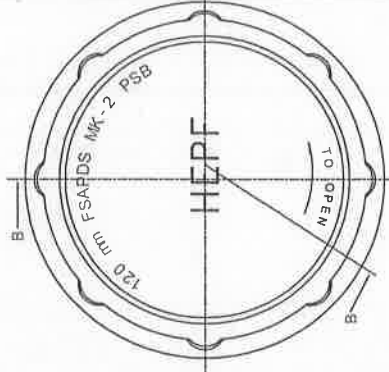
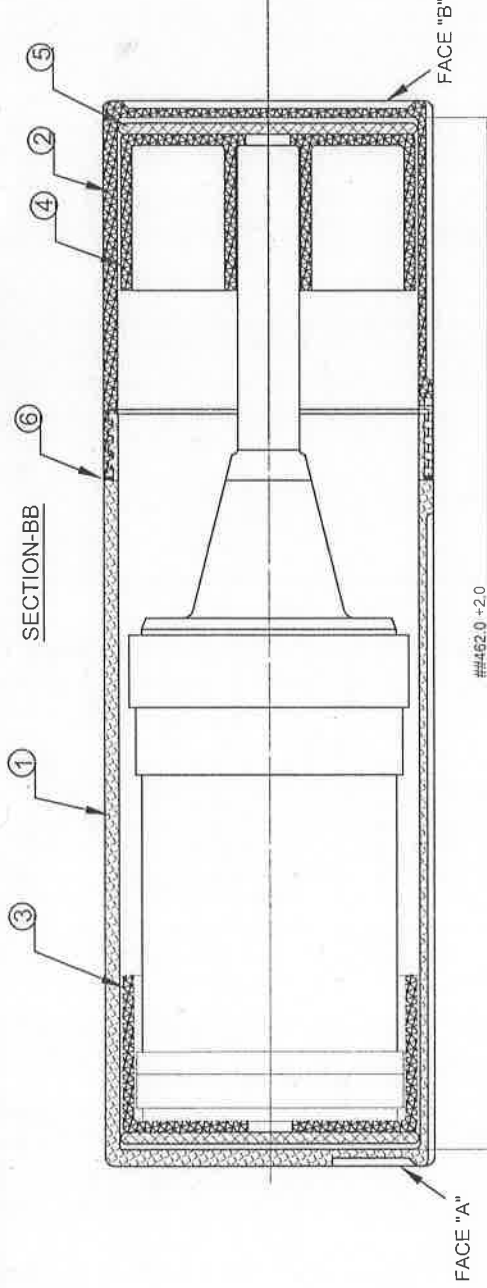


|                 |     |
|-----------------|-----|
| DRG. No         | REV |
| H OMA 120 2 145 | 1   |



IMPORTANT NOTE: MANUFACTURER SHALL ENSURE ## THIS MARKED DIMENSIONS AND TO BE MEASURED

ALL OTHER DIMENSIONS TO BE ENSURE THE FITMENT/STRENGTH/SAFETY/MANUFACTURING PURPOSE ONLY

1. MATERIAL (FOR ITEM 1, 2, 3 & 4)  
HIGH DENSITY POLYETHYLENE TO SPEC.. JSS 9330-03:2014 ORANGE COLOUR.
2. HARDNESS (FOR ITEM NO. 5): CLASS 'C2' 51 TO 55 NOT TO EXCEED HIGH LIMIT
3. ITEM NO. 6 TO BE FREE FROM FLASH ON SURFACE, PRESERVED IN TALC DUST.  
TO BE APPLIED WITH SILICON GREASE BEFORE ASSEMBLY.
4. CONTAINER WITH SHOT SHALL CONFORM TO SPEC.. FOR DROP TEST-JSG 0102.
5. ITEM NO. 5 TO BE PASTED INSIDE BOTTOM OF THE ITEM NOS. 1 & 2 RESPECTIVELY
6. DRAFT ANGLE 0.25° UNLESS OTHERWISE SPECIFIED FOR MOULDING PURPOSE
7. ALL SHARP EDGES TO BE ROUNDED OFF WITH R1

8. MARKING :-

"HEPF" AS SHOWN IN ITEM NO. 2 (LID) (TO BE EMBOSSED IN 20 SIZE & 2 THICK AT FACE 'A')

FOLLOWING DETAILS ARE TO BE EMBOSSED IN FACE 'B' OF ITEM NO. 1 (BODY)

- ⊕ YEAR OF MANUFACTURING
- + 120mm FSAPDS MK-II PSB TO BE EMBOSSED IN SIZE 8mm X 1.2mm THICKNESS
- ☐ MANUFACTURE'S INITIAL

9. THE PLASTIC CONTAINER SHOULD BE DESIGNED SUCH THAT, FINAL SHOT ASSEMBLY PACKED ALONG WITH TOP & BOTTOM SLEEVES USING 0.5mm THICK POLYURETHANE BAG SHOULD FREELY ENTER THE BODY & LID WHILE PACKING.

10. ALL RADIUS DIMS. ARE ONLY FOR REFERENCE (MANUFACTURING PURPOSE ONLY)

| SL.NO | DESCRIPTION   | MATERIAL                                  | QTY |
|-------|---------------|-------------------------------------------|-----|
| 6     | GASKET        | NEOPRENE RUBBER TO SPEC: IND/ME/884(PIRV) | 1   |
| 5     | CUSHION PAD   | SPONGE RUBBER TO commercial grade         | 2   |
| 4     | SLEEVE TOP    | NOTE - 1                                  | 1   |
| 3     | SLEEVE BOTTOM | NOTE - 1                                  | 1   |
| 2     | LID           | NOTE - 1                                  | 1   |
| 1     | BODY          | NOTE - 1                                  | 1   |

ALL DIMENSIONS ARE IN mm

| MATERIAL           | ALTERATIONS                                                                                                                       | DATE     | LATEST REFERENCE :- |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| ---                | Cushion pad material spec IND/ME/645 has amended as commercial grade                                                              | 07.06.24 | DRAWN               |
| HEAT TREAT/GROUND  | Lid/body height's amended; Thread profile & dimension amended; In place of triple start thread was amended as single start thread |          | CHECKD. USER SEC.   |
| ---                | Dimensions and Tolerances are amended which facilitating to moulding process                                                      |          | CHECKD. QAP         |
| SURFACE TREAT      | Dims & Tol amended for moulding & OFB emblem removed. Note 9 added                                                                |          | APPROD.             |
| ---                | Rev.                                                                                                                              |          | DATE                |
| SUR. FINISH/COAT   | TITLE :                                                                                                                           |          | SHEET               |
| ---                | CONTAINER FOR 120mm FSAPDS MK-II PSB                                                                                              |          | 05.01.05            |
| EST MASS PRO/FINAL | HIGH ENERGY PROJECTILE FACTORY                                                                                                    |          | SCALE               |
| ---                | TIRUCHIRAPALLI                                                                                                                    |          | NTS                 |
|                    | DRG. NO:                                                                                                                          |          | REV                 |
|                    | H OMA 120 2 145                                                                                                                   |          | 1                   |

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|



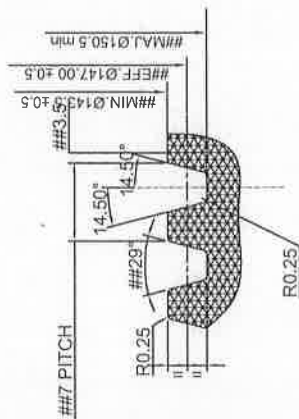
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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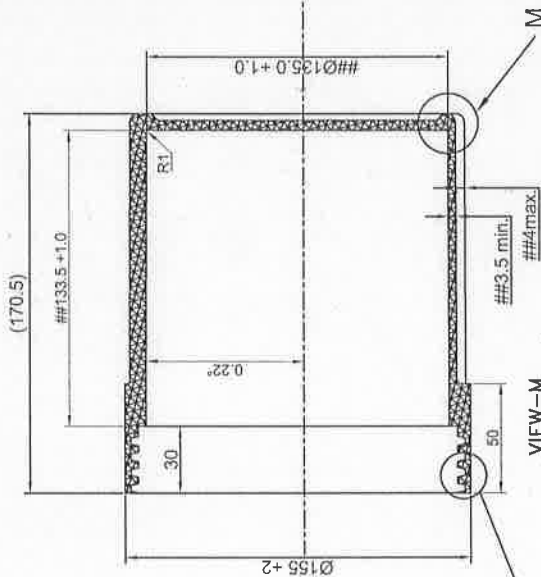
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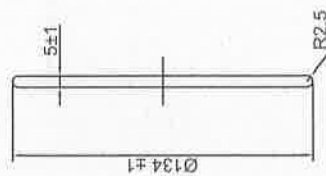
|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

② LID

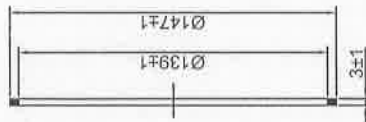
### ACME THREAD DETAILS



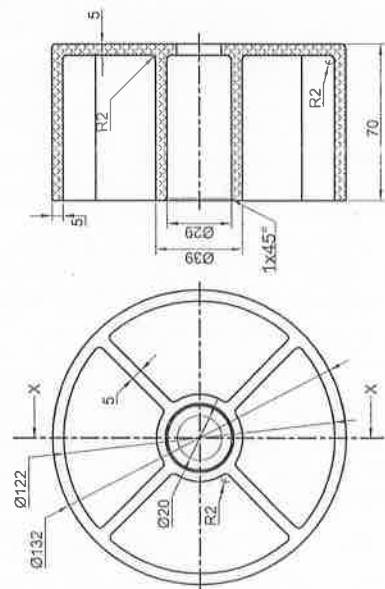
⑤ CUSHION PADS



⑥ GASKET



④ SLEEVE TOP



## SECTION AT XX

|                       |  |                                                                       |                                                                                                                                  |                     |                                                                                     |
|-----------------------|--|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|
| MATERIAL              |  | Cuchion pad material spec. INO/ME/645 has amended as commercial grade |                                                                                                                                  | LATEST REFERENCE :- |                                                                                     |
| --                    |  | 1                                                                     | Lid/body heights amended; Thread profile & dimension amended; In place of triple start thread was amended as single start thread | DRAWN               |  |
| HEAT TREAT / GROUND   |  |                                                                       | Dimensions and Tolerances are amended which facilitating to moulding process                                                     | CHECKD. USER        |  |
| --                    |  |                                                                       | Dims. & Tol amended for moulding & OFB emblem removed.                                                                           | CHECKD. QAP         |  |
| SURFACE TREAT         |  | Rev                                                                   | ALTERATIONS                                                                                                                      | DATE                |                                                                                     |
| --                    |  | TITLE :                                                               |                                                                                                                                  | APPRD.              | SHEET                                                                               |
| SUR. FINISH / COAT    |  | CONTAINER FOR 120mm FSAPDS<br>MK-II PSB                               |                                                                                                                                  | DATE                | 05.01.05                                                                            |
| --                    |  |                                                                       |                                                                                                                                  | SCALE               | 3 OF 3                                                                              |
|                       |  |                                                                       | HIGH ENERGY PROJECTILE FACTORY                                                                                                   | DRG. NO.            | REV                                                                                 |
|                       |  |                                                                       | TIRUCHIRAPALLI                                                                                                                   |                     |                                                                                     |
| EST. MASS PRO / FINAL |  |                                                                       |                                                                                                                                  |                     |                                                                                     |
| --                    |  |                                                                       |                                                                                                                                  |                     |                                                                                     |