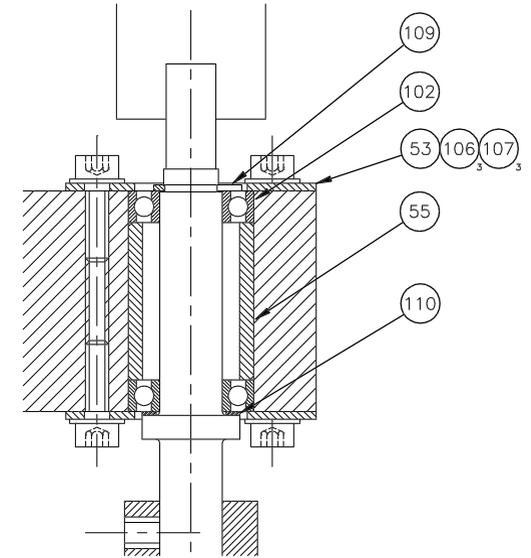
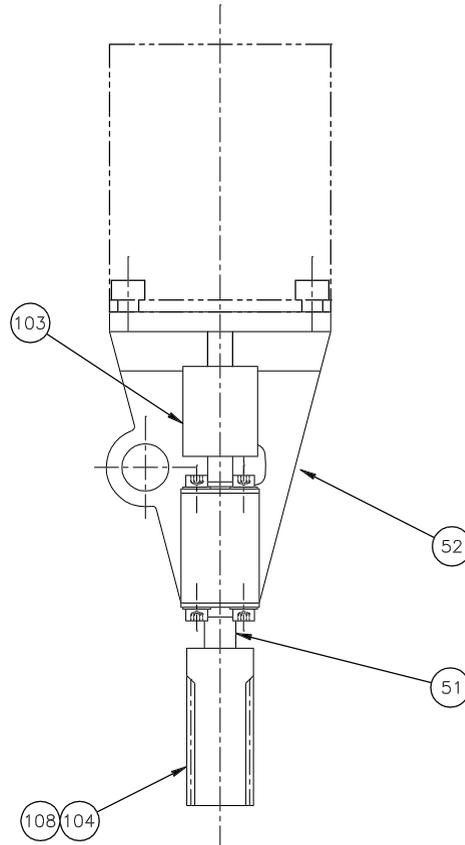
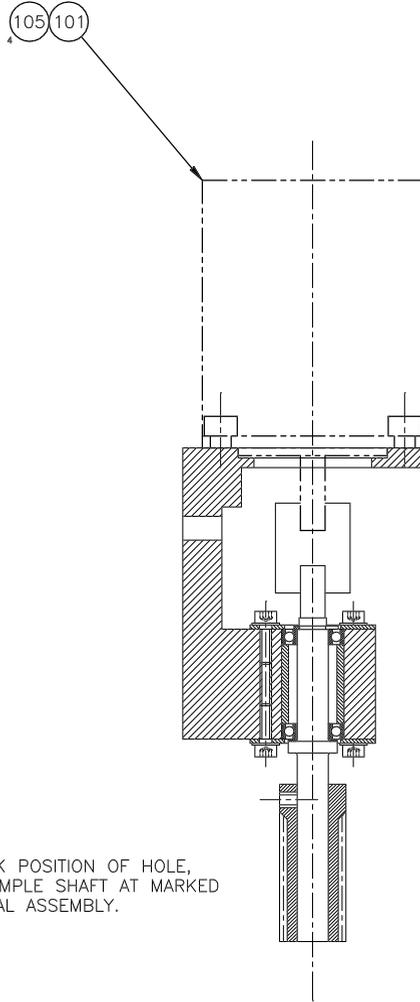


3 HOLES $\phi 3.2$ THRO'
SPACED ON A 24
P.C.D. AS SHOWN.

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09.10.97
PRELIMINARY ISSUE: 3
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| | | | | | | | | | | | | |
|-------------------|-------------------|----------|---------|----------|--------|----------|-----------------------------------|--|---|-----------------|-------------------|----------|
| | | | | | | | UNLESS OTHERWISE STATED | MATERIAL ALUMINIUM ALLOY BS 1470 6082 TF |  ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM  | | | |
| | | | | | | | DIMENSIONS ARE IN mm | FINISH NATURAL | TITLE BEARING END PLATE MOTOR SUB-ASSEMBLY | | | |
| | | | | | | | GENERAL TOLERANCE: ± 0.1 | USED ON B0105 | ORIGINAL SHEET A4 | LOCATION N/A | DWG. No. B0153 | REV 1 |
| | | | | | | | ANGULAR TOLERANCE: \pm | DO NOT SCALE THIS DRAWING | | | | |
| | | | | | | | SURFACE FINISH: 1.6/ (MICRONS) | ORIGINAL SCALE 2:1 | | | | |
| | | | | | | | REMOVE ALL SHARP EDGES | SHEET 1 OF 1 | | | | |
| 1 | PRELIMINARY ISSUE | R.M.T | N/A | N/A | N/A | 04.09.97 | | | | | | |
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE | | | | | | |
| ISSUE DESCRIPTION | | | | | | | | | | | | |



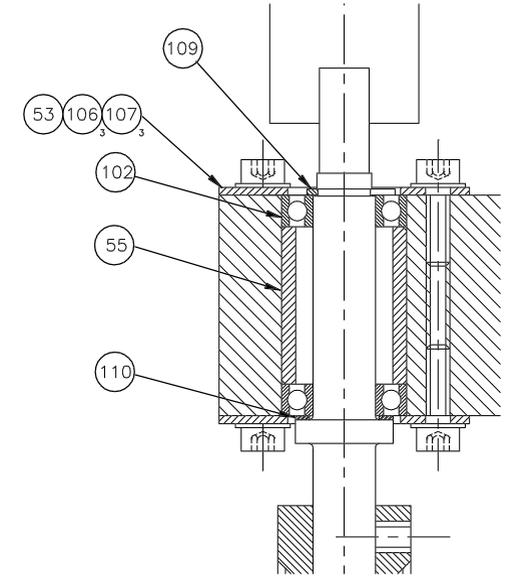
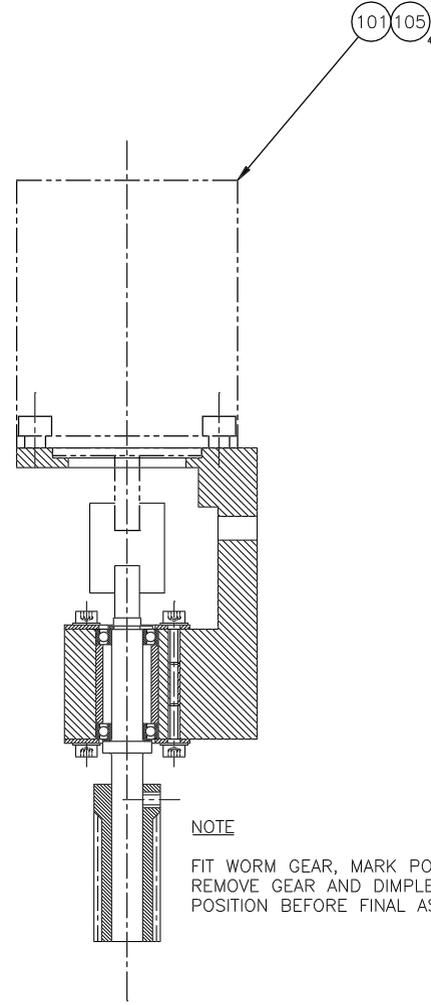
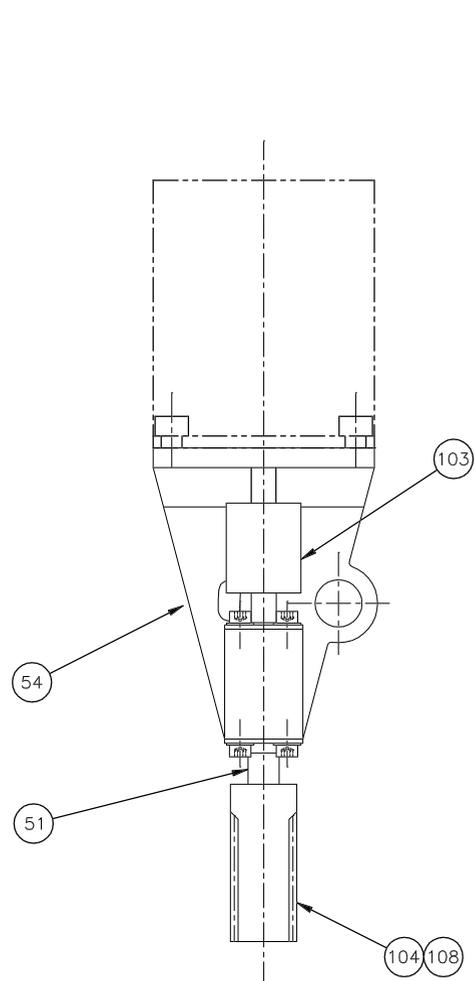
BEARING AND LOCATION
DETAILS SCALE 2:1

NOTE

FIT WORM GEAR, MARK POSITION OF HOLE,
REMOVE GEAR AND DIMPLE SHAFT AT MARKED
POSITION BEFORE FINAL ASSEMBLY.

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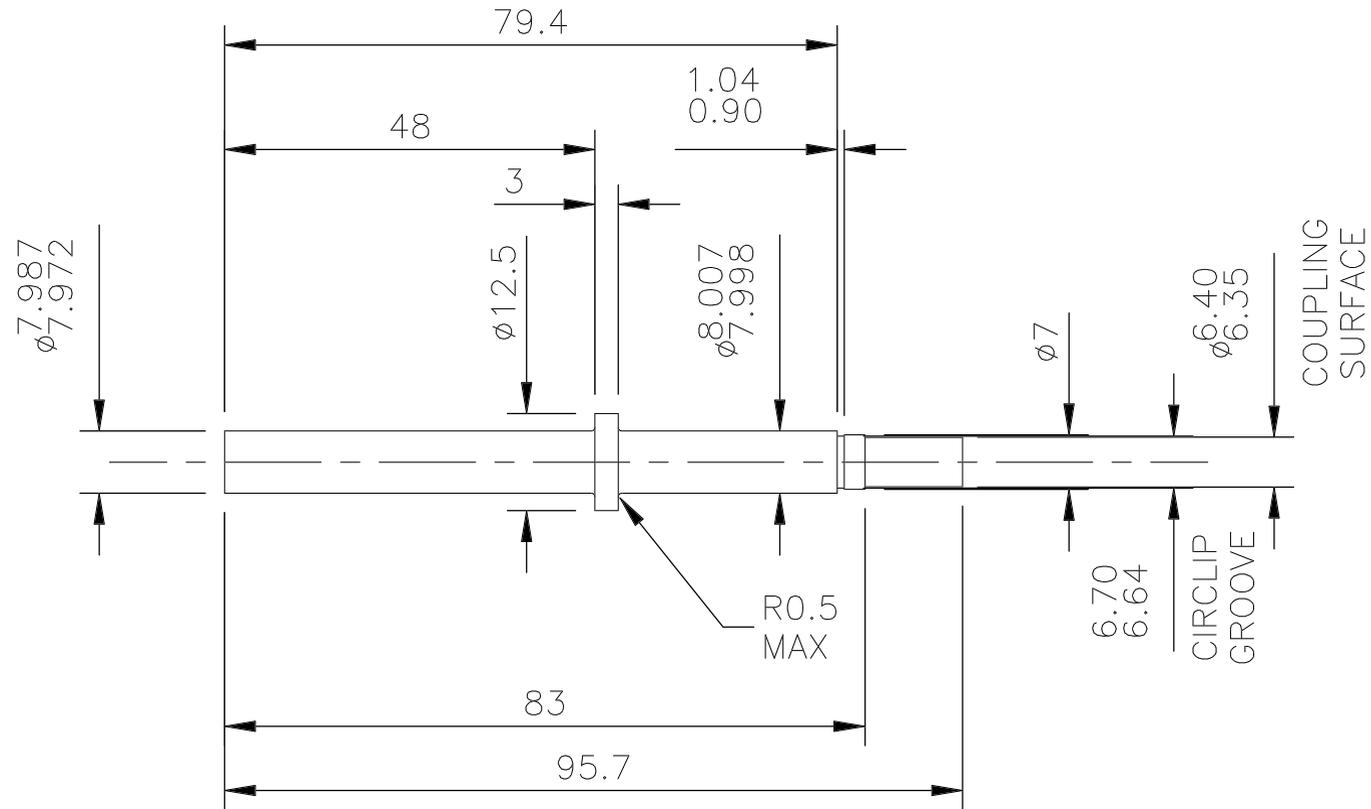
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|-----|-------------------|----------|---------|----------|--------|-----------------------------------|-------------------|-------------------------|--|---|--|---|--|-------------------|--|----------|
| | | | | | | UNLESS OTHERWISE STATED | | MATERIAL SEE DETAILS | |  ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM | |  | | | | |
| | | | | | | DIMENSIONS ARE IN mm | | FINISH SEE DETAILS | | TITLE L.H. MOTOR SUB-ASSEMBLY CASTING SUB-ASSEMBLY | | | | | | |
| | | | | | | GENERAL TOLERANCE: ± 0.1 | | USED ON B0101 | | ORIGINAL SHEET A2 | | LOCATION N/A | | DWG. No. BO105 | | REV 1 |
| | | | | | | ANGULAR TOLERANCE: ± | | REMOVE ALL SHARP EDGES | | ORIGINAL SCALE 1:1 | | | | SHEET 1 OF 1 | | |
| | | | | | | SURFACE FINISH: 1.6/ (MICRONS) | | | | | | | | | | |
| | | | | | | DO NOT SCALE THIS DRAWING | | | | | | | | | | |
| 1 | PRELIMINARY ISSUE | R.M.T | N/A | N/A | N/A | 10.09.97 | | | | | | | | | | |
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE | | | | | | | | | | |
| | | | | | | | ISSUE DESCRIPTION | | | | | | | | | |



BEARING AND LOCATION
DETAILS SCALE 2:1

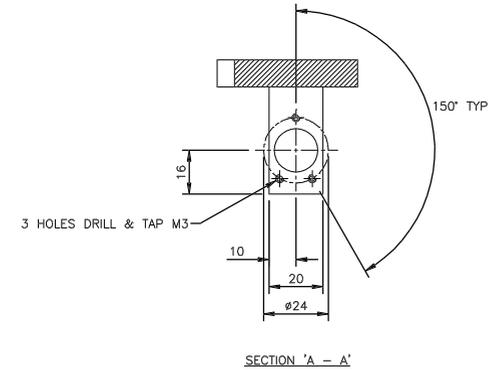
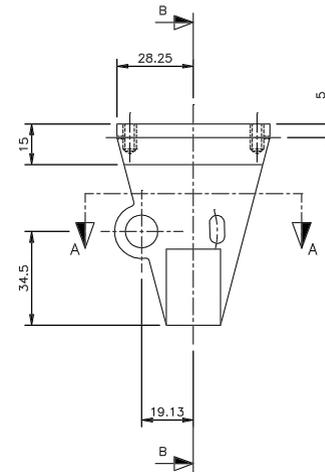
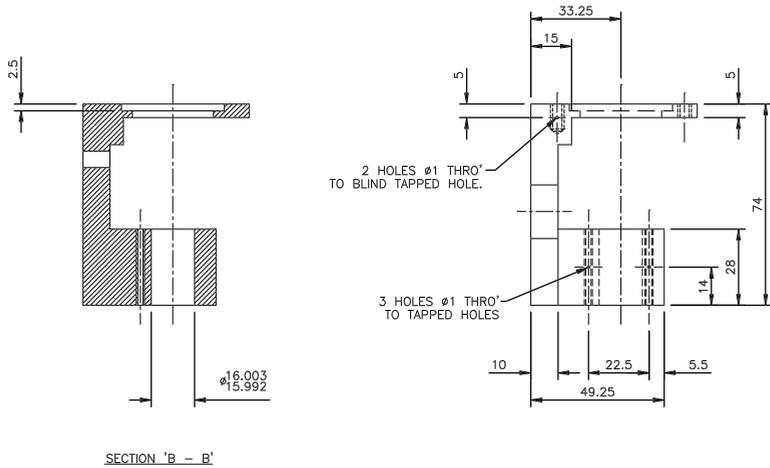
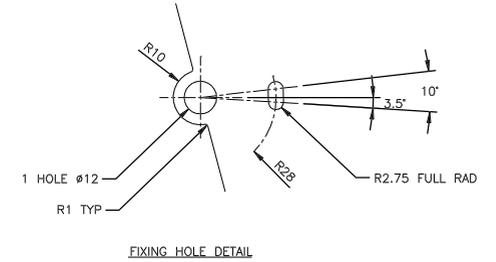
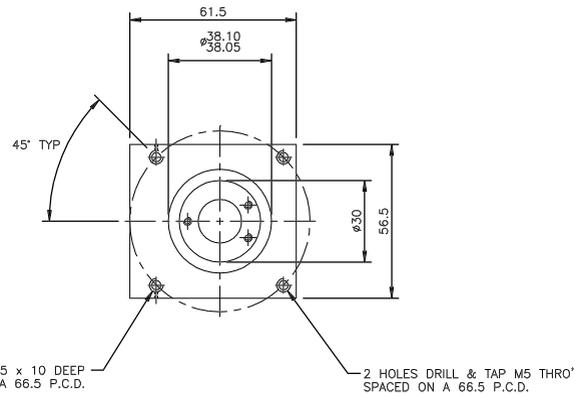
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|-----|-------------------|----------|---------|----------|--------|----------|---------------------------------|----------|-------------|-------------------------|---|----------|-----|--------------|-------|-----|---|
| | | | | | | | UNLESS OTHERWISE STATED | MATERIAL | SEE DETAILS | | ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM | | | | | | |
| | | | | | | | DIMENSIONS ARE IN mm | FINISH | SEE DETAILS | | | TITLE | | | | | |
| | | | | | | | GENERAL TOLERANCE: ± 0.1 | | | R.H. MOTOR SUB-ASSEMBLY | | | | | | | |
| | | | | | | | ANGULAR TOLERANCE: ± | | | CASTING SUB-ASSEMBLY | | | | | | | |
| | | | | | | | SURFACE FINISH: 1.6/√ (MICRONS) | USED ON | B0101 | ORIGINAL SHEET | A2 | LOCATION | N/A | DWG. No. | BO108 | REV | 1 |
| 1 | PRELIMINARY ISSUE | R.M.T | N/A | N/A | N/A | 10.09.97 | REMOVE ALL SHARP EDGES | | | ORIGINAL SCALE | 1:1 | | | SHEET 1 OF 1 | | | |
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE | DO NOT SCALE THIS DRAWING | | | | | | | | | | |
| | | | | | | | ISSUE DESCRIPTION | | | | | | | | | | |



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| | | | | | | | | | | | | |
|-------------------|-------------------|----------|---------|----------|--------|----------|-------------------------------------|---|---|-----------------|-------------------|----------|
| | | | | | | | UNLESS OTHERWISE STATED | MATERIAL STAINLESS STEEL BS 970 304 S11 |  ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM  | | | |
| | | | | | | | DIMENSIONS ARE IN mm | FINISH NATURAL | TITLE MOTOR – WORM GEAR SHAFT MOTOR SUB-ASSEMBLY | | | |
| | | | | | | | GENERAL TOLERANCE: ± 0.1 | USED ON B0105 | ORIGINAL SHEET A4 | LOCATION N/A | DWG. No. B0151 | REV 1 |
| | | | | | | | ANGULAR TOLERANCE: \pm | | | | | |
| | | | | | | | SURFACE FINISH: 1.6/ (MICRONS) ✓ | | | | | |
| | | | | | | | REMOVE ALL SHARP EDGES | | | | | |
| 1 | PRELIMINARY ISSUE | R.M.T | N/A | N/A | N/A | 02.09.97 | | | | | | |
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE | | | | | | |
| ISSUE DESCRIPTION | | | | | | | DO NOT SCALE THIS DRAWING | ORIGINAL SCALE | 1:1 | SHEET 1 OF 1 | | |



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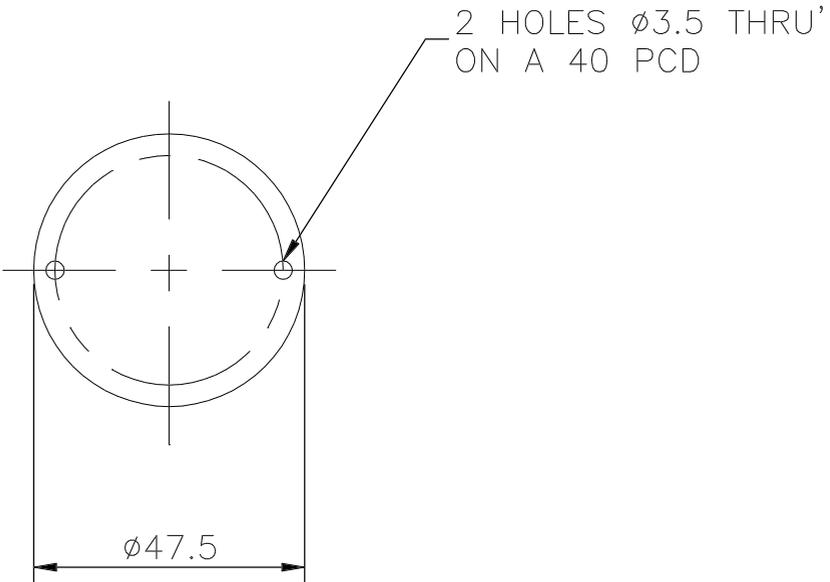
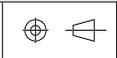
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE |
|-------------------|-------------------|----------|---------|----------|--------|----------|
| 1 | PRELIMINARY ISSUE | R.M.T | N/A | N/A | N/A | 10.09.98 |
| ISSUE DESCRIPTION | | | | | | |

UNLESS OTHERWISE STATED
 DIMENSIONS ARE IN mm
 GENERAL TOLERANCE: ± 0.1
 ANGULAR TOLERANCE: ±
 SURFACE FINISH: 1.6/
 (MICRONS)
 REMOVE ALL SHARP EDGES
 DO NOT SCALE THIS DRAWING

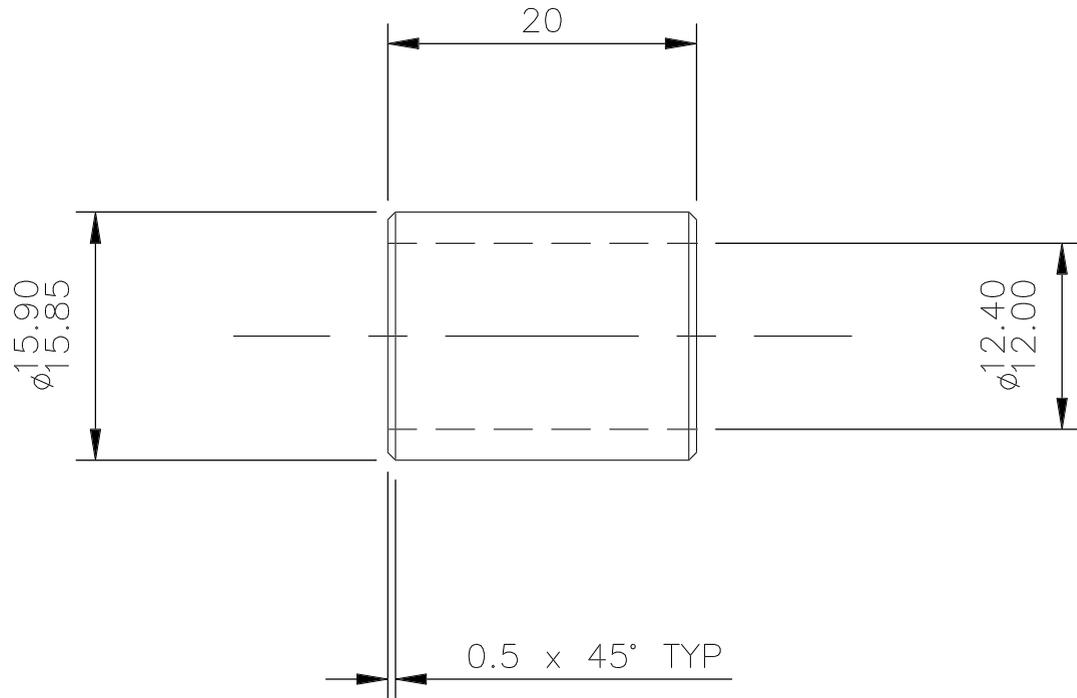
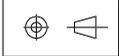
MATERIAL
 ALUMINIUM ALLOY
 BS 1470 6082 TF
 FINISH
 NATURAL
 USED ON
 B0105

| | | | | | |
|----------------|----------|---|--------------|-----|--|
| | | ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM | | | |
| TITLE | | L.H. MOTOR BRACKET MOTOR SUB-ASSEMBLY | | | |
| ORIGINAL SHEET | LOCATION | DWG. No. | | REV | |
| A1 | N/A | B0152 | | 1 | |
| ORIGINAL SCALE | 1:1 | | SHEET 1 OF 1 | | |

DWG. No. B0016



| | | | | | | | | | | | | | |
|-------------------|-----------------|----------|---------|----------|--------|----------|--|---------------------------|---|----------|---|-----|--|
| | | | | | | | UNLESS OTHERWISE STATED | MATERIAL |  ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM | |  | | |
| | | | | | | | DIMENSIONS ARE IN mm GENERAL TOLERANCE: ± 0.25 ANGULAR TOLERANCE: ± - SURFACE FINISH: 3.2/ (MICRONS) | BS1470 6082 T6 1.6 THK | | | | | |
| | | | | | | | REMOVE ALL SHARP EDGES | FINISH | TITLE | | | | |
| | | | | | | | | - | NEAR INFRA-RED CAMERA MOLECULAR SIEVE BACK PLATE | | | | |
| 1 | FOR MANUFACTURE | IPB | | | RC | 10/02/97 | | USED ON | ORIGINAL SHEET | LOCATION | DWG. No. | REV | |
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE | | B0010 | A3 | BO | B0016 | 1 | |
| ISSUE DESCRIPTION | | | | | | | DO NOT SCALE THIS DRAWING | ORIGINAL SCALE | 1:1 | | SHEET 1 OF 1 | | |



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| | | | | | | | | | | | | |
|-------------------|-------------------|----------|---------|----------|--------|----------|-------------------------------------|--|---|-----------------|-------------------|----------|
| | | | | | | | UNLESS OTHERWISE STATED | MATERIAL ALUMINIUM ALLOY BS 1470 6082 TF |  ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM  | | | |
| | | | | | | | DIMENSIONS ARE IN mm | FINISH NATURAL | TITLE BEARING SPACER MOTOR SUB-ASSEMBLY | | | |
| | | | | | | | GENERAL TOLERANCE: ± 0.1 | USED ON B0105 | ORIGINAL SHEET A4 | LOCATION N/A | DWG. No. B0155 | REV 1 |
| | | | | | | | ANGULAR TOLERANCE: ± | | | | | |
| | | | | | | | SURFACE FINISH: 1.6/ (MICRONS) ✓ | | | | | |
| | | | | | | | REMOVE ALL SHARP EDGES | | | | | |
| 1 | PRELIMINARY ISSUE | R.M.T | N/A | N/A | N/A | 09.10.97 | | | | | | |
| REV | DESCRIPTION | DRAWN BY | CHECKED | APPROVED | STATUS | DATE | | | | | | |
| ISSUE DESCRIPTION | | | | | | | DO NOT SCALE THIS DRAWING | ORIGINAL SCALE 2:1 | SHEET 1 OF 1 | | | |