

# INSTALLATION AND AINTENANCE INSTRUCTIONS. MODEL 100CD

### INSTALLATION AND USE OF THE TASC UNIT

The TASC Unit is an air-cooled electro-magnetic induction coupling driven by a fixed-speed a.c. motor generally fitted direct to the TASC Unit. The drive, with its control panel and remote control station, provides stepless control of speed and torque.

INSTALLATION: Follow the instructions to avoid damage and to ensure efficient running.

I. ATTITUDE

100 CD TASC Units can be mounted in any attitude.

2. VENTILATION

Do not obstruct ventilation apertures, especially in hot ambient conditions.

3. TRANSMISSION

Coupling to the driven machine may be by Vee Belt, toothed belt, chain or flexible coupling. Never use solid couplings. Take care not to exceed the recommended side load of 68 kg (150 lbs) midway along shaft.

4. FITTING PULLEYS

Pulleys, couplings and gearbox pinions must never be hammered on to the shaft or internal damage to the TASC Unit will result.

5. DRIVE ADJUSTMENT

- Vee belts and chains. When tensioning, ensure that pulleys or sprockets are in line. Do not over (a)
- (b) Toothed belts. Pulleys must be in line and a light tension applied to the belt.
- Flexible couplings. Align as accurately as possible to avoid vibration and undue wear.

6. GUARDS

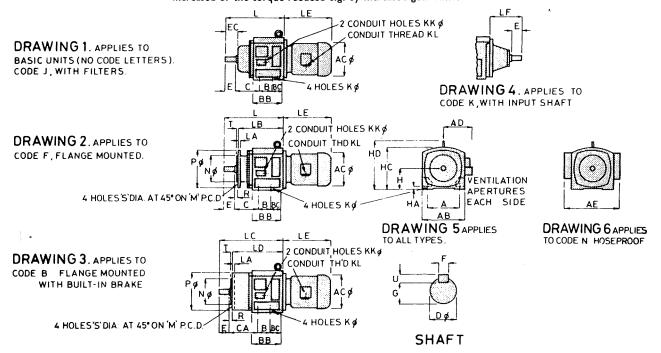
Any guards, covers or filters must be replaced after installation.

7. ATMOSPHERE

- Dusty. 100 CD TASC Units will tolerate dusty conditions provided there are no ferrous particles (a) present.
- Corrosive gases or Marine applications. We can protect specially if required.
- High humidity. We will supply a unit suitably protected. Code H.
- Water spray or rain. We will supply a hoseproofed unit. Code N.

8. TEMPERATURE

If the ambient temperature is over  $35^{\circ}$ C or the outlet air temperature over  $85^{\circ}$ C for types 100 CD2 or  $82^{\circ}$ C for types 100 CD4, the TASC Unit must be derated. Either the minimum speed must be increased or the torque reduced e.g. by increased gear ratio.



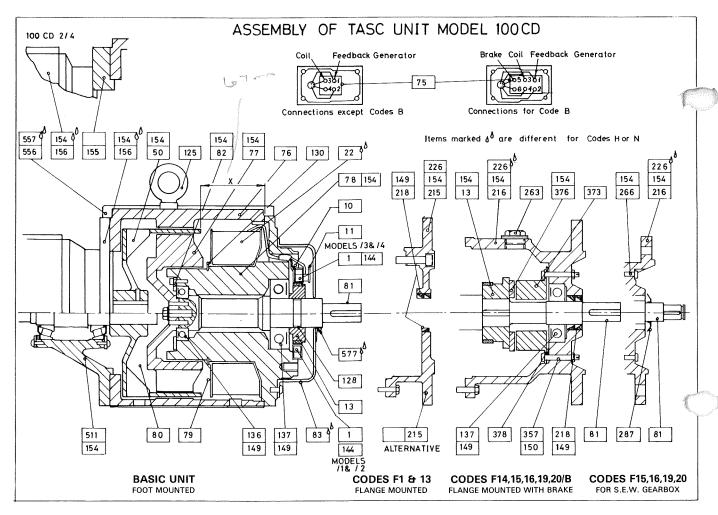
| Α   | АВ  | AD  | ΑE  | В  | ВВ  | ВС | С  | CA  | D    | Е  | EC | F | G    | I   | НА | НС  | HD  | κ  | KΚ | L   | LA | LB  | LC  | LD  | LF  | М   | Ν   | Р   | R | S  | Т   | U |
|-----|-----|-----|-----|----|-----|----|----|-----|------|----|----|---|------|-----|----|-----|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|---|----|-----|---|
| 160 | 216 | 157 | 292 | 60 | 159 | 67 | 95 | 169 | 19j6 | 40 | 47 | 6 | 15.4 | 100 | 10 | 210 | 256 | 12 | 21 | 264 | 10 | 224 | 337 | 297 | 121 | 165 | 130 | 198 | 0 | 11 | 3.5 | 6 |

| 10  | 0 CD4 | 1/2 | 10  | 0 CD4 | /3  | 10  | 0 CD4 | /4  | 10  | 0 CD2 | /1  | 10  | 0 CD2 | /2  | 10  | 0 CD2 | /3  | 10  | 0 CD2 | ./4 |
|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| AC  | KL    | LE  |
| 164 | M20   | 251 | 181 | M20   | 264 | 181 | M20   | 289 | 164 | M20   | 251 | 181 | M20   | 264 | 181 | M20   | 289 | 208 | M20   | 329 |

Oulton Works LOWESTOFT England **NR33 9NA** 



Telex: 975022 TASC Telegrams: TASC Lowestoft Tel: Lowestoft (0502) 82411



### TOOLS REQUIRED

Hexagon Keys Spanners Box Spanner Hide Hammer

2.5, 4, 5, 6, 8 mm 8, 10, 13, 17 mm A/F 7 mm for terminal nuts

Screwdrivers Degreaser Pulley Drawer Ordinary and Philips head (size I)
White spirit or safe Chlorinated Solvent 3 legged

### INSTRUCTIONS TO FOLLOW TO CHANGE COMPONENTS

| To Change   | Instructions to Follow   |   |   |
|---|--|---|---|
| Item I Feedback Generator Stator , 13 Feedback Generator Armature , 22 Coil , 50 Torque Tube Assembly , 81 Output Shaft , 136 Inner Bearing , 137 Outer Bearing , 156 Motor , 218 Oil Seal , 373 Brake Stator | D1, 2, 4 D1, 2, 4, 7, 9 D1, 2, 5, 10 D1, 11 D1, 2, 5, 7, 8 D1, 5, 6 D1, 2, 5, 7, 8 D1, 11, 12 D1, 2, 3 D1, 2 | R10, 13, 14 R6, 7, 8, 10, 13, 14 R4, 9, 13, 14 R5, 14 R6, 8, 9. 13, 14 R6, 8, 9, 13, 14 R6, 8, 9, 13, 14 R1, 13, 14 R11, 13, 14 R12, 13, 14 | 7 |
| ,, 376 Brake Armature<br>,, 511 Input Assembly  | DI, 2, 9<br>DI, 11, 12, 13   | R7, 12, 13, 14<br>R1, 2, 3, 14  |   |

#### DISMANTLING Refer to assembly drawing for item numbers.

- DI Disconnect wires from Terminal Block 75. Remove complete output assembly from Casing 76.
- D2
- Basic Units and Codes F1, 13. Remove Output Cover 83 or Output Flange 215.
  Codes F14 to 20 without brake. Remove Oil Flinger 287 if fitted, then Output Flange 216. Withdraw Bearing 137. Remove Feedback Generator Armature 13.
  - Codes F14 to 20 with brake (Codes B). Remove Oil Flinger 287 if fitted. Screw in Brake Adjusting Screws 357 to clear Output Flange 216. Remove flange and Bearing 137, remove Brake Stator 373 with brake leads, adjusting screws and Spring Washer 378. Remove Feedback Generator Armature 13 with Brake Armature 376.
- D3 Codes F. Remove Oil Seal(s) 218 from Output Flange 215 or 216.
- Remove Feedback Generator Stator I, first cutting terminal tags off leads (numbered I and 2), baring the wire ends and twisting them together over a looped length of thin, strong string. Draw the wires through the slot in Stator 78. D4 Leave the string in the slot.
- D5 Stand Stator 78, with Polewheel 77 upwards, on the large machined front face with Output Shaft 81 in a recess. Remove Polewheel 77 and press Output Shaft 81 out of Bearing 136.
- D6 Remove Bearing Clamp 82 and Bearing 136 from Stator 78.
- Basic Units and Code FI. Remove Feedback Generator Armature 13 from Output Shaft 81. D7
- D8 Basic Units and Code FI. Draw Bearing 137 off Output Shaft 81.
- D9 Codes B only. Separate Brake Armature 376 from Feedback Generator Armature 13.
- Remove Coil Locating Ring 130 from Stator 78 and Lever off Coil 22. DIO
- Draw Torque Tube Assembly 50 from shaft of Motor 156 or Input Assembly 511 using 3-legged drawers. DH
- Separate Motor 156 or Input Assembly 511 from Casing 76. For 100 CD2/4, remove Adaptor 156 from motor. DI2
- To dismantle Input Assembly, remove outer bearing cap, pull out the shaft assembly and withdraw bearing inner races DI3 from shaft.

SPARES LIST Items marked (a) are most likely to need replacement, (b) are occasionally required, (c) are rarely needed.

For item numbers refer to the Assembly Drawing.

Unless otherwise stated, Part Numbers apply to all models.

| tem No. | Description  | Qty           | . Cat. | Part No.                   |
|---------|--|---------------|--------|----------------------------|
| 13      | FEEDBACK GENERATOR ARMATURE. Basic and Codes F1, 13 fixed by Star Tolerance Ring 128 " " Codes: F14, 15, 16, 19, 20 fixed by 2-Set Screws 41968  | 1             | b      | 23076                      |
|         | M5 x 10  | 1             | Ь      | 24087                      |
|         | " Codes: B fixed by Key 60196 8 x 7 x 20 & 2-Set Screws<br>41968 M5 x 10   | 1             | b      | 23079 <b>2.</b> ¥<br>S:ST. |
| 75      | TERMINAL BLOCK 4 way. Basis and Codes F.) fixed by screw 41947 Cheese bd M5 v 12   | 1 1           | l c    | 18874                      |
| ′°      | TERMINAL BLOCK, 4 way. Basic and Codes F { fixed by screw 41947, Cheese hd M5 x 12 , 6 way. Codes B } and tension pin 43075, 4 \u03b7 x 12 POLEWHEEL, fixed by screw 42756, Hex hd M8 x 25 and 2 tension pins 43144, 5 \u03b7 x 20 | li            | c      | 18875                      |
| 77      | POLEWHEEL fixed by screw 42756. Hex hd M8 x 25 and 2 tension pins 43144. 5 d x 20  | li            | c      | 18954                      |
| 78      | STATOR. All models except 100 CD2/6 I fixed by 4 screws 42756, Hex hd M8 x 25  | li            | C      | 18975                      |
| , o     | " 100 CD2/6  | l i           | C      | 18993                      |
| 79      | GUARD GRILLE (INTAKE). All models except Code N fixed by 16 screws 43136, Pan hd M5 x 8.   | 2             | C      | 18959                      |
| 80      | GUARD GRILLE (OUTLET). All models except Code N For Code J use 2 extra intake grilles and 2 filter elements 16228  | 2             | С      | 18960                      |
| 81      | OUTPUT SHAFT. Basic and Code F1, except 100 CD2/6  | 1             | b      | 18961                      |
|         | " Code F14 " Code F15 16 19 20   | 1             | b      | 18984                      |
|         | Codes F 15, 16, 19, 20   | 1             | b      | 18985                      |
|         | Code 1 13  | 1             | b      | 19450                      |
| 82      | 100 CD2/0  | 1 1           | b      | 18992<br>18964             |
| 83      | BEARING CLAMP, fixed by 4 screws 41934, Cap hd M5 x 12<br>OUTPUT COVER. Basic models only except 100 CD2/6, fixed by 4 screws 43145, Pan hd M6 x 12  | 1             | C      | 18965                      |
| 125     | EYEBOLT, M12   | li            | 6      | 43153                      |
| 128     | STAR TOLERANCE RING. Basic and Code F1. Type 0820-030-01, Ray Engineering Ltd.   | li            | ЬĎ     | 43171                      |
| 130     | RING, locating coil, Type Spiralox MS 375, Wellworthy Ltd.   | li            | C      | 43172                      |
| 136     | BEARING 6006, Single shield  | li            | a      | 61138                      |
| 137     | BEARING 6306, Single shield, Basic and Codes F1, 13  | 1 1           | a      | 61134                      |
|         | BEARING 6306, Single shield, Codes F14 to 20   | 1             | a      | 61142                      |
| 149     | GREASE, Regent Texaco ULTRATEMP (alternative Chevron SRI 2) Quantity as requin   | ed            | a      | 61171                      |
| 150     | COPPASLIP or equivalent MoS <sub>2</sub> anti-scuffing paste, Codes B only. Quantity as require  | ed            | a      | 61701                      |
| 154     | LOCKING SEALANT, Avdelbond A113 (alternative Loctite 221)  Quantity as requin  |               | а      | 61045                      |
| 215     | OUTPUT FLANGE, Code F1, fixed by 4 screws 42863, Cap hd M8 x 30 Uses 2 seals item 2 " , alternative to Code F1 fixed by 4 screws 41951, Hex hd " , alternative to Code F1 fixed by 4 screws 41951, Hex hd                          | j             | С      | 18956                      |
|         | M6 x 20  | 1 ,           | С      | 18974                      |
|         | . 100 CD2/D. 11X80 BV 4 SCIEWS 42000, Cap iid iiio x 10  | '   !         | С      | 18991                      |
| 216     | OUTPUT FLANGE, Code F14  | 1 1           | С      | 18979<br>18981             |
|         | " , Code F15 / " , Code F16 / fixed by 4 screws 41951, Hex hd M6 x 20  | ;             | C      | 18978                      |
|         | " Code F19 Tixed by 4 screws 41951, Hex Hd Wid X 20  | 1             | c      | 19491                      |
| - 1     | " Code F19 )   | li            | c      | 19508                      |
| 218     | OIL SEAL, Spring Lip Nitrile 30 x 40 x 7. Codes F1, F1 alternative and 100 CD2/6   | 1/2           | a      | 61435                      |
| 210     | " " 25 x 40 x 7. Codes F14 to 20   | 2             | a      | 61921                      |
| 226     | SEALING COMPOUND, Hermetite Autogel Quantity as require  | ed            | а      | 60992                      |
| 262     | PROTECTION PLUG, Codes F   | 2             | С      | 61711                      |
| 263     | SEALING PLUG. Codes F14, 15, 16, 19, 20  | 2             | С      | 62239                      |
| 1       | " and copper washer. Codes B   | 2             | С      | 61694/5                    |
| 264     | VENTILATION PLUG and copper washer (61924), Codes F14 to 20  | 1             | С      | 62240                      |
| 266     | BLANKING SCREW, Codes F14, 16, 19, 20 (Qty. 8), F15 (Qty. 4), Pan hd M5 x 8  | 8/4           | c      | 43136                      |
| 287     | OIL FLINGER, Codes F15, 16, 19, 20   | , 1           | b      | 61688                      |
| 357     | BRAKE ADJUSTING SCREW, Codes B. Use with nut M5  | 4             | b      | 18862<br>18005             |
| 373     | BRAKE STATOR, 24 Volt. Code B224. Type RF250, WR52B1P10, 24 Volt Warner Electric Lt  | d.   1<br>  1 | C      | 18005                      |
| ļ       | " , 90 Volt. Code B290. Type RF250, WR52B1P7, 90 Volt " " " " " , 24 Volt. Code B324. Type PB300, WR72B4P12, 24 Volt " " " "   | 1             | b      | 18989                      |
| Į       | " , 90 Volt. Code B324. Type PB300, WR72B4P12, 24 Volt " " , 90 Volt. Code B390. Type PB300, WR72B4P7, 90 Volt " " "   | 1             | b      | 18990                      |
| 374     | BRAKE REPLACEABLE FACE Codes R224 and 290 Type RF250 WR52B2P2 """"   | 1             | b      | 30133                      |
| 376     | BRAKE ARMATURE, Spring drive, Codes B224 and 290, Type RF250, WR52B57P2 " " '  | 1 1           | b      | 30192/3                    |
|         | " " Codes B324 and 390. Type PB300, WR72B28P2 " "  | 1 1           | b      | 30192/4                    |
| 378     | SPRING WASHER, Codes B224 and 290, Emo Wave Washer type EPL53 George Emmott L  | td 1          | C      | 61678                      |
|         | " , Codes B324 and 390. Emo Wave Washer type EPL62 " "   | '   1         | С      | 61403                      |
| 511     | INPUT ASSEMBLY, Code K, fixed by 4 screws 41900, Hex hd M10 x 20. Includes bearing 30205, taper  | .   1         | C      | 24064                      |
|         | roller (61140), bearing 30304 taper roller (61141), shaft (18971), 2 bearing plates (18972), spacer (18973), Nilos ring 30205 JV (61928), Nilos ring 30304 JV (61929), wave washer EPL43 (60823) and                               | - 1           |        |                            |
| 512     | screws Pan hd M5 x 10 (41979). SILICONE SEALANT, Loctite Superflex RTV2 or equivalent Quantity as requir   | ed            | а      | 61700                      |

| Item No. | Description   | 000   | C     | TASC Unit 100CD Models |                  |                  |                  |                  |                  |                   |  |  |  |
|----------|---|-------|-------|------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|--|--|
| item No. | Description   | Qty   | Cat   | 4/2                    | 4/3              | 4/4              | 2/1              | 2/2<br>2/6       | 2/3              | 2/4               |  |  |  |
| ı        | FEEDBACK GENERATOR STATOR, fixed by 4 screws 43134, Pan hd M4 x 16  | ı     | С     | 24018                  | _                | _                | 24018            | 24018            | _                |                   |  |  |  |
|          | FEEDBACK GENERATOR STATOR, fixed by 4 screws 42648, C'sk hd M4 x 25 | ı     | С     | _                      | 24019            | 24019            | _                |                  | 24019            | 24019             |  |  |  |
| 10       | STÁTOR BACK PLÁTE   | - 1   | c     | _                      | 19403            | 19403            |                  |                  | 19403            | 19403             |  |  |  |
| - 11     | STATOR CLAMP PLATE  | 1     | С     | _                      | 19404            | 19404            | _                | _                | 19404            | 19404             |  |  |  |
| 22       | COIL  | 1     | ь     | 20421                  | 20419            | 20422            | 20421            | 20421            | 20419            | 20422             |  |  |  |
| 50       | TORQUE TUBE ASSEMBLY fixed by set screw 42929, M5 x I2              | 1     | Ь     | 24065                  | 24066            | 24066            | 24068            | 24069            | 24069            | 24067             |  |  |  |
| Motors   | with these Part Numbers are suitable for 220/                       | 240—3 | 80/42 | 0 V, 50 Hz             | and 240/2        | 65420/4          | 60 V, 60 H       | z                |                  | 1                 |  |  |  |
| 156      | MOTOR fixed by 4 screws 41900, Hex hd<br>MI0 x 20                   | 1     | Ъ     | 61575                  | 61361            | 62049            | 61574            | 61364*           | 62040            | -                 |  |  |  |
|          | MOTOR fixed by 4 screws 42860, Cap hd M8 x 16                       |       | Ь     |                        | _                |                  | -                | _                | _                | 62050             |  |  |  |
|          | Motor kW/speed<br>Motor Frame Size                                  |       |       | 0.75/1450<br>D80D      | 1.1/1450<br>D90D | 1.5/1450<br>D90D | 1.1/2850<br>D80D | 1.5/2850<br>D90D | 2.2/2850<br>D90D | 3.0/2850<br>D100C |  |  |  |
| 155      | ADAPTOR, fixed by 4 screws 42868,<br>Cap hd M10 x 16                | ı     | С     | _                      |                  |                  |                  | _                |                  | 18966             |  |  |  |
| 76       | CASING  | 1     | c i   | 19978                  | 19978            | 19978            | 19978            | 19978            | 19978            | 19132             |  |  |  |

## Differences in certain Components for High Humidity (Code H) and Hoseproofed (Code N)

| Item No.  | Description  |     | C   | TASC Unit 100CD Models |       |       |       |            |       |       |  |  |  |
|-----------|--|-----|-----|------------------------|-------|-------|-------|------------|-------|-------|--|--|--|
| item ivo. | Description  | Qty | Cat | 4/2                    | 4/3   | 4/4   | 2/1   | 2/2<br>2/6 | 2/3   | 2/4   |  |  |  |
| 22        | COIL, Hoseproofed  | ī   | ь   | 20426                  | 20424 | 20427 | 20426 | 20426      | 20424 | 20427 |  |  |  |
| 83        | OUTPUT COVER, Basic models only except<br>100 CD2/6                | 1   | С   | 24074                  | 24074 | 24074 | 24074 | 24074      | 24074 | 24074 |  |  |  |
| 156       | MOTOR, IP55. Other details as above                                | 1   | ь   | 61580                  | 61577 | 62054 | 61579 | 61581 *    | 62048 | 62055 |  |  |  |
| 556       | HOSEPROOF COVER, L.H.) not required                                | 1   | c   | 18958                  | 18958 | 18958 | 18958 | 18958      | 18958 | 18958 |  |  |  |
| 557       | HOSEPROOF COVER, R.H. on Code H, replace items 79 and 80 on Code N | l   | С   | 18957                  | 18957 | 18957 | 18957 | 18957      | 18957 | 18957 |  |  |  |
| 577       | VEE RING SEAL, Basic models only except<br>100 CD2/6               | _   | ь   | 61936                  | 61936 | 61936 | 61936 | 61936      | 61936 | 61936 |  |  |  |

- RI Input Assembly 511. Slide spacer onto inner end of shaft and fit inner race of bearing. Fit other inner race to opposite end of shaft. Place Nilos Ring 30205 JV and outer race of 30205 bearing against inner bearing cap. Slide in shaft assembly, outer race of 30304 bearing, Nilos Ring 30304JV and wave washer. Tighten down outer bearing cap, treating screws with Locking Sealant 154.
- R2 Fit Motor 156 or Input Assembly 511 to Casing 76. For 100 CD2/4 first fit Adaptor 155 to motor. Treat all screws with Locking Sealant 154.
- R3 Degrease shaft of Motor 156 and treat with Locking Sealant 154. Slide Torque Tube Assembly onto shaft so that X=67 mm. Treat set screw with locking sealant and tighten onto shaft key.
- R4 Press Coil 22 onto Stator 78 so that leads start in line with groove in stator. Fit Coil Locating Ring 130.
- R5 Place Inner Bearing 136, filled with Grease 149, into Stator 78 with shield outwards. Fit Bearing Clamp 82 treating screws with Locking Sealant 154.
- R6 Basic Units and Codes F1, 13. Press Bearing item 137 filled with Grease 149 on to Output Shaft 81 with shield outermost. Fit Feedback Generator Armature 13 to Shaft with Tolerance Ring 128.
- R7 Codes B only. Fit Feedback Generator Armature 13 to Shaft 81 with Key and Set Screws. Fit Brake Armature 376 to Feedback Generator Armature 13 with Screws treated with Locking Sealant 154.
- R8 Codes F14, 15, 16, 19, 20. Fit Feedback Generator Armature 13 to Output Shaft 81 with Set Screws treated with Locking Sealant 154.
- R9 Place Stator 78 with Bearing 136 downwards supporting it on the inner race of the bearing with a ring 31 to 33 mm inside diameter, 40 to 50 mm outside diameter and 12 mm thick. Press Output Shaft 81 into the bearing. Fit Polewheel 77 with two drive pins and screw, treated with Locking Sealant 154.
- R10 Fit Feedback Generator Stator I to Stator 78, drawing leads through slot by twisting ends through string loop (see Note D4). For 100 CD4/3, 4/4, 2/3 and 2/4, fit Stator Back Plate 10 and Stator Clamp Plate 11 either side of the feedback generator stator, the extra feedback coil being outside the stator.
- RII Fit Oil Seal(s) 218 in Output Flange 215 or 216, thoroughly greasing the seal lip(s).
- R12 Codes B224 and 290 only. If the brake rubbing faces are worn, it is possible to fit a new face to the Warner RF250 brake stator, Brake Replaceable Face 374. If this is done, the Brake Armature 376 must be renewed.
- R13 (a) Basic Units only. Fit Output Cover 83. For Codes H and N, fit Vee Ring 577, greasing sealing lip.
  - (b) Code F1. Fit Output Flange 215. Seal under heads of fixing screws with Hermetite Autogel 226 and treat screws with Locking Sealant 154.
  - (c) Codes F14, 15 and 16 without brake. Fit Bearing 137 into Output Flange 216 and fit flange to Output Shaft 81 and Stator 78. Codes F 15 and 16. Fit Oil Flinger 287.
  - (d) Codes F14, 15 and 16 with brake (Codes B). Fit Bearing 137 into Output Flange 216. Fit Spring Washer 378 and Brake Stator 373. Fit Brake Adjusting Screws 357, smeared with Coppaslip 150, and tighten them down. Fit flange to Output Shaft 81 and Stator 78. Codes F15 and 16. Fit Oil Flinger 287.
- R14 Lower complete output assembly into Casing 76, feeding leads through hole adjacent to Terminal Block 75. Reconnect leads. Feedback Generator leads, I and 2; Coil leads, 3 and 4; Brake leads, 5 and 6.

### SPECIAL NOTES FOR HIGH-HUMIDITY (Code H) and HOSEPROOF (Code N)

- (i) Seal mating faces for Code N with Hermetite Autogel 226.
- (ii) Ensure that plugs are correctly placed. For horizontal mounting, fit only the plug at the flanged end of the Output Flange 216, or in the face of Stator 78.
  - For vertical mounting, shaft downwards, fit the plug under Casing 76 nearest the motor, and the plug at the stator end of the output flange.
  - For vertical mounting, shaft upwards, fit the plug at the flanged end of the Output Flange 216, or in the face of Stator 78 and the plug at the Output end of the Casing 76. N.B. Do not use Code FI alternative or 100 CD2/6 vertically mounted, shaft upwards, when fixed to a gearbox without additional shaft sealing.
- (iii) For Code N on Codes FI4, 15 and 16 without brake, use screwed Sealing Plugs 263, not the push-in plastic ones.

### **BRAKE ADJUSTMENT**

Remove Sealing Plugs 263 from Output Flange 216. Insert 0.4 mm feeler between Brake Stator 373 and Brake Armature 376. Adjust Screws 357 one turn successively until the feeler is rubbing. Check both sides to ensure brake stator is square, Secure adjusting screws with locknuts. If new brake faces have been fitted they will not achieve full braking efficiency for the first few operations. If possible, run in the brake by driving the TASC Unit at normal speed and switching the brake on and off at 15 second intervals at 25% of its rated voltage.

Should any difficulties arise that are not covered by this publication, please contact the Service Department at the address on the front cover.