750/5.752 | 4.997/5.000 |
| 12326493-2 | 1.378/1.384 | 2.119/2.127 | 1.314/1.324 | 1.320/1.324 | 2.125/2.127 | 1.374/1.375 |
| 12326493-3 | 4.500/4.512 | 5.237/5.250 | 1.490/1.500 | 1.501/1.512 | 5.250/5.252 | 4.497/4.500 |
| 12326493-4 | 1.753/1.759 | 2.494/2.502 | 1.314/1.324 | 1.320/1.324 | 2.500/2.502 | 1.749/1.750 |

DISTRIBUTION STATEMENT C. DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS FOR CONTROL OF CRITICAL TECHNOLOGY (97-08-12). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO SFAE-ASM-AB-S.

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SOURCE CONTROL DRAWING

PART NO. SEE TABLE

| MECHANICAL PROPERTIES | |
|---|---|
| YP | |
| TS | |
| EL2 | |
| RA | |
| BH | |
| RH | |

| PMIC A | |
|---|---|
| | |
| | |
| | |
| | |
| | M60A1 AVLB |
| 12326513 | M48A5 AVLB |
| NEXT ASSY | USED ON |
| APPLICATION | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON: 2 PLACES ± ——— 3 PLACES ± ———

| | |
|---|---|
| DFTG SUPV | J. PARUCH |
| PRODUCIBILITY ENGRG | A.W. HAGLUND |
| MFG ENGRG | C.E. ENGLE |
| LOG. ENGRG | A.A. OERY |
| MATL ENGRG | C.F. ZIMMERMANN |

| | |
|---|---|
| CONTRACT NUMBER | DAAE07-95-C-X091 |
| CONTRACTOR | GENERAL DYNAMICS Land Systems Division |
| DRAWN BY | D. LADENSACK |
| DATE (YR-MO-DA) | 97-08-12 |
| CHECKER | G. NOVELLI |
| ENGINEER | C. CLIZER |
| DRAWING APPROVAL-GOVT | JOSE R. MABESA |
| DESIGN APPROVAL-GOVT | DANIEL G. LAM |

DESIGN ACTIVITY
U.S. ARMY TANK-AUTOMOTIVE COMMAND
WARREN, MICHIGAN 48397-5000

SEAL PACK ASSEMBLY

| SIZE | CAGE CODE | |
|---|---|---|
| D | 19207 | 12326493 |

SCALE 1/2 | UNIT WT ——— | SHEET ———

TACOM-D1-88

COMPUTER REPRODUCIBLE
DRW.12326493.--

12326493