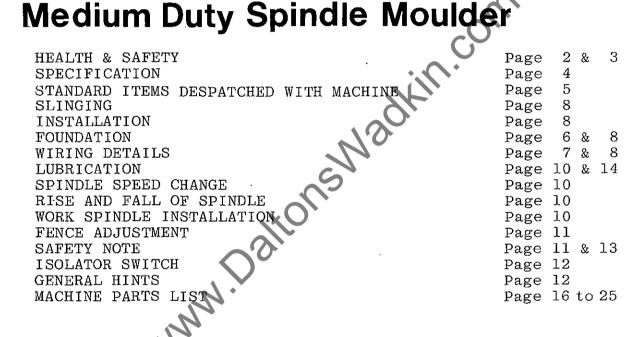
ZF

IMPORTANT

It is our policy and that of our suppliers to review constantly the design and capacity of our products. With this in mind we would remind our customers that whilst the dimensions and performance data contained herein are current at the time of going to press, it is possible that, due to the incorporation of latest developments to enhance performance, dimensions and supplies may vary from those illustrated.

PLEASE INSERT SERIAL NUMBER OF MACHINE

Instruction Manual For



FOR REPLACEMENT PARTS, TOOLS AND ACCESSORIES CONTACT: DURHAM (0385) 852385 (5 Lines) Spares Dept: TELEX 53441 (BURDRM G)

Bursgreen (Durham), Division of Wadkin PLC, Fence Houses, Houghton le Spring, Tyne & Wear, England, DH4 5RQ

HEALTH & SAFETY

SAFETY OF WOODWORKING MACHINES

Woodworking machines can be dangerous if improperly used. The wide range of work of which they are capable, requires adequate safeguarding arrangements against possible hazards.

Many injuries to machinists are caused by carelessness or failure to use the guards provided or to adjust them correctly.

The Bursgreen Divisions of Wadkin plc supply machinery designed for maximum safety which they believe, as a result of thorough testing, minimizes the risks inevitable in their use. It is the users responsibility to see that the following rules are complied with to ensure safety at work:

- 1. The operation of the machine should conform to the requirements of the Woodworking Machines Regulations 1974. All guards should be used and adjusted correctly.
- Safe methods of working only should be adopted as given in the Health and Safety Work Booklet No. 41, "Safety in the use of Woodworking Machines", (obtainable from Her Majestey's Stationery Office) and as advised by The Bursgreen Divisions of Wadkin plc.
- 3. Only personnel trained in the safe use of a machine should operate it.
- 4. Before making adjustments or clearing chips, etc., the machine should be stopped and all movement should have ceased.
- 5. All tools and cutters must be securely fixed and the speed selected must be appropriate for the tooling.

Safety is our watchword but the user must comply with the above rules in his own interest. We would be pleased to advise on the safe use of our products.

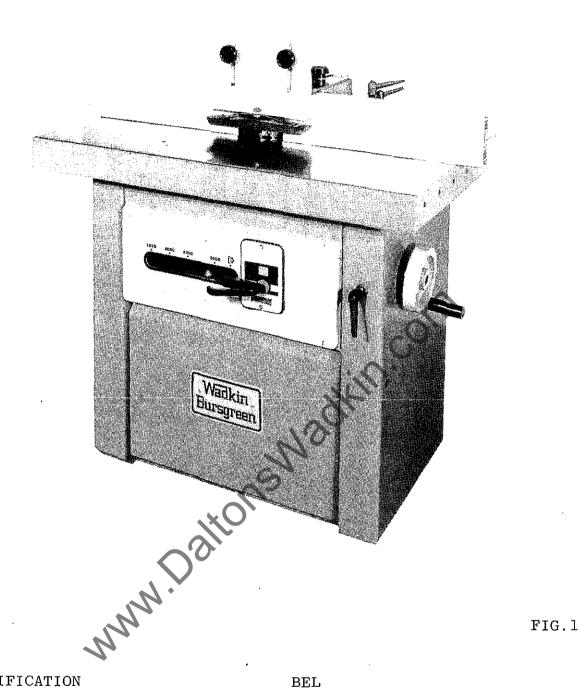


Bursgreen (Durham) Division of Wadkin plc., Fence Houses, Houghton-le-Spring, Tyne & Wear, DH4 5RQ. Telephone: (0385) 852385. Telex: 53441 (Burdrm G)

Safety

CAREFULLY READ INSTRUCTION MANUAL WITH PARTICULAR REFERENCE TO THE FOLLOWING INSTRUCTIONS:-

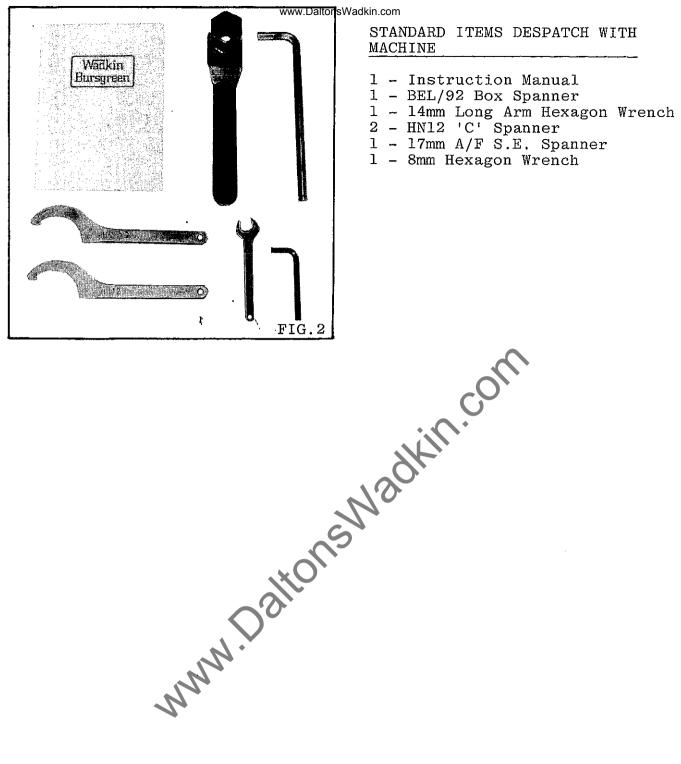
- 1. SLINGING, i.e. SAFE LIFTING LIMITS FOR SLINGS ETC.
- 2. INSTALLATION AND FOUNDATION, i.e. SAFE WORKING AREA OF MACHINE AND BOLT POSITIONS, ETC.
- 3. WIRING DETAILS, i.e. WIRING DIAGRAM AND INSTRUCTIONS FOR SAFE WIRING OF MACHINE.
- 4. MACHINE CONTROLS AND OPERATING INSTRUCTIONS.
- 5. SELECT CORRECT SPEED FOR CUTTER EQUIPMENT AND ENSURE CUTTERS ARE SECURELY LOCKED IN POSITION.
- 6. SET GUARDS CORRECTLY TO COVER CUTTER EQUIPMENT AS MUCH AS POSSIBLE.
- 7. NOTE START/STOP CONTROL POSITION AND ISOLATOR SWITCH POSITION (IF FITTED) BEFORE OPERATING MACHINE.
- 8. USE FEEDING DEVICES WHERE POSSIBLE.
- 9. REFER TO HEALTH AND SAFETY AT WORK BOOKLET No.41 (IN U.K.) FOR SAFETY IN THE USE OF WOODWORKING MACHINERY.



SPECIFICATION

BEL

Diameter of loose top.piece (Std) 30mm Diameter of loose top pieces (Optional) 35mm $l\frac{1}{4}$ " or 1" Table size 650 x 1000mm Table height 900mm Spindle rise and fall 127mm Power of motor 4 kw Spindle speed 3000, 4500, 6000, 8000 rpm Approximate floor space 650 x 1000mm Approximate net weight 290 kg Approximate gross weight 370 kg Shipping dimensions 1.10 x 0.76 x 1.07m



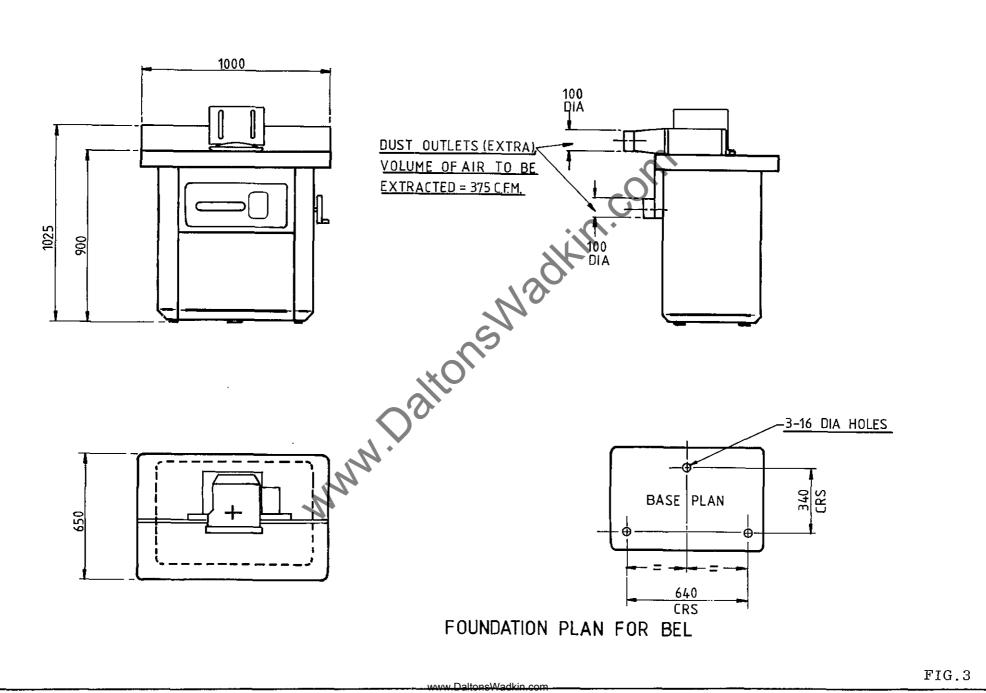
www.DaltonsWadkin.com

,

¥.

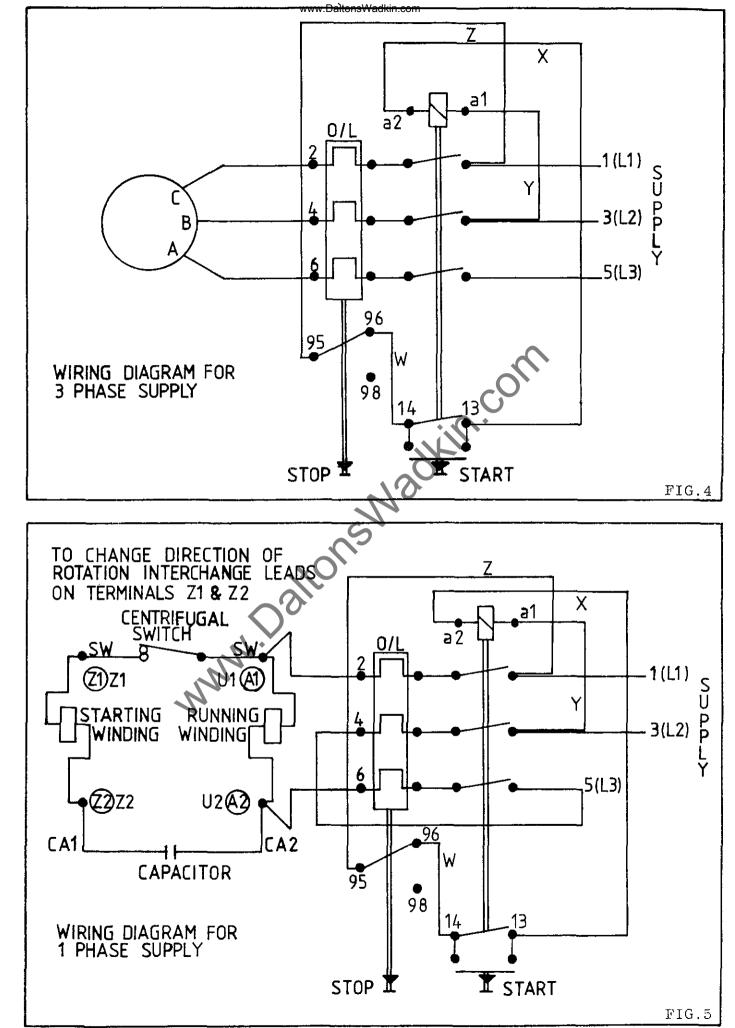
1

ĩ



ဖ

• • • 7



www.DaltonsWadkin.com

SLINGING

Always use a sling with in safe working load of machine weight. BEL - Approximate net weight of machine 290 kgs. BEL - Approximate gross weight of machine 370 kgs. To sling machine, position sling under table overhang at left and right hand of machine. Slowly lift machine, ensuring machine is not tilting at an angle and that sling is not slipping. IMPORTANT: DO NOT WALK OR STAND UNDER MACHINE DURING SLINGING OPERATION.

INSTALLATION

Remove protective coating from bright parts by applying a cloth soaked in paraffin, turpentine or other solvent. Machine should be so placed that the traffic of men and materials to and from it fits smoothly into the general scheme of traffic. Machine should be so placed that it will not be necessary for the operator to stand in or near an aisle as to cause a hazard. The minimum clearance on each working side of machine should be at least 750mm greater than the length of the largest material worked on the machine.

FOUNDATION

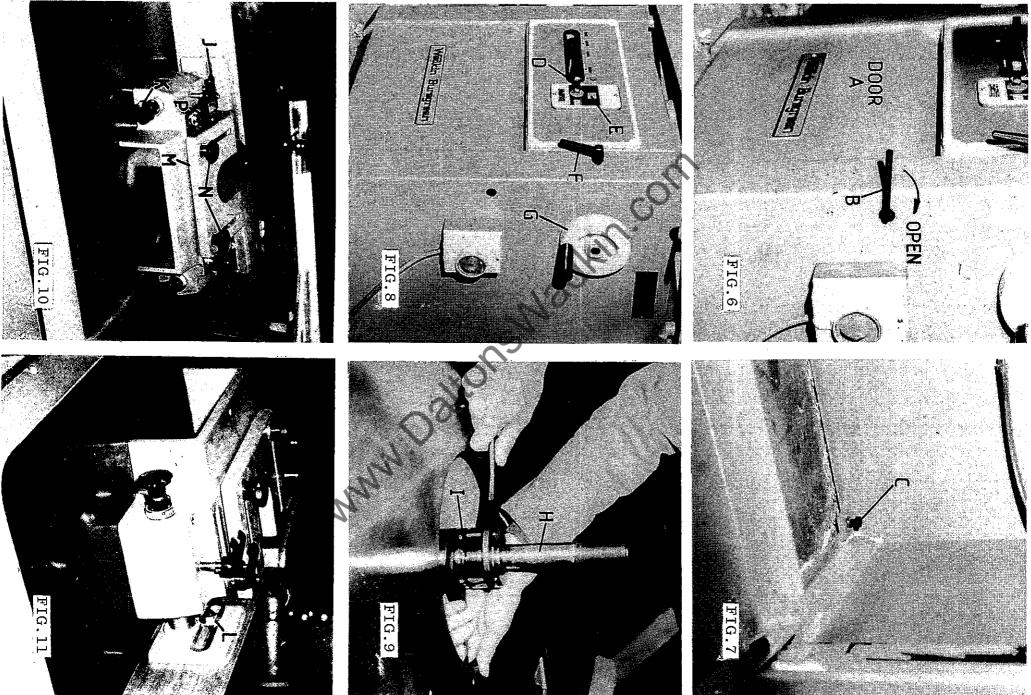
Ensure floor is level, then mark to suit 3 - M12 rawlbolts, refer to foundation plan FIG.3. Drill floor to suit rawlbolts. These bolts are not supplied with the machine, but can be supplied at an additional charge. To obtain access to foundation bolts and stabilizing bolts, open front access door "A" FIG.6, at both sides with hexagon wrench "B" (supplied). Release 2 stabilizing bolts "C" FIG.7, bolt to floor, jack bolts "C" until they touch the floor, lock in position with locknuts. Re-lock front access door.

WIRING DETAILS

The motor and control gear have been wired in before despatch. All that is required is to connect the power supply to the starter or isolator when fitted.

Points to note when connecting to power supply:-

- 1) Check that the voltage, phase and frequency correspond to those on the motor plate, also that the correct coils and heaters are fitted to the starter.
- 2) It is important that the correct cable is used to give the correct voltage to the starter as running on a low voltage will damage the motor.
- Check main line fuses are correct capacity. See fuse list inside; front cover of instruction manual.
- 4) Connect the line leads to the appropriate terminals. See wiring diagrams FIG.4 and FIG.5.
- 5) Check all connections are sound.
- 6) Check the rotation of the motor for the correct direction. If this is incorrect, reverse any two of the line lead connections for 3 phase supply.



LUBRICATION

It is advisable to keep all bright parts covered with a thin film of oil to prevent rusting. All bearings are sealed for life and require no lubrication.

SPINDLE SPEED CHANGE

FREE POSITION

With speed change handle 'D' FIG.8 in position shown, the spindle will not start. This is the 'free' position and allows the spindle to be spun by hand to check cutter clearances.

RUNNING

To run machine, pull speed change handle 'D' FIG.8 away from stop button and engage 3000 rpm position. The spindle can now be started by pressing start button 'E' FIG.8. Change speed by moving speed change handle to speed required with spindle running.

BRAKE

Brake is automatically engaged when stop button is pressed. NOTE: DO NOT USE SPEED CHANGE HANDLE TO STOP MACHINE.

SAFETY WARNING: SELECT CORRECT SPEED FOR CUTTER EQUIPMENT. (Maximum recommended speed is stamped on cutterblock).

RAISE AND LOWER OF SPINDLE

Maximum spindle travel is 127mm. To rise and fall spindle loosen locking handle 'F' FIG.8 and turn handwheel 'G' to required height. Whilst rise and fall movement of the spindle provides an immediate adjustment of cutter height, further adjustments outside range can be affected by re-positioning collars on work spindle.

NOTE: 1 FULL TURN OF HANDWHEEL = 2mm VERTICAL ADJUSTMENT.

WORK SPINDLE INSTALLATION

The 3 removeable table rings give 4 table openings 280, 202, 162 and 80mm dia.

Select required table opening before proceeding to fit work spindle. To insert work spindle, follow undermentioned procedure:-

Locate work spindle 'H' FIG.9, into main spindle through table opening taking care to ensure that work and main spindle seatings are completely free from all burrs, dirt and rust. Smear a thin film of oil on work spindle seating before inserting, then align peg in work spindle with slot in main spindle and press onto seating. Replace spindle locknut 'I' FIG.9 on main spindle, firmily locking the work spindle in position.

WARNING: ALWAYS ENSURE AT ALL TIMES THAT THE WORK SPINDLE IS SECURELY HELD BY THE SPINDLE LOCKNUT BEFORE STARTING MACHINE. For method of locking and unlocking tooling, refer to FIG.12.

.-----

FENCE ADJUSTMENT

Each fence plate can be independently adjusted by loosening the required looking handle "J" FIG.10 and turning the appropriate handwheel "K". When set, relock handle "J".

For lengthwise movement of fence plates, loosen locknut "L" FIG.11, position fence plate as required, then tighten locknut "L".

NOTE: THE FENCE PLATES MUST BE LOCKED IN ALL POSITIONS WHEN MACHINE IS IN USE.

A safety guard "M" FIG.10, is fitted to fence and is adjustable to protect the operator from the rotating cutters. To adjust guard, loosen the 2 handwheels "N", position guard to cover cutters as - much as possible, then relock handwheels "N".

The complete fence unit can be sent 90 degrees to right of spindle. To set fence in this position, loosen locking handles "P", lift fence complete and position 90 degrees to right of spindle, relock studs into table with locking handles "P".

SAFETY NOTE

If machine is used for more than 6 hours in every week, then under 1974 Woodworking Machine Regulations, machine should be connected to dust exhaust system. Should machine be used for less than above period, then we suggest that a guard be produced from drawing (see page 13) and secured to rear of fence by M10 x 20 long hexagon head bolt.

| METHOD OF LOCKING OR UNLOCKING TOOLING |
|-------------------------------------------------------|
| BEL 92 BOX SPANNER 14mm LONG ARM HEXAGON WRENCH |
| LOCK |

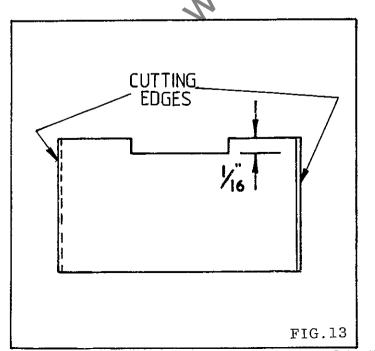
www.DaltonsWadkin.com

ISOLATOR SWITCH (EXTRA)

An electrical isolator switch, FIG.8, can be supplied with machine as an optional extra.

GENERAL HINTS

- 1 Always select the correct speed for the cutter equipment being used. WADKIN BURSGREEN cutterblocks are normally stamped with the maximum permissible speed, but this may need to be reduced dependent on shape and general condition of cutters being used.
- 2 Use sharp cutters which should be reasonably well balanced.
- 3 Ensure the cutters are tight on the blocks before starting machine. Use spanners provided and never a piece of piping to obtain greater leverage. This will strain the nuts and bolts and ultimately make them unsafe.
- 4 Never pack the cutters with sandpaper. This is most dangerous as the grit collapses when the cutter is working and the cutter works loose. For packing use one thickness only of brown paper.
- 5 Keep nuts and bolts clean and keep oil on the threads.
- 6 Never run the cutter equipment at higher than the recommended speed.
- 7 Always use the guards available to ensure maximum protection.
- 8 Make good robust jigs and ensure that the parts are located securely on the jig.
- 9 Always isolate the machine electrically when changing cutter equipment or performing maintenance, etc.
- 10 Always notch cutters for french spindles as shown in FIG.13 for the spindle locking bolt to locate the cutter.



www.DaltonsWadkin.com

.

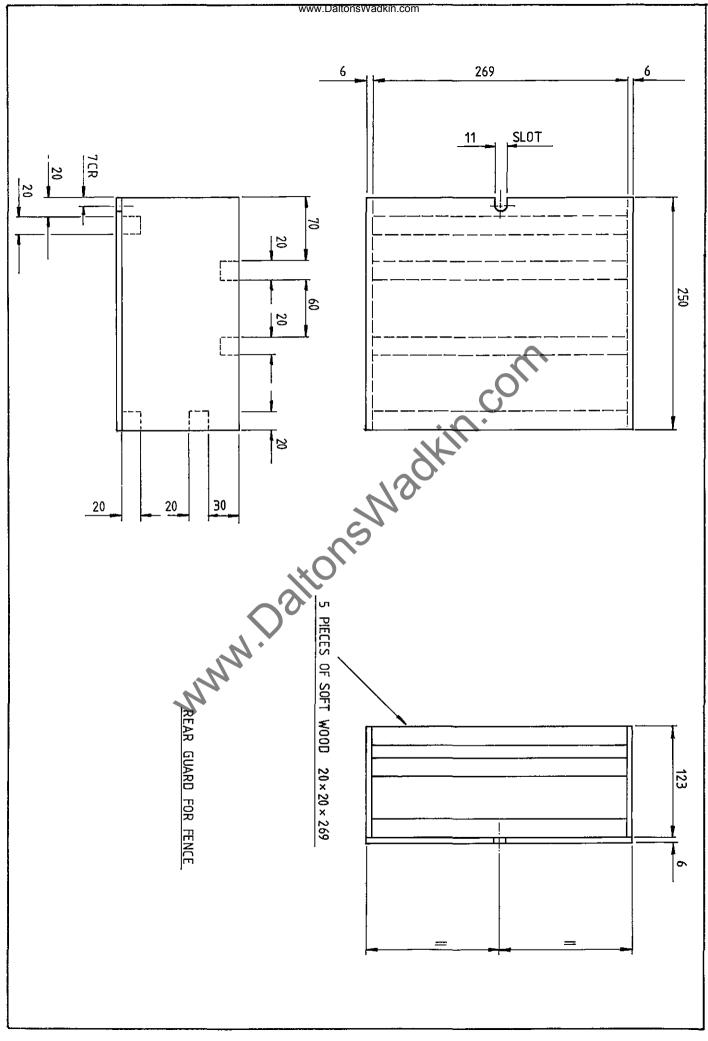
.

www.DaltonsWadkin.com

| Application | APPROVED LUBRICANTS | | | | | | |
|--------------------------------------|------------------------------|--------------------------------|------------|----------------------------------|----------------------------------------------|----------|--|
| | Castrol | В.Р. | Shell | Esso | Texaco/Caltex | Wadkin | |
| Worm Boxes General Lubrication | ZN220 Magna 68 | Energol CS320 Energol HP68 | | Spartan EP220 Nuray | Regal Oil 320 Ursa Oil P68 | L2 L4 | |
| Pneumatic Lubricators Grease | Hyspin AWS32 Spheerol AP3 | Energol HL32 Energrease L53 | | Nuto H32 Beacon 3 | Rando Oil HD32 Regal Starfak Premium 3 | L6 | |
| Brake Cables | Brake Cable grease | Energrease L21M | Alvania R3 | Esso Multi– purpose grease | | | |
| | | NNN. | | | | | |

14

1



.

MACHINE PARTS LIST

INDEX

•

•

ł

î,

. •

| BASE | Page 16 – 17 |
|--------------------------------|---------------------|
| MAIN SPINDLE AND RISE AND FALL | Page 18 - 19 |
| SPEED CHANGE DRIVE | Page 20 - 21 |
| TABLE RINGS AND WORK SPINDLES | Page 22 - 23 |
| FENCE | Page 24 - 25 |
| | |

www.Dationswadkin.com

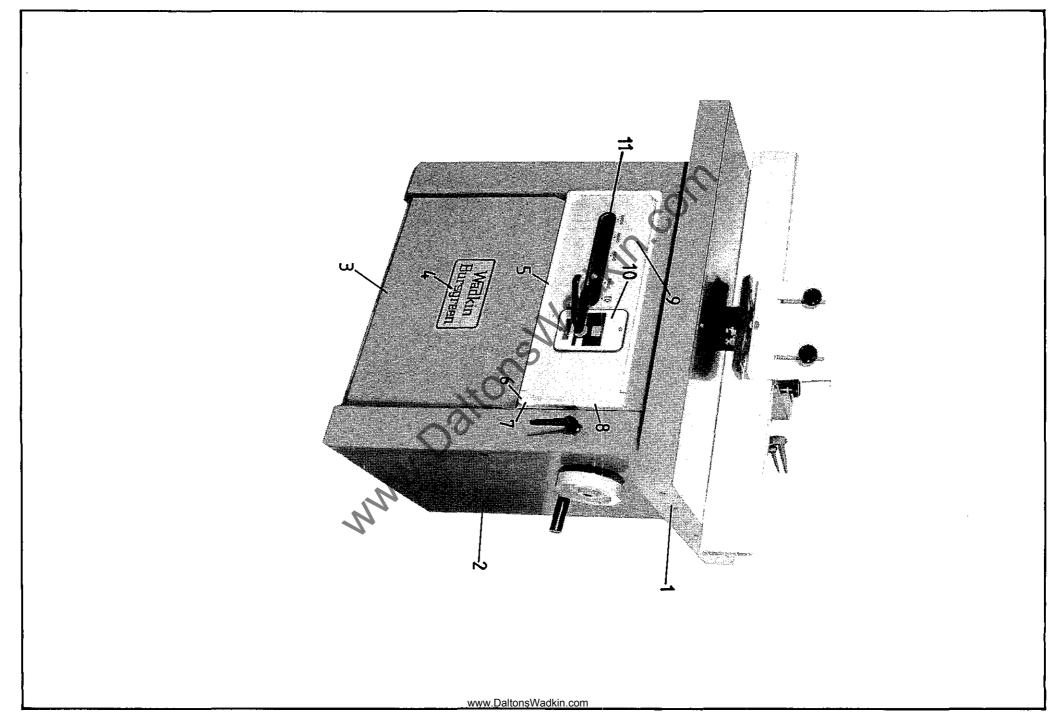


BASE ASSEMBLY:-UNITS PART NO. * FIG ITEM DESCRIPTION PER 1 BEL/1 1 Main Table 2 1 BEL/4 Base BEL/7 C-S-348 З 1 Door 1 4 Nameplate 5 BEL/108 $\mathbf{2}$ Extrusion for control plate 4 Cap for Corner Moulding 6 BEL/52 7 4 BEL/51 Corner Moulding 2 8 Extrusion for Control Plate BEL/107 9 BEL/48 1 Control Plate 1 10 847ADSF Starter 11 1 Change Lever Stop Nut Change Lever Stop Washer BEL 104 www.battonswadk 1 BEL 105 Knurled Grip Knob

ł

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES



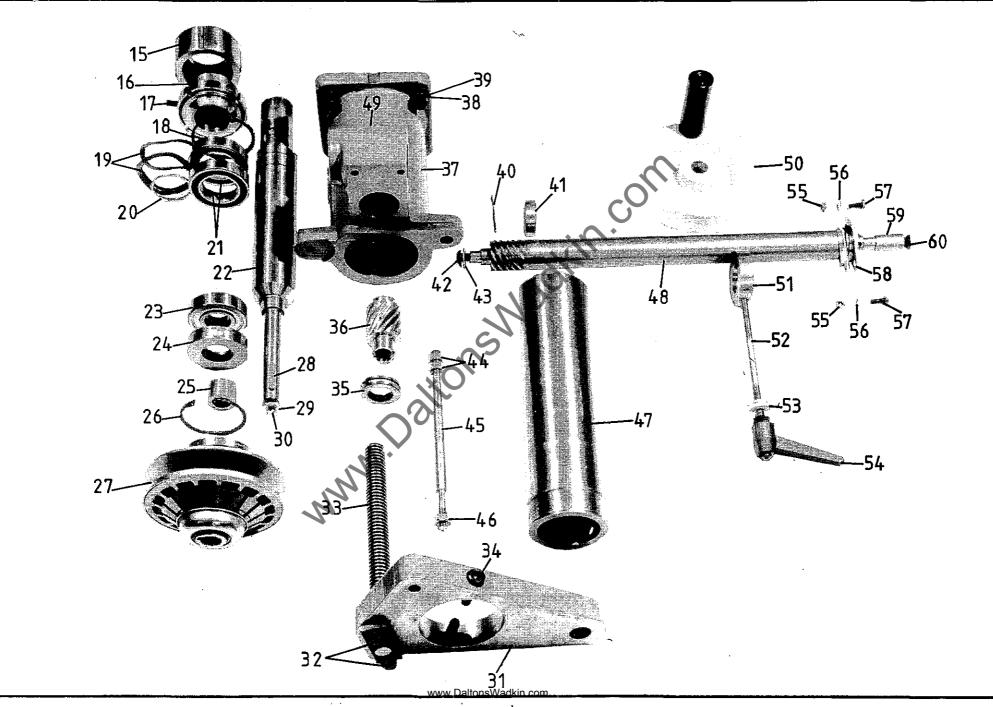




| FIG ITEMPART NO.*UNITS PER ASSEMBLYDESCRIPTION15BEL/151Main Spindle Nut16BEL/141Spindle Adaptor Nut17K05-26-5711M8 x 16 Long Nylok Socket Set Screws18K51-10-21017000 068 Internal Circlip19K51-88-8093EPL50 Pre-Load Washer20BEL/161Top Bearing Spacer21K06-01-95116305-22 Bearings23K06-01-9511Boynale Pulley Spacer24BEL/171Bottom Bearing Spacer25BEL/331Spindle Pulley Spacer26K51-10-20717000 062 Internal Circlip27K51-59-1051Variable Speed Pulley Type 11.213.13.92028K05-20-10616 x 6 x 35 Long Feather Key29BEL/1881Spindle Washed30BL/201Rise and Fall Screw3422N40 x 30 Long Socket Capscrews35K06-04-1341Sil00 Thrust Race36EEL/361Rise and Fall Gear37EEL/361Rise and Fall Screw38K06-27-1112M10 x 30 Long Socket Capscrews394Sol2-22 Ball Bearing4K06-27-114M12 Xut4K51-27-20814Rise and Fall Stop Rod4K51-27-20814BEL/3515K51-27-20816K | ASSE | ASSEMBLY:- MAIN SPINDLE AND RISE AND FALL | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------|---------------|--------------------------------|--|--|
| 16 $BEL/14$ 1 Spindle Adaptor Nut 17 K05-26-571 1 M8 x 16 Long Nylok Socket Set Screws 18 K51-10-210 1 7000 068 Internal Circlip 19 K51-88-809 3 EPL50 Pre-Load Washer 20 BEL/16 1 Top Bearing Spacer 21 K06-01-950 2 6008-22 Bearing 22 BEL/17 1 Bottom Bearing Spacer 23 K06-01-951 1 G305-22 Bearing 24 BEL/33 1 Spindle Pulley Spacer 25 BEL/33 1 Spindle Pulley Spacer 26 K51-10-207 1 7000 062 Internal Circlip 27 K51-59-105 1 Variable Speed Pulley Type 11.213.13.920 28 K05-20-106 1 6 x 6 x 35 Long Feather Key 29 BEL/188 1 Mlo x 25 Long Nylok Socket Capscrew 30 1 Mlo x 30 Long Socket Capscrews 1 31 BEL/8 1 Gill x 20 Mlo x 30 Long Socket Capscrews 33 BEL/20 1 Rise and Fall Gear <t< td=""><td>FIG ITEM</td><td>PART NO. *</td><td>PER</td><td>DESCRIPTION</td></t<> | FIG ITEM | PART NO. * | PER | DESCRIPTION | | |
| 16 $BEL/14$ 1 Spindle Adaptor Nut 17 K05-26-571 1 M8 x 16 Long Nylok Socket Set Screws 18 K51-10-210 1 7000 068 Internal Circlip 19 K51-88-809 3 EPL50 Pre-Load Washer 20 BEL/16 1 Top Bearing Spacer 21 K06-01-950 2 6008-22 Bearing 22 BEL/17 1 Bottom Bearing Spacer 23 K06-01-951 1 G305-22 Bearing 24 BEL/33 1 Spindle Pulley Spacer 25 BEL/33 1 Spindle Pulley Spacer 26 K51-10-207 1 7000 062 Internal Circlip 27 K51-59-105 1 Variable Speed Pulley Type 11.213.13.920 28 K05-20-106 1 6 x 6 x 35 Long Feather Key 29 BEL/188 1 Mlo x 25 Long Nylok Socket Capscrew 30 1 Mlo x 30 Long Socket Capscrews 1 31 BEL/8 1 Gill x 20 Mlo x 30 Long Socket Capscrews 33 BEL/20 1 Rise and Fall Gear <t< td=""><td>15</td><td>BEL/15</td><td>1</td><td>Main Spindle Nut</td></t<> | 15 | BEL/15 | 1 | Main Spindle Nut | | |
| 17K05-26-5711Mã x 16 Long Nylok Socket Set Screws18K51-10-21017000 068 Internal Circlip19K51-88-8093EPL50 Pre-Load Washer20EEL/161Top Bearing Spacer21K06-01-9502 $6008-22$ Bearing22EEL/131Main Spindle23K06-01-9511 $6305-22$ Bearing24BEL/171Bottom Bearing Spacer25EEL/331Spindle Pulley Spacer26K51-10-20717000 062 Internal Circlip27K51-59-1051Variable Speed Pulley Type 11.213.13.92028K05-20-10616 x 6 x 35 Long Peather Key29BEL/181Spindle Washet301Ml0 x 25 Ling Nylok Socket Capscrew31BEL/201Rise and Fall Screw322Max X 20. Nylok Socket Capscrews33BEL/201Rise and Fall Gear342Ml0 x 30 Long Socket Capscrews35K06-04-134136K05-28-155447BEL/36138K05-28-155448K05-27-101249Ml0 x 16 Long Socket Button Head Screw40K51-10-204141K06-01-855142Ml0 x 16 Long Socket Button Head Screw44K05-27-101245BEL/25146K05-27-104147Ml2 Nut <td></td> <td></td> <td></td> <td></td> | | | | | | |
| 18 K51-10-210 1 7000 068 Internal Circlip 19 K51-10-210 1 Top Bearing Spacer 20 BEL/16 1 Top Bearing Spacer 21 K06-01-950 2 6008-22 Bearing 22 BEL/13 1 Main Spindle 23 K06-01-951 1 6305-22 Bearing 24 BEL/17 1 Bottom Bearing Spacer 25 EEL/33 1 Spindle Pulley Spacer 26 K51-10-207 1 7000 062 Internal Circlip 27 K51-59-105 1 Variable Speed Pulley Type 11.213.13.920 28 K05-20-106 1 6 × 6 × 35 Long Weather Key 29 BEL/188 1 Spindle Washer 30 1 M10 × 25 Lang Nylok Socket Capscrews 31 BEL/20 1 Rise and Fall Gear 34 2 M10 × 30 Long Nylok Socket Capscrews 35 K06-04-134 1 Sil00 Thrust Race 36 BEL/36 1 Rise and Fall Housing 38 K05-28-155 4 M10 × 30 Long Nylok S | | | | | | |
| 19 K51-88-809 3 EPL50 Pre-Load Washer 20 BEL/16 1 Top Bearing Spacer 21 K06-01-950 2 6008-22 Bearing 22 BEL/13 1 Main Spindle 23 K06-01-951 1 6305-22 Bearing 24 BEL/17 1 Bottom Bearing Spacer 25 BEL/33 1 Spindle Pulley Spacer 26 K51-10-207 1 Variable Speed Pulley Type 11.213.13.920 27 K51-59-105 1 Variable Speed Pulley Type 11.213.13.920 26 K51-10-207 1 Variable Speed Pulley Type 11.213.13.920 27 K51-59-105 1 Variable Speed Pulley Type 11.213.13.920 28 K05-20-106 1 6 x 6 x 35 Long Yeather Key 29 BEL/188 1 Spindle Washer 30 1 M10 x 25 Lhft Mylok Socket Capscrews 31 BEL/20 1 Rise and Fall Gear 37 BEL/3 1 Fise and Fall Housing 38 K05-28-155 4 M10 x 30 Long Nylok Socket Capscrews 3 | | | | | | |
| 20BEL/161Top Bearing Spacer21K06-01-95026008-2Z Bearings22BEL/131Main Spindle23K06-01-95116305-2Z Bearing24BEL/171Bottom Bearing Spacer25BEL/331Spindle Pulley Spacer26K51-10-20717000 062 Internal Circlip27K51-59-1051Variable Speed Pulley Type 11.213.13.92028K05-20-10616 x 6 x 35 Long Feather Key29BEL/1881Ml0 x 25 Long Vector Key29BEL/201Rise and Fail Screw31BEL/201Rise and Fail Screw33BEL/361Rise and Fail Gear34210 x 30 Long Nylok Socket Capscrews35K06-04-134136BEL/36137EEL/3138K05-28-155440K51-10-204141K06-01-955142P32/289144K05-27-104145BEL/25146K55-27-10447BEL/6148Spia and Fail Screw49144BEL/7345BEL/2546Rise and Fail Screw47BEL/648BEL/2649144BEL44BEL45BEL44BEL45BEL <t< td=""><td></td><td></td><td></td><td></td></t<> | | | | | | |
| 21 $06-01-950$ 2 $6008-22$ Bearings22BEL/131Main Spindle23 $K06-01-951$ 1 $6305-22$ Bearing24BEL/171Bottom Bearing Spacer25BEL/331Spindle Pulley Spacer26 $K51-10-207$ 1 7000 062 Internal Circlip27 $K51-59-105$ 1Variable Speed Pulley Type 11.213.13.92028 $K05-20-106$ 1 $6 \times 6 \times 35$ Long Feather Key29BEL/1881Spindle Washer301Ml0 x 25 Long Nylok Socket Capscrew31BEL/201Rise and Fall Screw342Ml0 x 30 Long Socket Capscrews35 $K06-04-134$ 151105 Thrust Race36BEL/361Rise and Fall Housing37DEL/31Bise and Fall Bearing40 $K51-10-204$ 1Rise and Fall Bearing41 $K06-01-955$ 1 $6302-22$ Ball Bearing421Ml0 x 30 Long Nylok Socket Capscrews43P32/2891Ml0 x 16 Long Socket Button Head Screw44 $K05-27-101$ 2Ml2 Locknuts45EEL/251Rise and Fall Stop Rod46 $K05-27-104$ Ml2 Nut47BEL/6148BEL/35149151BEL/36151BEL/35152K51-27-208153K51-66-153154K51-27-101 <td< td=""><td></td><td></td><td>ן ר</td><td></td></td<> | | | ן ר | | | |
| 22 $BEL/13$ 1Main Spindle23K06-01-9511 $6305-2Z$ Bearing24 $BEL/17$ 1Bottom Bearing Spacer25 $BEL/33$ 1Spindle Pulley Spacer26 $K51-10-207$ 17000 062 Internal Circlip27 $K51-59-105$ 1Variable Speed Pullay Type 11.213.13.92028 $K05-20-106$ 16 x 6 x 35 Long Feather Key29 $BEL/188$ 1Spindle Washer301Ml0 x 25 Long Nylok Socket Capscrew31 $BEL/8$ 1Wl0 x 30 Long Socket Capscrews33 $BEL/20$ 1Rise and Fall Gear34 $BEL/36$ 1Files and Fall Gear35 $K06-04-134$ 1Files and Fall Gear36 $K52-82-155$ 4Ml0 x 30 Long Nylok Socket Capscrews37 $BEL/3$ 1Files and Fall Housing38 $K05-28-155$ 4Ml0 x 30 Long Nylok Socket Capscrews40 $K51-10-204$ 17000 042 Internal Circlip41 $K06-01-955$ 1G302-22 Ball Bearing421Ml0 x 16 Long Socket Button Head Screw43 $P32/289$ 1Washer44 $K05-27-104$ Ml2 Locknuts45 $BEL/25$ 146 $K05-27-104$ Ml2 Locknuts47 $BEL/6$ Rise and Fall Staft48 $BEL/73$ 149141K05-27-104Ml6 Nuts43B51-27-208144 | | | 2 | | | |
| 23 $K06-01-951$ 16305-22 Bearing24BEL/171Bottom Bearing Spacer25BEL/331Spindle Pulley Spacer26K51-10-20717000 062 Internal Circlip27K51-59-1051Variable Speed Pulley Type 11.213.13.92028K05-20-10616 x 6 x 35 Long Yeather Key29BEL/1881Spindle Washat301M10 x 25 Long Nylok Socket Capscrews31BEL/81Quill Base Tate292M8 x 20. Nylok Socket Capscrews33BEL/201Rise and Fall Screw342M10 x 30 Long Socket Capscrews35K06-04-134136BEL/36Rise and Fall Gear37BEL/3138K05-28-155440K51-10-204141K06-01-955142143P32/289144K05-27-111245BEL/25146K05-27-104M12 Nut47BEL/6148BEL/75149150K51-27-208151BEL/3152BEL/111153K05-27-101254K05-27-101155K05-27-101256K05-27-101257K51-27-208158K06-30-405159BEL/241 <td></td> <td></td> <td>1</td> <td></td> | | | 1 | | | |
| 24BEL/171Bottom Bearing Spacer25BEL/331Spindle Pulley Spacer26K51-10-20717000 062 Internal Circlip27K51-59-1051Variable Speed Pulley Type 11.213.13.92028K05-20-10616 x 6 x 35 Long Neather Key29BEL/1881Spindle Washer301Ml0 x 25 Long Nylok Socket Capscrew31BEL/201Rise and Fall Screw33BEL/201Rise and Fall Cear342Ml0 x 30 Long Socket Capscrews35K06-04-134151165 Thrust Race36BEL/31Rise and Fall Gear37BEL/31Rise and Fall Gear38K05-28-1554Ml0 x 30 Long Nylok Socket Capscrews40K51-10-2041Rise and Fall Gear41K06-01-9551Rise and Fall Gear421Ml0 x 16 Long Socket Button Head Screw43P32/2891Washer44K05-27-1041Rise and Fall Stop Rod46K05-27-1041Rise and Fall Stop Rod47BEL/351Rise and Fall Stop Stud491Ml6 Grease Nipple50K51-27-2081Rise and Fall Clamp Stud491Rise and Fall Clamp Stud51K51-27-191151Rise and Fall Clamp Stud53K51-66-153154K51-27-191155K05-28 | | | | | | |
| 25BEL/331Spindle Pulley Spacer26K51-10-20717000 062 Internal Circlip27K51-59-1051Variable Speed Pulley Type 11.213.13.92028K05-20-10616 x 6 x 35 Long Yeather Key29BEL/1881Ml0 x 25 Long Yeather Key29BEL/81Quill Base Plate301Ml0 x 25 Long Nylok Socket Capscrews31BEL/201Rise and Fall Screw33BEL/201Rise and Fall Gear342Ml0 x 30 Long Socket Capscrews35K06-04-1341File and Fall Housing38K05-28-1554Homm Spring Washers394Toom Syring Washers40K51-10-20417000 042 Internal Circlip41K06-01-9551Rise and Fall Housing421Rise and Fall Stop Rod44K05-27-1112Ml2 Nut45BEL/351Rise and Fall Stop Rod46K05-27-1041Ml2 Nut47BEL/61Rise and Fall Stop Rod48BEL/351Rise and Fall Stop Rod491Rise and Fall Clamp Stud41Robert1421Rise and Fall Stop Rod43BEL/35144K05-27-104145BEL/35146Grease Nipple5185152BEL/111153K51-66-1 | | | | - | | |
| 26 $K51-10-207$ 17000 062 Internal Circlip27 $K51-59-105$ 1Variable Speed Pulley Type 11.213.13.920 Stockline No. E2-53.17828 $K05-20-106$ 16 x 6 x 35 Long Feather Key29 $BEL/188$ 1MIO x 25 Long Nylok Socket Capscrew301MIO x 25 Long Nylok Socket Capscrews31 $BEL/8$ 1Quill Base Clate322M8 x 20 Nylok Socket Capscrews33 $BEL/20$ 1Rise and Fall Screw342M10 x 30 Long Socket Capscrews35 $K06-04-134$ 151105 Thrust Race36 $BEL/36$ 1Rise and Fall Gear37 $BEL/3$ 1Pise and Fall Housing38 $K05-28-155$ 4N10 x 30 Long Nylok Socket Capscrews40 $K51-10-204$ 17000 042 Internal Circlip41 $K06-01-955$ 1G302-2Z Ball Bearing421M10 x 16 Long Socket Button Head Screw43 $P32/289$ 1Washer44 $K05-27-111$ 2M12 Locknuts45 $BEL/3$ 1Rise and Fall Quill46 $K05-27-104$ 1M12 Nut47 $BEL/3$ 1Rise and Fall Clamp Stud48 $BEL/73$ 1Collar59 $BEL/111$ 1Rise and Fall Clamp Stud53 $K05-27-101$ 2M6 Nuts54 $K51-27-191$ 1M10 Locking Handle55 $K05-27-502$ 2M6 X 16 Long Hexagon Set Scr | | | | | | |
| 27K51-59-1051Variable Speed Pulley Type 11.213.13.920 Stockline No. E2-33.17828K05-20-10616 x 6 x 35 Long Feather Key29BEL/1881M10 x 25 Long Nylok Socket Capscrew31BEL/81Quill Base Plate322M8 x 20 Nylok Socket Capscrews33BEL/201Rise and Fall Screw342M10 x 30 Long Socket Capscrews35K06-04-134151103 Thrust Race36BEL/361Hise and Fall Gear37BEL/31Hise and Fall Gear38K05-28-1554How 30 Long Socket Capscrews40K51-10-2041700 042 Internal Circlip41K06-01-95516302-2Z Ball Bearing421M10 x 16 Long Socket Button Head Screw43P32/2891Rise and Fall Stop Rod44K05-27-1112M12 Locknuts45BEL/251Rise and Fall Stop Rod46K05-27-1041M12 Nut47BEL/351Rise and Fall Stop Rod48BEL/351Rise and Fall Clamp Stud491M6 Grease Nipple50K51-27-20811Haxber Grommet51BEL/73156K05-28-102257K05-25-502258K06-30-405159BEL/24159BEL/24159BEL/241 | | | | | | |
| 28K05-20-1061Stockline No. E2-5.17829BEL/1881Spindle Washer301M10 x 25 Long Nylok Socket Capscrew31BEL/81Quill Base Olate322M8 x 20 Nylok Socket Capscrews33BEL/201Rise and Fall Screw342M10 x 30 Long Socket Capscrews35K06-04-134136BEL/36137BEL/3138K05-28-155440K51-10-204141K06-01-955142M10 x 30 Long Nylok Socket Capscrews394M10 x 30 Long Nylok Socket Capscrews41K06-01-955142M10 x 16 Long Socket Button Head Screw43P32/289144K05-27-111245BEL/251Rise and Fall Stop Rod46K05-27-10447BEL/61Rise and Fall Stop Rod48BEL/731Collar50K51-27-2081Handwheel51BEL/731Collar52BEL/1111Rise and Fall Clamp Stud53K51-66-15354K51-27-10155K05-28-10256K05-28-10257K05-25-50258K06-30-40559BEL/2459BEL/2450SLFL 16 "Self-Lube" Pressed Flange Bearing Unit | | | | | | |
| 28 $K05-20-106$ 16 x 6 x 35 Long Feather Key29BEL/1881Spindle Washer301M10 x 25 Long Nylok Socket Capscrew31BEL/81Quill Base Plate3222M8 x 20 Nylok Socket Capscrews342M10 x 30 Long Socket Capscrews35K06-04-134151105 Thrust Race36BEL/361Rise and Fall Gear37BEL/31Rise and Fall Gear38K05-28-1554Hom Spring Washers394You 30 Long Socket Capscrews40K51-10-204T000 042 Internal Circlip41K06-01-955142M10 x 16 Long Socket Button Head Screw43P32/289144K05-27-101245BEL/25146K05-27-104M12 Nut47BEL/6148BEL/73149149150K51-27-208151BEL/73152BEL/111153K51-66-153154K51-27-101255M6 Nuts56K05-28-102257K05-25-502258K06-30-405159BEL/24159BEL/24150SLFL 16 "Self-Lube" Pressed Flange Bearing57V05-25-502258K06-30-405159< | 21 | K01-09-100 | - | Stockling No. F2 53 178 | | |
| 29BEL/1881Spindle Washer301M10 x 25 Long Nylok Socket Capscrew31BEL/81Quill Base Plate322M8 x 20 Nylok Socket Capscrews33BEL/201Rise and Fall Screw342M10 x 30 Long Socket Capscrews35K06-04-134136BEL/36137BEL/3138K05-28-155440K51-10-204141K06-01-955142M10 x 30 Long Nylok Socket Capscrews43P32/289144K05-27-111245BEL/35146K05-27-104147BEL/35148BEL/35149M12 Nut49M6 Grease Nipple50K51-66-153151BE bia Rubber Grommet54K51-27-101255M6 Nuts56K05-27-101158K05-27-101159BEL/24159BEL/24159BEL/241 | 90 | VOE 20 100 | - | G v G v 25 Lorg Forther Kon | | |
| 301MIO x 25 Long Nylok Socket Capscrew31BEL/81Quill Base Diate322M8 x 20 Nylok Socket Capscrews33BEL/201Rise and Fall Screw342MIO x 30 Long Socket Capscrews35K06-04-134136BEL/36137BEL/3138K05-28-15544MIO x 30 Long Nylok Socket Capscrews3944MIO x 30 Long Nylok Socket Capscrews40K51-10-20441K06-01-95542MIO x 30 Long Socket Button Head Screw43P32/28944MIO x 16 Long Socket Button Head Screw44K05-27-11145BEL/251Rise and Fall Stop Rod46K05-27-10447BEL/61Rise and Fall Stop Rod48BEL/731Rise and Fall Stop Rod49150K51-27-2081Handwheel51BEL/731Collar52BEL/111Rise and Fall Clamp Stud53K05-27-1012M6 Nuts54K51-27-20255M6 x 16 Long Hexagon Set Screws56K05-28-50257K05-25-50258K06-30-40559BEL/241Tapered Bush for Handwheel | | | | | | |
| 31BEL/81Quill Base Plate322M8 x 20 Nylok Socket Capscrews33BEL/201Rise and Fall Screw342M10 x 30 Long Socket Capscrews35K06-04-134151105 Thrust Race36BEL/361Pise and Fall Gear37BEL/31Pise and Fall Gear38K05-28-1554Nom Spring Washers394M10 x 30 Long Nylok Socket Capscrews40K51-10-204141K06-01-95514217000 042 Internal Circlip43P32/289144K05-27-111245BEL/25146K05-27-10447BEL/68EL/35148BEL/3549140K51-27-20841Rise and Fall Quill4214344512545465127-104478EL/3548495151515153545556575759595951515159515153545555565758595951 | | DEU/ 100 | | | | |
| 322M8 x 20 Nylok Socket Capscrews33BEL/201Rise and Fall Screw342M10 x 30 Long Socket Capscrews35K06-04-134136BEL/36137BEL/3138k05-28-155440K51-10-204141K06-01-955142M10 x 30 Long Nylok Socket Capscrews40K51-10-204141K06-27-111242M10 x 16 Long Socket Button Head Screw43P32/289144K05-27-104145BEL/25146K05-27-104147BEL/6148BEL/35149149150K51-27-208151BEL/73151BEL/73153K51-66-153154K51-27-101155K05-27-101256K05-28-102257K05-25-502258K06-30-405159BEL/24159BEL/24159BEL/24159BEL/24150K31-27-4151Tapered Bush for Handwheel | | 2/ זיזיט | | Ouill Raco Disto | | |
| 33BEL/201Rise and Fall Screw342MIO X 30 Long Socket Capscrews35K06-04-134136BEL/36137BEL/3138K05-28-155440K51-10-204141K06-01-955142100m Spring Washers43P32/289144K05-27-111245BEL/25146K05-27-104147BEL/6148BEL/35149149150K51-27-20851BEL/7351BEL/7351Rise and Fall Clamp Stud53K51-66-15354K05-27-10155K05-27-10156K05-28-10257K05-25-50258K06-30-40559BEL/2450BEL/2451SLFL 1659BEL/24 | | оец/о | | | | |
| 342M10 x 30 Long Socket Capscrews 35 K06-04-134151105 Thrust Race 36 BEL/361Rise and Fall Gear 37 BEL/31Pise and Fall Housing 38 K05-28-1554Fomm Spring Washers 39 4M10 x 30 Long Nylok Socket Capscrews 40 K51-10-2044 41 K06-01-9554 42 M10 x 16 Long Socket Button Head Screw 43 P32/2891 44 K05-27-1112 45 BEL/251 46 K05-27-1041 47 BEL/61 48 BEL/351 49 1 49 1 49 1 50 K51-27-208 11 Rise and Fall Quill 48 BEL/73 12 Collar 54 K51-27-101 24 M6 Nuts 55 K05-27-101 25 K05-27-101 46 K05-27-101 47 BEL/11 16 Rise and Fall Clamp Stud 56 K05-28-102 26 M6 Nuts 57 K05-25-502 26 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 17 Tapered Bush for Handwheel | | | ב ר | | | |
| 35K06-04-134151105 Thrust Race36BEL/361Rise and Fall Gear37BEL/31Rise and Fall Housing38K05-28-155410mm Spring Washers394M10 x 30 Long Nylok Socket Capscrews40K51-10-204141K06-01-9551421M10 x 16 Long Socket Button Head Screw43P32/289144K05-27-111245BEL/25146K05-27-104147BEL/6148BEL/35149149150K51-27-20851BEL/73152BEL/11153K51-66-15354K51-27-19155K05-27-10156K05-28-10256K05-28-10257K05-25-50258K06-30-40559BEL/2459BEL/2459BEL/245057595759575957575957595759545556575758595951555657575859515455 | | DEL/20 | 1 2 | MIQ x 30 Long Socket Concerows | | |
| 36BEL/361Rise and Fall Gear37BEL/31Fise and Fall Housing38K05-28-1554Homm Spring Washers394MIO x 30 Long Nylok Socket Capscrews40K51-10-2041 $7000\ 042$ Internal Circlip41K06-01-9551 $6302-22$ Ball Bearing421MIO x 16 Long Socket Button Head Screw43P32/2891Washer44K05-27-1112MI2 Locknuts45BEL/251Rise and Fall Stop Rod46K05-27-1041MI2 Nut47BEL/61Rise and Fall Shaft491M6 Grease Nipple50K51-27-208151BEL/73152BEL/111153K51-66-153154K51-27-101256K05-28-102257K05-25-502258K06-30-405159BEL/24159BEL/241 | | KOG 04 134 | | 51105 Thrust Page | | |
| 37BEL/31Rise and Fall Housing38K05-28-1554Homm Spring Washers394M10 x 30 Long Nylok Socket Capscrews40K51-10-204141K06-01-9556302-22 Ball Bearing42M10 x 16 Long Socket Button Head Screw43P32/289144K05-27-111245BEL/25146K05-27-104M12 Locknuts47BEL/6148BEL/35149150K51-27-208151BEL/73152BEL/1153K51-66-15354K51-27-10155K05-27-10156K05-28-10257K05-28-10258K06-30-40559BEL/2459BEL/2457K05-2458K06-30-40559BEL/2459BEL/2450K51-27451152153154155156157158159354593545756558575655859354593545935450555565756575758595 | | | | | | |
| 38 $k05-28-155$ 4Yomm Spring Washers394 $M10 \times 30$ Long Nylok Socket Capscrews40 $K51-10-204$ 7000 042 Internal Circlip41 $K06-01-955$ 6302-2Z Ball Bearing42M10 x 16 Long Socket Button Head Screw43 $P32/289$ 144 $K05-27-111$ 245 $BEL/25$ 146 $K05-27-104$ 147 $BEL/6$ 148 $BEL/35$ 149149150 $K51-27-208$ 151 $BEL/73$ 152 $BEL/111$ 53 $K51-27-101$ 54 $K51-27-101$ 55 $K05-27-101$ 56 $K05-28-102$ 57 $K05-28-102$ 58 $K06-30-405$ 59 $BEL/24$ 59 $BEL/24$ 50 $SLFL$ 59 $BEL/24$ 50 $SLFL$ 51 $BL/24$ 52 $K16$ 53 $K52-27-101$ 54 $K51-27-101$ 55 $K05-28-102$ 56 $K05-28-102$ 57 $K05-25-502$ 58 $K06-30-405$ 59 $BEL/24$ 59 $BEL/24$ 50 $SLFL$ 51 $K16$ 52 $K16$ 53 $K16$ 54 $K22-27-101$ 55 $K05-27-101$ 56 $K05-28-102$ 57 $K05-25-502$ 58 $K06-30-405$ 59 $BEL/$ | | | | | | |
| 394M10 x 30 Long Nylok Socket Capscrews 40 K51-10-2047000 042 Internal Circlip 41 K06-01-955 $6302-22$ Ball Bearing 42 M10 x 16 Long Socket Button Head Screw 43 P32/289Washer 44 K05-27-1112 45 BEL/25I 46 K05-27-104M12 Locknuts 46 K05-27-104M12 Nut 47 BEL/6I 48 BEL/35I 49 I 49 M6 Grease Nipple 50 K51-27-208I 40 Handwheel 51 BEL/73I 52 BEL/111I 54 K51-27-191M10 Locking Handle 54 K51-27-191M10 Locking Handle 55 K05-27-101M6 Nuts 56 K05-28-102Gmm Washers 57 K05-25-502M6 x 16 Long Hexagon Set Screws 58 K06-30-405I 59 BEL/24I 79 BEL/24I | | k05_28_155 | | | | |
| 40K51-10-204N7000 042 Internal Circlip 41 K06-01-955N $6302-22$ Ball Bearing 42 N10 x 16 Long Socket Button Head Screw 43 P32/289N 44 K05-27-1112 45 BEL/251 46 K05-27-1041 47 BEL/61 48 BEL/351 49 1 49 1 50 K51-27-2081 51 BEL/731 52 BEL/111 53 K51-66-153 54 K51-27-101 54 K51-27-101 55 K05-28-102 56 K05-28-102 57 K05-25-502 58 K06-30-405 59 BEL/24 1 Tapered Bush for Handwheel | | K00-20-100 | 4 | | | |
| 41K06-01-9556302-22Ball Bearing42M10 x 16 Long Socket Button Head Screw43 $P32/289$ M10 x 16 Long Socket Button Head Screw44K05-27-111M12 Locknuts45BEL/25I46K05-27-104M12 Nut47BEL/6I48BEL/35I49Rise and Fall Quill50K51-27-208I41Handwheel51BEL/73I52BEL/111I53K51-66-153I54K51-27-101M10 Locking Handle55K05-27-101M6 Nuts56K05-28-102M6 x 16 Long Hexagon Set Screws57K05-25-502M6 x 16 Long Hexagon Set Screws58K06-30-405ISLFL 16 "Self-Lube" Pressed Flange Bearing59BEL/24ITapered Bush for Handwheel | | K51_10_204 | | | | |
| 42M10 x 16 Long Socket Button Head Screw 43 $P32/289$ Nu 44 $K05-27-111$ M12 Locknuts 45 $BEL/25$ I 46 $K05-27-104$ M12 Nut 47 $BEL/6$ I 48 $BEL/35$ I 49 N6 Grease Nipple 50 $K51-27-208$ Handwheel 51 $BEL/73$ Collar 52 $BEL/111$ Rise and Fall Clamp Stud 53 $K51-66-153$ I 54 $K51-27-101$ M10 Locking Handle 55 $K05-27-101$ M6 Nuts 56 $K05-28-102$ Gmm Washers 57 $K05-25-502$ M6 x 16 Long Hexagon Set Screws 58 $K06-30-405$ I 59 $BEL/24$ I 41 Tapered Bush for Handwheel | | | | 6302 27 Ball Bearing | | |
| 43 $P32/289$ 1Washer44 $K05-27-111$ 2M12 Locknuts45 $BEL/25$ 1Rise and Fall Stop Rod46 $K05-27-104$ 1M12 Nut47 $BEL/6$ 1Rise and Fall Quill48 $BEL/35$ 1Rise and Fall Shaft491M6 Grease Nipple50 $K51-27-208$ 1Handwheel51 $BEL/73$ 1Collar52 $BEL/111$ 1Rise and Fall Clamp Stud53 $K51-66-153$ 118 Dia Rubber Grommet54 $K51-27-101$ 2M6 Nuts55 $K05-27-101$ 2Gmm Washers56 $K05-28-102$ 2M6 x 16 Long Hexagon Set Screws58 $K06-30-405$ 1SLFL 16 "Self-Lube" Pressed Flange Bearing Unit59 $BEL/24$ 1Tapered Bush for Handwheel | | 100-01-000 | | | | |
| 44 K05-27-111 2 M12 Locknuts 45 BEL/25 1 Rise and Fall Stop Rod 46 K05-27-104 1 M12 Nut 47 BEL/6 1 Rise and Fall Quill 48 BEL/35 1 Rise and Fall Shaft 49 1 M6 Grease Nipple 50 K51-27-208 1 Handwheel 51 BEL/73 1 Collar 52 BEL/111 1 Rise and Fall Clamp Stud 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 9 1 Tapered Bush for Handwheel | | D32/289 | 1 | | | |
| 45 BEL/25 1 Rise and Fall Stop Rod 46 K05-27-104 1 M12 Nut 47 BEL/6 1 Rise and Fall Quill 48 BEL/35 1 Rise and Fall Shaft 49 1 M6 Grease Nipple 50 K51-27-208 1 Handwheel 51 BEL/73 1 Collar 52 BEL/111 1 Rise and Fall Clamp Stud 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 6mm Washers 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 9 Unit 1 Tapered Bush for Handwheel | | | $\frac{1}{2}$ | | | |
| 46K05-27-1041M12 Nut47BEL/61Rise and Fall Quill48BEL/351Rise and Fall Shaft491M6 Grease Nipple50K51-27-2081Handwheel51BEL/731Collar52BEL/1111Rise and Fall Clamp Stud53K51-66-153118 Dia Rubber Grommet54K51-27-1911M10 Locking Handle55K05-27-10126mm Washers56K05-28-10226mm Washers57K05-25-5022M6 x 16 Long Hexagon Set Screws58K06-30-4051SLFL 16 "Self-Lube" Pressed Flange Bearing Unit59BEL/241Tapered Bush for Handwheel | | | | | | |
| 47BEL/61Rise and Fall Quill48BEL/351Rise and Fall Shaft491M6 Grease Nipple50K51-27-2081Handwheel51BEL/731Collar52BEL/1111Rise and Fall Clamp Stud53K51-66-153118 Dia Rubber Grommet54K51-27-1911M10 Locking Handle55K05-27-1012M6 Nuts56K05-28-10226mm Washers57K05-25-5022M6 x 16 Long Hexagon Set Screws58K06-30-4051SLFL 16 "Self-Lube" Pressed Flange Bearing Unit59BEL/241Tapered Bush for Handwheel | | | -1 | | | |
| 48BEL/351Rise and Fall Shaft491M6 Grease Nipple50K51-27-208150K51-27-208151BEL/73152BEL/111153K51-66-153154K51-27-191155K05-27-101256K05-28-102257K05-25-502258K06-30-405159BEL/24159BEL/241 | | | | | | |
| 49 1 M6 Grease Nipple 50 K51-27-208 1 Handwheel 51 BEL/73 1 Collar 52 BEL/111 1 Rise and Fall Clamp Stud 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing Unit 59 BEL/24 1 Tapered Bush for Handwheel | | | ĵ | - | | |
| 51 BEL/73 1 Collar 52 BEL/111 1 Rise and Fall Clamp Stud 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 59 BEL/24 1 Tapered Bush for Handwheel | | , | 1 | | | |
| 51 BEL/73 1 Collar 52 BEL/111 1 Rise and Fall Clamp Stud 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 59 BEL/24 1 Tapered Bush for Handwheel | | K51-27-208 | l ī | | | |
| 52 BEL/111 1 Rise and Fall Clamp Stud 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 59 BEL/24 1 Tapered Bush for Handwheel | | | 1 | | | |
| 53 K51-66-153 1 18 Dia Rubber Grommet 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 59 BEL/24 1 Tapered Bush for Handwheel | | 1 | | | | |
| 54 K51-27-191 1 M10 Locking Handle 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing Unit 59 BEL/24 1 Tapered Bush for Handwheel | | | | | | |
| 55 K05-27-101 2 M6 Nuts 56 K05-28-102 2 6mm Washers 57 K05-25-502 2 M6 x 16 Long Hexagon Set Screws 58 K06-30-405 1 SLFL 16 "Self-Lube" Pressed Flange Bearing 59 BEL/24 1 Tapered Bush for Handwheel | | | | | | |
| 56K05-28-10226mm Washers57K05-25-5022M6 x 16 Long Hexagon Set Screws58K06-30-4051SLFL 16 "Self-Lube" Pressed Flange Bearing Unit59BEL/241Tapered Bush for Handwheel | | | $\frac{1}{2}$ | | | |
| 57K05-25-5022M6 x 16 Long Hexagon Set Screws58K06-30-4051SLFL 16 "Self-Lube" Pressed Flange Bearing Unit59BEL/241Tapered Bush for Handwheel | | | 2 | | | |
| 58K06-30-4051SLFL 16 "Self-Lube" Pressed Flange Bearing Unit59BEL/241Tapered Bush for Handwheel | | | $\frac{1}{2}$ | | | |
| 59 BEL/24 1 Tapered Bush for Handwheel | | | | | | |
| 59 BEL/24 l Tapered Bush for Handwheel | | | - | | | |
| | 59 | BEL/24 |] | | | |
| | | | | | | |
| | | | - | | | |

- ITEM NOT ILLUSTRATED

4



•

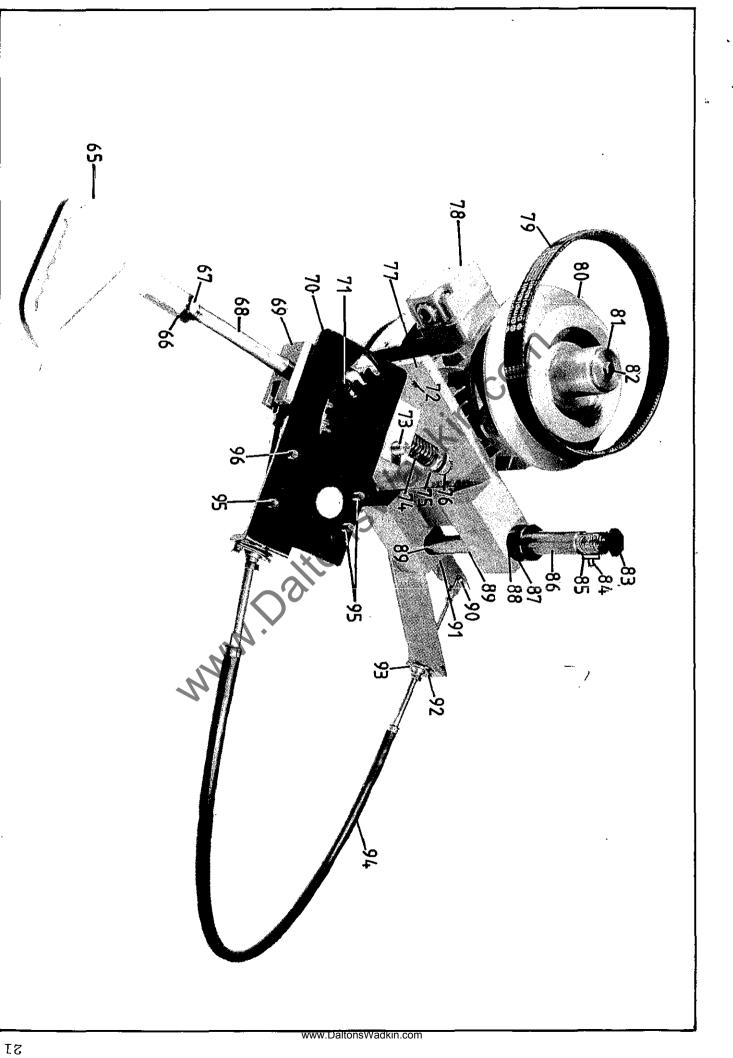
. .



| ASSEMBLY:- SPEED CHANGE AND DRIVE | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| FIG ITEM | PART NO. * | UNITS PER ASSEMBLY | DESCRIPTION | |
| 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 90 91 92 93 94 95 96 | BEL/89 K05-28-106 K05-27-112 BEL/28 BEL/26 BEL/21 K05-25-532 BEL/27 K51-73-138 BEL/130 K51-70-405 BEL/62 K51-04-655 BEL/12 BEL/189 K05-25-165 BEL/213 BEL/213 BEL/217 K05-26-125 K05-28-295 K51-05-120 BEL/32 BEL/128 K51-11-251 K05-25-186 K05-25-332 | | Speed Change Handle 16mm Washer M16 Locknut Speed Change Lever Bracket for Speed Change Lever Rise and Fall Thrust Plate M8 x 45 Long Socket Capscrew M10 x 20 Long Hexagon Set Screw Pivot Pin ETS153 Compression Spring Spring Retaining Wacher 7100 016 External Circlip Motor Mounting Bracket Brooks T.E.F.C. Brake Motor 100L Frame 4Kw 415v, 3PH, 50 cycle, 3000rpm, terminal box at 9'oclock Simplabelt Wide Section - V - Belt 22/800 Stockling No E5.27.934 Motor Publey Motor Spindle Washer M20 Aerotight Nut M6 x 16 Long Socket Capscrew Key for Motor Pivot Motor Fivot Bar Assembly M8 x 10 Long Socket Set Screws Collar 30 0/D x 25 I/D x 30 Long Oilite Bushes Inner Cable Anchor Bracket M4 x 16 Long Hexagon Set Screws M4 Aerotight Nuts Bowdenflex Cable Type 55, 48" Long,4" Stroke M8 x 16 Long Countersunk Socket Head Screw | |
| | | | * PLEASE QUOTE PART & MACHINE | |

PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES

....





| ASSEMBLY:- TABLE RINGS AND WORK SPINDLE | | | | |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| FIG ITEM | PART NO. * | UNITS PER ASSEMBLY | DESCRIPTION | |
| 99 100 101 102 103 104 105 106 107 108 109 110 111 | K05-27-103 BEL/34 BEL/15 BEL/133 1057/515 1057/516 1057/519 BEL/96 EM/453 EM/454 BEL/11 | 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 | M10 Nuts Jacking Bolts for Table Rings Main Spindle Nut 30mm Dia Work Spindle Nut 30mm Dia Spacing Collar – 10mm Long 30mm Dia Spacing Collar – 10mm Long 30mm Dia Spacing Collar – 20mm Long 30mm Dia Work Spindle Small Table Ring Medium Table Ring 280 Dia Table Ring | |
| | | <u> </u> | * PLEASE QUOTE PART & MACHINE | |

- ITEM NOT ILLUSTRATED

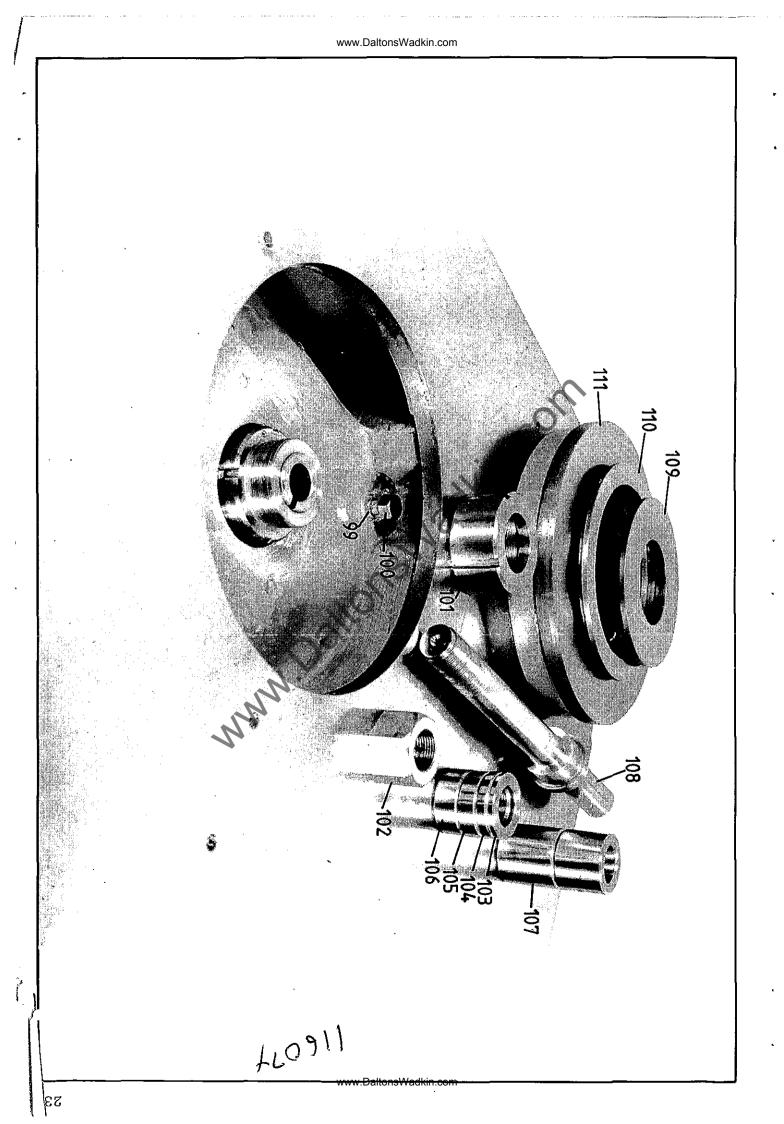
٠

4

, ;

¢

. .





| C | | |
|---|---|---|
| Γ | ^ | 6 |

i,,

| ASSE | MBLY:- | FEN | CE |
|------------|------------------------|--------------------------|----------------------------------------------------------------------------------------|
| FIG ITEM | PART NO, * | UNITS PER ASSEMBLY | DESCRIPTION |
| 115 | 1057-504 EM-87 | 1 | Cast Iron Fence Plates - R.H. (Home Market) Wood Fence Plate - R.H. (Export Market) |
| 116 | | 2 | M12 x 45 Long Studs |
| 117 | 1026-396 | 2 2 | Washers |
| 118 | | 2 | M12 Nuts |
| 119 | EM-66 | 2 | Fence Plate Brackets |
| 120 121 | K51-27-190 EM-182 | 4 2 | M12 Locking Handles |
| 122 | EM-102 | 2 4 | Locking Studs for Fence Bracket M12 x 12 Long Socket Set Screws |
| 123 | 1026-22 | 4 | Washers |
| 124 | EM-202 | 2 | Locking Studs for Fence |
| 125 | EW-65 | 2 | Fence Adjusting Screws |
| 126 | | 2 | 7100-020 External Circlips |
| 127 | EM-64 | 2 | Bushes for Adjusting Screws |
| 128 | EM-63 | 2 | Collars for Adjusting Screws |
| 129 130 | 1079-1650 | 2 2 | 3 Dia x 30 Long Groverlok Dowels Graduated Collars |
| 130 | K51-27-146 | 2 | 2%" Dia Handwheels, 12mm Plain Bore |
| 132 | EM-121 | 1 | Top Cover for Fence (Home Market) |
| 100 | EM-194 | 1 | Visor for Fence Cover (Home Market) |
| | EM-93 | 1 | Top Cover for Fence (Export Market) |
| 133 | EM-65 | 1 | Fence Body |
| 134 | | 2 | M12 x 165 Long Studs (Home Market) |
| 105 | | 2 | M12 x 55 Long Studs (Export Market) |
| 135 136 | K51-27-145 1057-458 | 2 | 26 Dia Handwheels, M12 Tapped |
| 100 | 1057-455 EM-86 | 1 | Cast Iron Fence Plate - L.H. (Home Market) Wood Fence Plate - L.H. (Export Market) |
| | TW 00 | N | Wood rence frate L.M. (Explit Market) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 1 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | * PLEASE QUOTE PART & MACHINE |

Ŀ

1

www.DaltonsWadkin.com

-

-

