WOSS 501/4

British Railways Board

Mechanical & Electrical Engineering Department

BEARINGS ROLLING ELEMENT

ROTATING ELECTRICAL MACHINES AND SUSPENSION TUBES

WORKSHOP OVERHAUL STANDARD SPECIFICATION

REVISION RECORD

This Specification will be updated when necessary by the issue of amended pages accompanied by a revision number. The amended or additional part of re-issued pages will be marked with a vertical black line.

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This Specification applies to equipment fitted to the vehicles indicated 'X' below, but it is only to be implemented when authorised by an appropriate maintenance/overhaul document.

LOCOMOTIVES

03	X
08	X
09	X
20	X
26	X
31	X
33	X
37	X
43	X
47	X
50	X
56	X
58	X
59	X
60	X
73	X
81	X
85	X
86	X
87	X
88	X
89	X
90	X
91	X
92	X

DMU'S

101	X
104	X
107	X
108	X
110	X
111	X
114	X
115	X
116	X
117	X
118	X
119	X
121	X
122	X
127	X
128	X
140	X
141	X
142	X
143	X
144	X
150	X
151	X
154	X
155	X
156	X
157	X
158	X
165	X
166	X
171	X

EMU'S

302	X
303	X
304	X
305	X
307	X
308	X
309	X
310	X
311	X
312	X
313	X
314	X
315	X
317	X
318	X
319	X
320	X
321	X
322	X
323	X
331	X
332	X
333	X
373	X
504	X
507	X
508	X

EMU'S

411	X
412	X
413	X
414	X
415	X
416	X
419	X
421	X
422	X
423	X
431	X
432	X
438	X
442	X
455	X
456	X
457	X
465	X
466	X
471	X
482	X
485	X
486	X
487	X
488	X
489	X
492	X

DEMU'S

203	X
205	X
207	X

COACHING STOCK

Mk 1	X
Mk 1 Catering	X
Mk 2, 2a-c	X
Mk 2d-e	X
Mk 2f	X
Mk 3a	X
Mk 3b	X
Mk 3 Catering	X
Mk 3 (HST)	X
Mk 3 (HST) Catering	X
Mk 3 SLE and SLEP	X
Mk 4 IC225	X
DVT IC225	X
DVT 125	X
Non Passenger	X

DEPARTMENTAL VEHICLES

PRIVATE OWNER VEHICLES

WAGONS

COMPONENTS

REVISION 2a
MARCH 1990

WORKSHOP OVERHAUL STANDARD SPECIFICATION NO 501/4

ROLLING ELEMENT BEARINGS

CONTENTS

REVISION 2a
MARCH 1990

MATERIALS	BR. Cat. No.
White Spirit	027/029300
SBP11	007/068268
Martemp G55 Oil	027/025255
Anti Corrosion Fluid, SDC Fluid	027/018401
Light Mineral Oil	027/023230
Lithium Based Grease To BR Spec. 673	027/001350 to 027/001356
Trichloroethane 1.1.1	007/021050

INTRODUCTION

For the purposes of this specification the reason for dismantling and cleaning bearings is so that they can be inspected to determine if they are reusable and not to establish causes of damage or modes of failure.

In special cases a request may be made for discarded bearings to be retained for detailed examination by a representative of the D of M & EE BRB. In these cases the serial number of the equipment from which it was removed must be noted and a sample of the used grease from the bearing housing taken.

1 TOOLS

1.1 All tools used for the dismantling and assembly of bearings shall be purpose designed.

1.2 When specific removal or assembly tools are not detailed in the relevant equipment WOSS or overhaul instruction then adjustable tools designed for use on a range of bearings, or adaptors for use with larger items of plant such as wheel presses, may be used.

1.3 All tools must locate on the section of the bearing which is being dismantled or assembled ie. the inner or outer ring. Extraction or assembly forces must not be applied across the rolling elements of a bearing.

1.4 All tools shall be designed so that reaction forces generated during removal or assembly are applied as directly as possible and not through electrical components such as armature end windings or commutator segments and insulation.

1.5 Drifts, used for the assembly of bearings, must be made from mild steel only.

2 BEARING CLEANING PLANT

2.1 The plant must be capable of removing all residual grease from the bearing using an approved cleaning agent as defined in Clause 4 "Cleaning Agents".

2.2 All bearing cleaning plant must comply with the following requirements :-

2.2.1 The cleaning fluid used in the plant shall be applied to the bearing being cleaned by means of jets positioned so that all parts of the bearing are washed.

2.2.2 The bearing carrier shall rotate the bearing slowly during cleaning.

2.2.3 Filters for the removal of solid contaminants from the cleaning agent shall be provided.

2.2.4 Thermostatically controlled heating elements for use with Martemp G55 oil are required.

2.2.5 Where low flash point solvents such as white spirit or SBP 11 are used equipment fitted with heaters are to have the heaters disconnected internally.

2.2.6 Bearing cleaning plants designed for use with aqueous based caustic cleaning agents shall also include facilities for dewatering and drying the bearings.

3 BEARING HEATING PLANT

Where bearings require heating prior to assembly all plant used must comply with the following requirements :-

3.1 The method of applying the heat must be thermostatically controlled.

3.2 Primary heat sources, such as gas flames shall not be applied directly to the bearing.

3.3 Where induction type heaters are used, the following features shall be incorporated into the equipment:-

3.3.1 Facilities for the direct measurement of the temperature of the bearing.

3.3.2 A method of gradually reducing the applied voltage from its working potential to zero, so that no residual magnetism remains in the bearing being heated.

4 CLEANING AGENTS

4.1 Aqueous based caustic solutions.

4.1.1 If the levels of causticity in these solutions are not strictly controlled they can cause corrosion to non-ferrous bearing components. The caustic strength should be kept between 0.5 and 1.5%

4.1.2 Before any aqueous based caustic solution is used for the cleaning of rotating machine bearings consult the D of M & EE B.R.B.

4.2 Oil.

4.2.1 High flash point oils such as Martemp G55 shall be used in conjunction with thermostatically controlled heaters which will allow the oil to be heated to a maximum temperature of 120° centigrade.

4.3 Petroleum Based Solvents.

The following solvents are approved for cleaning bearings:-

4.3.1 SBP11.

4.3.2 White spirit.

5 WORK AND STORAGE AREAS

5.1 All areas where bearings are cleaned, inspected and stored shall be clean, dry and free from major airborne contamination.

5.2 Areas for the cleaning, inspection and storage of bearings shall be adjacent to each other to avoid undue handling of the bearings between operations.

5.3 Grease used for the lubrication of bearings shall be stored in a clean dry place at a temperature not greater than 35°C. It shall be retained in the containers in which it was delivered and these are to be kept closed to avoid the ingress of contaminants.

5.4 If on opening a new container of grease it is discovered that the oil has separated out from the body of the grease, remixing the grease must not be attempted and it must not be used for the lubrication of bearings.

6 EXAMINATION OF BEARINGS IN SITU

Before deciding if bearings can be examined in situ or if they require renewal reference must be made to the relevant equipment WOSS, overhaul instruction or the D of M & EE to establish if the "life" of the bearing will be exceeded before its next overhaul. When the machine or bearing assembly is not required to be dismantled the following procedure should be adopted.

6.1 Manually rotate the armature or shaft and check that the bearings are free and do not exhibit excessive slackness. If seizure or slackness is suspected investigate and rectify.

6.2 On taper roller bearing assemblies or roller bearing assemblies designed to use shims refer to the relevant WOSS or overhaul instruction and measure the assembled end-play. If the end-play is outside the limits quoted, investigate and rectify.

6.3 On machines or bearing assemblies that can have the shaft rotated near to its normal working speed the bearings are to be checked whilst the machine or assembly is rotating. During this operation normal working loads should be applied to the bearing when practical.

6.3.1 Check the bearing for excessive noise. This can be done by comparing the sound generated by identical bearing assembly types so that a subjective assessment can be made.

6.3.2 Where large numbers of bearings require checking on equipment which does not normally require the bearing assembly to be dismantled, such as traction motor suspension tubes, shock pulse meters may be used. Individual meters must be calibrated for each different design of bearing assembly being checked using the following procedure.

6.3.2.1 Rotate the bearing assembly under load near to its normal working speed. Note the meter readings obtained at four equally spaced points around the outside of the bearing housing.

6.3.2.2 Repeat this procedure until four assemblies have been found which give readings ranging across the scale of the meter. Dismantle the bearing assemblies and compare the readings obtained with the condition of the bearings.

6.3.2.3 Refer to Clauses 10 to establish which of the dismantled bearings would be discarded and note the corresponding reading obtained on the meter.

6.3.2.4 Bearing assemblies giving readings equal to or greater than the level established at which the bearing would be discarded are to be dismantled so that the bearings can be visually examined.

7 GREASING OF BEARINGS IN SITU

When overhaul instructions do not require the removal of a bearing from its housing it should be regreased in situ.

NOTE: Unless specified otherwise only lithium based grease to BR Specification 673 is to be used.

7.1 Bearing housings designed without greasing facilities should not require the bearing to be regreased between major overhauls. If these bearings are found to be operating with insufficient lubrication inform the D of M & EE B.R.B.

7.2 On no account must attempts be made to regrease sealed or shielded bearings.

7.3 The mating surfaces of the grease nipple and the grease pump nozzle must be cleaned prior to greasing.

7.4 If difficulty is experienced pumping grease into a bearing housing check the grease nipple and the grease feeder pipe for damage, seizure or blockage and rectify defects.

7.5 Grease must not be heated to facilitate application.

7.6 Bearing housings designed with grease escape slots or valves shall be fully charged with fresh grease. Subsequent running of the bearing will result in excess grease being ejected through the valve.

7.7 On bearing housing assemblies having no grease escape facilities the amount of grease to be applied to an individual bearing will be detailed in the relevant equipment WOSS or overhaul instruction. Overcharging of a rotating electrical machine bearing with grease can cause it to overheat at high speeds and to eject grease, through the bearing housing labyrinth, contaminating electrical components such as commutators and brush gear.

8 DISMANTLING OF BEARINGS

When the equipment WOSS or overhaul instruction calls for the dismantling of a bearing, or element of a bearing, from the component to which it is assembled the following procedures shall be used.

8.1 Bearings such as cylindrical or taper roller bearings which can be dismantled as separate parts shall have each separate part checked for an identification code. Where no code exists each part of the bearing is to be identified with a code to ensure that they are re-assembled together again.

8.2 Where a cylindrical roller bearing is to be dismantled by separating the inner ring from the outer ring whilst both parts are still assembled to their respective components then the shaft or housing shall be rotated during withdrawal to avoid smearing the raceway and the rolling elements.

8.3 Before removal of a bearing from its housing, evidence of possible bearing damage may be obtained by examination of the grease in the bearing housing.

8.3.1 Darkening of the grease is an indication of the presence of contamination or wear debris from the bearing.

8.3.2 Darkening and stiffening of the grease is caused by contamination or overheating of the grease.

8.3.3 Where bearings are sited adjacent to traction motor gearcases the grease may become contaminated with gear lubricant giving a dark to black appearance to the grease.

8.3.4 A soapy or emulsified appearance indicates water contamination of the grease.

8.3.5 A brassy colour of the grease indicates wear to the non-ferrous bearing cage.

8.4 Extraction forces shall be applied at the same time and at equi-distant points around the bearing to avoid distortion of the bearing parts or damage to the bearing seat.

8.5 All sealed and shielded bearings are to be discarded.

8.6 It has been found uneconomical to clean, inspect and refit some bearings. Reference to the relevant WOSS or overhaul instruction should be made before proceeding to Clause 9 "Cleaning of Bearings".

8.7 When the inner ring of a cylindrical roller bearing does not require removal from its shaft the raceway shall be protected against mechanical damage and corrosion, during the overhaul of the armature or rotor, by the fitting of a suitable protective sleeve.

8.9 Should the bearing be stored, after dismantling, before being cleaned and examined it shall be protected against dirt and moisture by wrapping in waxed paper or plastic sheeting.

9 CLEANING OF BEARINGS

Before inspecting any bearing for defects it shall be removed from the component to which it is assembled and cleaned in accordance with the following procedures. Bearings must not be cleaned with high pressure hot water detergent sprays or by blowing out the grease with high pressure air

9.1 Bearings shall not be cleaned whilst still assembled in equipment unless specifically detailed in the relevant WOSS or overhaul instruction.

9.2 Initial cleaning to remove large quantities of grease can be achieved by one of the following methods:

9.2.1 Place the bearing in a centrifuge and spin off the grease.

9.2.2 Spray the bearing with a petroleum based solvent using a low pressure spray lance and assist removal of the grease with a non-metallic bristle brush.

9.2.3 Immerse the bearing in a tank of petroleum based solvent and remove the grease with a non-metallic bristle brush whilst rotating the bearing slowly.

9.2.4 Bearings containing hardened grease can be immersed in a bath of Martemp G55 oil preheated to a maximum temperature of 120°C and allowed to soak until the grease has been softened. To avoid overheating of the bearing ensure that it does not contact the sides of the container.

9.3 Final cleaning of the bearing shall be achieved using bearing cleaning plant as detailed in Clause 2 "Bearing Cleaning Plant" and an approved cleaning agent.

9.3.1 Mount the bearing in the cleaning plant and ensure that it will rotate when the plant is switched on.

9.3.2 Position the jets so that they will spray the cleaning fluid over all parts of the bearing.

9.3.3 In plant using hot oil check that the oil has been heated to the correct temperature.

9.3.4 Switch on the plant and check that the bearing is rotating and the cleaning agent is covering all parts of the bearing.

9.3.5 Continue the process until all grease has been removed from the bearing.

9.3.6 Remove the bearing from the plant and allow to drain.

9.3.7 To aid final inspection the bearing must be rinsed with clean white spirit.

9.3.8 If the inspection is not to be done immediately the bearing must be protected by storing in clean containers sited within the cleaning area or by wrapping in clean waxed paper or plastic sheeting.

9.3.9 Where purpose designed plant using aqueous based caustic solutions have been approved for the cleaning of bearings then the bearings must be checked to establish that they are dry on completion of the process and protected against corrosion by the application of oil.

10 EXAMINATION OF BEARINGS.

Bearings must not be examined until they have been cleaned as detailed in Clause 9 "Cleaning of Bearings".

10.1 On bearings which cannot be dismantled examine the raceways and rolling elements as follows:-

10.1.1 With its axis horizontal slowly rotate the bearing and listen and feel for any roughness on the surface of the raceways and/or rolling elements. If the presence of dirt is suspected reclean the bearing and repeat the examination. Discard defective bearings.

10.2 Bearings which can be dismantled are to have their raceways and rolling elements visually examined for surface defects. If one or more parts of a bearing are found to be defective discard the complete bearing.

10.3 Examine bearing cages for wear, cracking and loose or broken rivets. Discard bearings with defective cages.

10.4 Checks of bearing running clearances are not normally required. However, if problems of bearing noise or overheating arise during final machine test instructions will be issued by the D of M & EE BRB for clearances to be checked.

10.5 If, on completion of the examination, bearings are to be stored they are to be coated with anti-corrosion fluid and stored in accordance with Clause 5 "Work and Storage Areas".

11 EXAMINATION OF BEARING SEATINGS, HOUSINGS AND ABUTMENTS.

11.1 Visually examine all bearing location surfaces, such as axle seatings, bearing housing bores and abutments, for defects.

11.2 Remove minor defects with a fine emery cloth and clean the surface with an approved cleaner.

11.3 If the rectification of surface defects would necessitate removal of sufficient metal to take the bearing location outside the tolerance range specified in the relevant WOSS or overhaul instruction then for approved methods of surface reclamation refer to the WOSS or overhaul instruction or contact the D of M & EE, BRB.

11.4 measure the bearing shaft seating diameter and the bearing housing bore and note the readings obtained.

11.5 If the readings obtained are outside the tolerances quoted in the relevant WOSS refer to the WOSS or overhaul instruction then for approved methods of surface reclamation refer to the WOSS or overhaul instruction or contact the D of M & EE, BRB.

11.6 If shaft components forming the bearing axial abutment have been removed and reassembled onto the shaft or the component has been renewed check the axial run-out of the abutment using a dial gauge and note the total deviation obtained.

11.7 If the total reading exceeds 0.025mm investigate and rectify.

12 EXAMINATION OF GREASE NIPPLES AND FEEDER PIPES.

12.1 Examine grease nipples and feeder pipes for defects and/or blockage before assembling bearings by pumping clean grease through the system.

12.2 Rectify or renew all damaged or blocked components.

13 ASSEMBLY OF BEARINGS.

13.1 Before commencing assembly check that the designation of the bearing is correct.

Whilst a particular manufacturers name and part number may be quoted in the WOSS or overhaul instruction, alternative manufacturers bearings may be used. For details of the approved alternatives and the machines to which they are fitted refer to Appendix A.

13.2 If the bearing to be assembled is new do not remove it from its package until immediately prior to fitting.

13.3 Lightly smear the shaft seating and housing bore with a light mineral oil.

13.4 New bearings are generally coated with a rust inhibiting compound which does not require removal prior to assembling the bearing except when it is to be assembled using an anaerobic adhesive see Paragraph 13.6.5.

13.5 Assemble bearings and bearing inner rings to shafts as follows:

13.5.1 Bearings with a bore of 25mm and below may be mounted directly to the shaft without pre-heating. This should be done with the aid of a mild steel mounting dolly or length of mild steel tubing having flat parallel ends free from burrs.

13.5.2 The dolly or tube must locate squarely on the inner ring of the bearing. Apply the assembly force using a press or steel headed hammer ensuring that it is evenly distributed around the bearing.

Soft headed hammers such as lead or copper must not be used as fragments can easily break off and enter the bearing.

13.5.3 Confirm that the bearing is located against its abutment shoulder by checking with feeler gauges.

13.5.4 Bearings over 25mm bore should be pre-heated before being assembled to the shaft using one of the methods detailed in Clause 3 "Bearing Heating Plant".

13.5.5 Pre-heat the bearing to between 80°C - 90°C above ambient and immediately assemble onto the shaft.

13.5.6 Apply pressure to the inner ring of the bearing to ensure that it is hard up against the abutment shoulder and hold until it has gripped the shaft.

13.5.7 Confirm that the bearing is located against its abutment shoulder by checking with feeler gauges.

13.6 Assemble bearings into housings as follows :-

13.6.1 Small bearings may be mounted directly into the housing. This should be done with the aid of a mild steel mounting dolly or length of tubing having flat parallel ends free from burrs.

13.6.2 The dolly or tube must locate on the outer ring of the bearing. Continually checking that the bearing is not skewing in the housing apply the assembly force using a press or steel headed hammer ensuring that it is evenly distributed around the bearing.

Soft headed hammers such as lead or copper must not be used as fragments can easily break off and enter the bearing.

13.6.3 Where practical confirm that the bearing is located against its abutment shoulder by checking with feeler gauges. Alternatively check by tapping lightly with a steel headed hammer.

13.6.4 Most large bearings are a light press fit in their housings and can, if care is taken, be assembled using the method described in Paragraph 13.6.1. If this proves impractical one of the following methods may be used.

13.6.4.1 Reduce the outside diameter of the bearing by cooling.

13.6.4.2 Increase the diameter of the housing by the application of a gentle heat. Care must be taken to avoid distortion of the bearing housing during this process.

13.6.5 In some instances where bearing fits are very light or the bearing locations have become worn the bearings are assembled using an anaerobic adhesive such as Loctite. When this is stipulated in the relevant WOSS or overhaul instruction, then the location surface of the bearing, shaft and/or housing must be cleaned, immediately prior to the application of the adhesive, with trichloroethane 1.1.1.

13.7 Where bearing assemblies, such as taper roller bearings, require end play adjustments, the procedures to be followed will be detailed in the relevant WOSS or overhaul instruction.

13.8 Where the machine specification calls for checks of bearing alignment to be made proceed as follows:

13.8.1 Remove any end play from the bearing to be checked by raising the non-locating bearing end of the shaft by approx. 100mm.

13.8.2 Attach a dial gauge with magnetic base to the shaft such that the magnetic base is located on the end of the shaft and the dial gauge stylus locates on the edge of the outer ring of the bearing.

13.8.3 Rotate the armature through 360° and note the run-out of the bearing outer ring. If the reading obtained is outside the limits stated in the relevant WOSS, overhaul instruction or bearing manufacturers recommendations examine the location surfaces of the bearing housing and/or endframe for burrs or dirt. Rectify any defects and repeat the check.

13.8.4 With the dial gauge magnetic base on the motor endframe position the dial gauge stylus on the edge of the inner ring of the bearing. Rotate the bearing through 360° and note the total deflection of the meter.

The maximum permissible run-out of the inner ring is 0.025mm. If the reading obtained is larger than this check that the bearing inner ring has been assembled in accordance with Paragraph 13.5 and that the abutment shoulder has been checked in accordance with Paragraph 11.6

14 GREASING OF BEARINGS ON ASSEMBLY.

NOTE: Unless specified otherwise, only lithium based grease to BR Specification 673 is to be used.

14.1 The space between the rolling elements the cage and the inner and outer rings of a bearing should be packed with new grease. This can be done by applying the grease by hand or via purpose built equipment such as a power driven grease gun. Remove excess grease from the outside of the bearing.

14.2 Bearing housing assemblies designed with no grease escape slot or grease valve are to be packed with grease in their housings in such a way as to allow space for the excess grease expelled from the bearing when it is running :-

14.2.1 Pack the grease space of the inner bearing cap over half its circumference. The depth of grease must be such as to ensure close contact with the bearing on the outer diameter of the grease space and should fall away to zero at the bore.

14.2.2 Pack the grease space of the outer bearing cap over three-quarters of its circumference. The depth of grease must be such as to ensure close contact with the bearing on the outer diameter of the grease space and should fall away to zero at the bore.

14.2.3 On bearing housing assemblies having no grease escape facilities care must be taken not to overcharge the bearing with grease. overcharging of a bearing with grease can cause it to overheat at high speeds which can cause the grease to deteriorate and lose its lubrication quality or to eject grease, through the bearing housing labyrinth, contaminating electrical components such as commutators and brush gear.

14.3 Bearing housing assemblies designed with a grease escape slot or grease valve are to be packed with grease in their bearing housings as follows:-

14.3.1 The space between the rolling elements the cage and the inner and outer rings of a bearing should be packed with new grease. This can be done by applying the grease by hand or via purpose built equipment such as a power driven grease gun. Remove excess grease from the outside of the bearing.

14.3.2 Completely pack the grease space in the inner bearing cap.

14.3.3 Completely fill the grease space in the outer bearing cap adjacent to the bearing. Grease must not be packed in the space between the bearing outer cap and the grease thrower

14.3.4 During test running of the machine inject grease into the bearing assembly whilst the machine is running. Continue injection until grease is seen exuding from the grease escape slot.

15 INSPECTION OF NEWLY ASSEMBLED BEARINGS.

15.1 After assembly of bearings rotate the armature or shaft and check that the bearings are free and do not exhibit excessive slackness. If seizure or slackness is suspected investigate and rectify.

15.2 On taper roller bearing assemblies or bearing assemblies designed to use shims refer to the relevant WOSS or overhaul instruction and measure the assembled end-play. If the end-play is outside the limits quoted, investigate and rectify.

15.3 On machines which require electrical testing after assembly, the bearings are to be checked whilst the machine is rotating as follows:-

15.3.1 Check the bearing for excessive noise. This can be done by comparing the sound generated by identical bearing assembly types so that a subjective assessment can be made.

15.3.2 The initial running of a newly assembled or newly greased bearing will cause the temperature of the bearing to rise. Due to bedding in and initial distribution of the grease the temperature rise may be above normal.

15.3.3 Allowing time for the bedding in process to settle then measure the temperature of the bearing and note the reading obtained. The stable temperature should not exceed 80°C above ambient.

15.3.4 If more than one machine of the same type is to be tested a comparison of the bearing temperatures recorded will give a good indication of bearings and greasing which are suspect.

15.3.5 Investigate and rectify or renew faulty bearings.

APPENDIX A

INTRODUCTION

1) The purpose of this appendix to the specification is to assist both the User and the Supplier of 'Rolling Element Bearings, Used In Rotating Electrical Machines And Suspension Tubes, (Traction And Rolling Stock)'. It is a requirement that only the bearings referred to in this specification are ordered and used in a particular application.

2) This appendix is divided into 2 sections:-

SECTION 1. This section is in vehicle class order giving the machine use in alphabetic order, bearing position and the bearings BR Catalogue Number

SECTION 2. This section is in BR Catalogue Number order giving the bearing size, description, designations and the approved manufacturers. In separate columns are the machine applications where the bearing is fitted, the machine manufacturer and the class of vehicle to which the machine is fitted.

3) Bearings shall be ordered only from one of the manufacturers that are approved and listed against a particular BR Catalogue Number.

4) Should price or delivery suggest that the acceptance of a bearing from a reputable stockist then approval shall be sought from the 'Electrical Equipment Engineer' at the address shown on page 1 of this specification. The enquiry should state the manufacturer, the manufacturers part number and whether it is necessary to re-work the bearing to bring it up to specification, (the latter is not generally acceptable).

5) The manufactures part numbers, listed against the BR Catalogue Number will be the only bearing designation approved against that number.

6) Where a manufacturer offers an alternative to that listed in this Specification then approval for the use of the bearing in the particular application shall be sought from the 'Electrical Equipment Engineer' at the address shown on page 1 of this specification.

7) All roller bearings that are separable by removing loose flange or angle rings and inner ring from the outer ring shall have the parts packed separately, but with the packages taped together as a complete bearing, to avoid any confusion between bearings of different manufacturers or part numbers.

8) Under no circumstances shall bearing parts of different manufacture or bearings parts of standard and high capacity types, be mixed.

9) All bearings shall be coated with a rust inhibiting medium before packaging. They can be stored for many years providing a) the packaging remains undamaged, b) the store is kept at a reasonable constant temperature and the humidity does not exceed 60%. There are however exceptions to this, bearings with shields suffix -zz should not be stored for more than 2 years and bearings with seals suffix -2RS or -EE for more than 3 years.

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34658	EE736/2D	EE Co	Comm. End	Aux. Gen.	08
43/34700	EE736/2D	EE Co	Opp. Comm. End	Aux. Gen.	08
43/106480	EE736/4E	EE Co	Comm. End	Aux. Gen.	08
43/106745	EE736/4E	EE Co	Opp. Comm. End	Aux. Gen.	08
43/34581	3 VC 50	Westinghouse	Comm. End	Compressor	08
43/34581	3 VC 50 A	Westinghouse	Comm. End	Compressor	08
43/34587	EE714/5F	EE Co	Comm. End	Exhauster	08
43/34616	EE714/5F	EE Co	Opp. Comm. End	Exhauster	08
43/34587	EE750/24B	EE Co	Comm. End	Exhauster	08
43/34616	EE750/24B	EE Co	Opp. Comm. End	Exhauster	08
43/34587	EE750/28P	EE Co	Comm. End	Exhauster	08
43/34616	EE750/28P	EE Co	Opp. Comm. End	Exhauster	08
43/100917	EEB01/10E+EE906/4E	EE Co	Opp. Comm. End	Main + Aux. Gen	08
43/100917	EE801/13E+EE906/3D	EE Co	Opp. Comm. End	Main + Aux. Gen.	08
43/100917	EE801/14E+EE906/3D	EE Co	Opp. Comm. End	Main + Aux. Gen.	08
43/100917	EE801/8D	EE Co	Opp. Comm. End	Main Gen.	08
43/100917	EE801/8E	EE Co	Opp. Comm. End	Main Gen.	08
43/100917	EE801/10E	EE Co	Opp. Comm. End	Main Gen.	08
43/100917	EE801/11E	EE Co	Opp. Comm. End	Main Gen.	08
43/100917	EE801/13E	EE Co	Opp. Engine End	Main Gen.	08
43/100917	EE801/14E	EE Co	Opp. Engine End	Main Gen.	08

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/3290		EE Co	Contact Lever Shaft	Master Controller	08
43/9810		EE Co	Reverser Shaft	Master Controller	08
43/106317	LSG 128/54 Mod No 1	Smith-Stone	Drive End	Speedo. Gen.	08
43/3991	LSG 128/54 Mod No 1	Smith-Stone	Opp. Drive End	Speedo. Gen.	08
43/34519	LSG 128/54 Mod No 1	Smith-Stone		Speedo. Gen.	08
43/5266	EE740/9D	EE Co	Comm. End	T/M Blower	08
43/33472	EE740/9D	EE Co	Opp. Comm. End	T/M Blower	08
43/105310	EE506/7C (Internal Shaft)	EE Co	Comm & Opp Comm End	Traction	08
43/106395	EE506/7C (Armature)	EE Co	Comm. End	Traction	08
43/106396 (High Capacity Alternative)	EE506/7C (Armature)	EE Co	Comm. End	Traction	08
43/106770	EE506/7C (Armature)	EE Co	Opp. Comm. End	Traction	08
43/106771 (High Capacity Alternative)	EE506/7C (Armature)	EE Co	Opp. Comm. End	Traction	08

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34581	3 VC 50	Westinghouse	Comm. End	Compressor	09
43/34581	3 VC 50 A	Westinghouse	Comm. End	Compressor	09
43/34587	EE750/28P	EE Co	Comm. End	Exhauster	09
43/34616	EE750/28P	EE Co	Opp. Comm. End	Exhauster	09
43/100917	EE801ME+EE906/3D	EE Co	Opp. Engine End	Main + Aux. Gen.	09
43/100917	EE801/13E+EE906/3D	EE Co	Opp. Engine End	Main + Aux. Gen.	09
43/3290		EE Co	Contact Lever Shaft	Master Controller	09
43/9810		EE Co	Reverser Shaft	Master Controller	09
43/106317	LSG 128/54 Mod No 1	Smith-Stone	Drive End	Speedo. Gen.	09
43/3991	LSG 128/54 Mod No 1	Smith-Stone	Opp. Drive End	Speedo. Gen.	09
43/34519	LSG 128/54 Mod No 1	Smith-Stone		Speedo. Gen.	09
43/5266	EE740/9D	EE Co	Comm. End	T/M Blower	09
43/33472	EE740/9D	EE Co	Opp. Comm. End	T/M Blower	09
43/105310	EE506/10C (Internal Shaft)	EE Co	Comm & Opp Comm End	Traction	09
43/106395	EE506110C (Armature)	EE Co	Comm. End	Traction	09
43/106396 (High Capacity Alternative)	EE506/10C (Armature)	EE Co	Comm. End	Traction	09
43/106770	EE506/10C (Armature)	EE Co	Opp. Comm. End	Traction	09
43/106771 (High Capacity Alternative)	EE506/10C (Armature)	EE Co	Opp. Comm. End	Traction	09

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34581	3 HC 55	Westinghouse	Comm. End	Compressor	20
43/102915	EE755/1A	EE Co	Opp. Comm. End	Exhauster	20
43/106345	EE755/1A	EE Co	Comm. End	Exhauster	20
43/102275	TFZ 97915	GEC Machines	Comm. End	Fuel Pump	20
43/102605	TFZ 97915	GEC Machines	Opp. Comm. End	Fuel Pump	20
43/102250	TFZ 97900	GEC Machines	Comm. End	Load Regulator	20
43/102255	TFZ 97900	GEC Machines	Opp. Comm. End	Load Regulator	20
43/102275	TFZ 97924	GEC Machines	Comm. End	Lub. Oil Pump	20
43/102422	TFZ 97924	GEC Machines	Opp. Comm. End	Lub. Oil Pump	20
43139650	EE819/3C+EE911/2B	EE Co	Opp. Engine End	Main + Aux. Gen.	20
43/106317	LSG 58 Mod No 4	Smith-Stone	Drive End	Speedo. Gen.	20
43/3991	LSG 58 Mod No 4	Smith-Stone	Opp. Drive End	Speedo. Gen.	20
43/34587	EE750/10G	EE Co	Comm. End	T/M Blower	20
43/34616	EE750/10G	EE Co	Opp. Comm. End	T/M Blower	20
43/105820	EE526/5D	EE Co	Opp. Comm. End	Traction	20
43/106410	EE526/5D	EE Co	Comm. End	Traction	20
43/106411 (High Capacity Alternative)	EE526/5D	EE Co	Comm. End	Traction	20
431105820	EES26/8D	EE Co	Opp. Comm. End	Traction	20
43/106410	EE526/8D	EE Co	Comm. End	Traction	20
43/106411 (High Capacity Alternative)	EE526/8D	EE Co	Comm. End	Traction	20

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102480	C 63 B2	C.P.	Comm. End	Compressor	26
43/106670	C 63 B2	C.P.	Opp. Comm. End	Compressor	26
43/102480	C 60 G7	C.P.	Comm. End	Exhauster	26
43/106145	C 60 G7	C.P.	Opp. Comm. End	Exhauster	26
43/3015	20 A	Fracmo	Opp. & Comm. End	Field Divert	26
43/106855	CG391 A1+CAG193 A1	C.P.	Opp. Engine End	Main + Aux. Gen.	26
43/106856 (High Capacity Alternative)	CG391 A1+CAG193 A1	C.P.	Opp. Engine End	Main + Aux. Gen.	26
43/102895	C 71 A1	C.P.	Comm. End	Radiator Fan	26
43/106434	C 71 A1	C.P.	Opp. Comm. End	Radiator Fan	26
43/106317	LSG 58 Mod No 4	Smith-Stone	Drive End	Speedo. Gen.	26
43/3991	LSG 58 Mod No 4	Smith-Stone	Opp. Drive End	Speedo. Gen.	26
43/102480	C 64 B2	C.P.	Comm. End	T/M Blower	26
43/106145	C 64 B2	C.P.	Opp. Comm. End	T/M Blower	26
43/105175	C171 A1	C.P	Comm. End	Traction	26
43/106875	C171 A1	C.P	Opp. Comm. End	Traction	26
43/106870 (High Capacity Alternative)	C171 A1	C.P	Opp. Comm. End	Traction	26
43/105175	C171 D3	C.P	Comm. End	Traction	26
43/106875	C171 D3	C.P	Opp. Comm. End	Traction	26
43/106870 (High Capacity Alternative)	C171 D3	C.P	Opp. Comm. End	Traction	26
43/106145	C 63 A1	C.P.	Opp. Comm. End	Triple Pump	26
43/102480	C 63 A1	C.P.	Comm. End	Triple Pump	26

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34581	3 VC 50 A	Westinghouse	Comm. End	Compressor	31
43/34581	TAM 28-20	BEM	Comm. End	Exhauster	31
43/103050	HM 5D82/RD2	Klaxon	Comm. End	Field Shunt Sequence	31
43/103045	HM 5DB2/RD2	Klaxon	Opp. Comm. End	Field Shunt Sequence	31
43/3900	1K 7DBO/RD2	Klaxon	Comm. End	Field Shunt Sequence	31
43/3907	1K 7DBO/RD2	Klaxon	Opp. Comm. End	Field Shunt Sequence	31
43/31226	DB 7A	E.P.E	Comm. End	Fuel Pump	31
43/3951	DB 7A	E.P.E	Opp. Comm. End	Fuel Pump	31
43/3025	A2016809	BEM	Shaft Journal	Load Regulator	31
43/3925	DB 7	E.P.E	Comm. End	Lub. Oil Pump	31
43/3951	DB 7	E.P.E	Opp. Comm. End	Lub. Oil Pump	31
43/38380	TG160-48+TG69-24 MkI	BEM	Opp. Engine End	Main + Aux. Gen.	31
43/38380	TG160-48+TG69-24 MkIA	BEM	Opp. Engine End	Main + Aux. Gen.	31
43/38380	TW60-48+BL100-30	BEM	Opp. Engine End	Main Gen. + ETH Alt.	31
43/3025	UC 1 & UC 2	BEM	Selector/Control Drum	Master Controller	31
43/3045	UC 1 & UC 2	BEM	Selector/Control Drum	Master Controller	31
43/3030	UC 1 & UC 2	BEM	Vertical Spindle	Master Controller	31
43/3045	UC 1 & UC 2	BEM	Vertical Spindle	Master Controller	31

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102660	JB E10F 52	AEI	Opp. & Drive End	Speedo. Gen.	31
43/32902	TM73-68 Mk1	BEM	Gearwheel End	Suspension Tube (RHP)	31
43/32900	TM73-68 Mk1	BEM	Opp. Gearwheel End	Suspension Tube (RHP)	31
43/5296	TAM 28-16	BEM	Comm. End	T/M Blower	31
43/34626	TAM 28-16	BEM	Opp. Comm. End	T/M Blower	31
43/106410	TM73-68 Mk1	BEM	Comm. End	Traction	31
43/106411 (High Capacity Alternative)	TM73-68 Mk1	BEM	Comm. End	Traction	31
43/106875	TM73-68 Mk1	BEM	Opp. Comm. End	Traction	31
43/106870 (High Capacity Alternative)	TM73-68 Mk1	BEM	Opp. Comm. End	Traction	31

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102480	C 63 B5	C.P.	Comm. End	Compressor	33
43/106670	C 63 B5	C.P.	Opp. Comm. End	Compressor	33
43/3900	1K 7DBO/RD2	Klaxon	Comm. End	Field Divert	33
43/3907	1K 7DBO/RD2	Klaxon	Opp. Comm. End	Field Divert	33
43/106855	CG391 B1+CAG391 A1+CAG193 A1	C.P.	Opp. Engine End	Main + Aux.+ ETH Gen.	33
43/106856 (High Capacity Alternative)	CG391 B1+CAG391 A1+CAG193 A1	C.P.	Opp. Engine End	Main + Aux.+ ETH Gen.	33
43/106317	LSG 58 Mod No 4	Smith-Stone	Drive End	Speedo. Gen.	33
43/3991	LSG 58 Mod No 4	Smith-Stone	Opp. Drive End	Speedo. Gen.	33
43/102480	C 64 B3	C.P.	Comm. End	T/M Blower	33
43/106145	C 64 B3	C.P.	Opp. Comm. End	T/M Blower	33
43/106410	C171 C2 (Mod)	C.P.	Comm. End	Traction	33
43/106411 (High Capacity Alternative)	C171 C2 (Mod)	C.P.	Comm. End	Traction	33
43/105175	C171 C2	C.P.	Comm. End	Traction	33
43/106875	C171 C2	C.P.	Opp. Comm. End	Traction	33
43/106870 (High Capacity Alternative)	C171 C2	C.P.	Opp. Comm. End	Traction	33
43/102480	C 63 A4	C.P.	Comm. End	Triple Pump	33
43/106145	C 63 A4	C.P.	Opp. Comm. End	Triple Pump	33

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34581	3 VC 50 A	Westinghouse	Comm. End	Compressor	37
43/34581	3 VC 75	Westinghouse	Comm. End	Compressor	37
43/5420	EE758/1A	EE Co	Opp. Comm. End	Compressor	37
43/106435	EE758/1A	EE Co	Comm. End	Compressor	37
43/102275	TFZ 97915	GEC Machines	Comm. End	Fuel Pump	37
43/102605	TFZ 97915	GEC Machines	Opp. Comm. End	Fuel Pump	37
43/102275	TFZ 97924	GEC Machines	Comm. End	Lub. Oil Pump	37
43/102422	TFZ 97924	GEC Machines	Opp. Comm. End	Lub. 011 Pump	37
43/106856	BA1005A/BAE508A+BAH701A/BAE508B	BEM	Opp. Engine End	Main + ETH Alt. + Exciters	37
43/106856	BA1005A/BAE508A+BAA606A/BAE508B	BEM	Opp. Engine End	Main + Aux. Alt. + Exciters	37
43/106856	G564AZ/G658AZ+G659AZ/G658BY	GECT	Opp. Engine End	Main + Aux. Alt. + Exc iters	37
43/39690	EE822/10G+EE911/5C	EE Co	Opp. Engine End	Main + Aux. Gen.	37
43/39690	EE822/13G+EE911/5C	EE Co	Opp. Engine End	Main + Aux. Gen.	37
43/39690	EE822/15G+EE911/SC	EE Co	Opp. Engine End	Main + Aux. Gen.	37
43/39690	EE822/16J+EE911/5C	EE Co	Opp. Engine End	Main + Aux. Gen.	37
43/39690	EEB22/18J+EE911/5C	EE Co	Opp. Engine End	Main + Aux. Gen.	37
43/106317	LSG 54 Mod No 4	Smith-Stone	Drive End	Speedo. Gen.	37
43/3991	LSG 54 Mod No 4	Smith-Stone	Opp. Drive End	Speedo. Gen.	37
72/1013	001.612.004	Bosch	Drive Shaft Inner	Starter	37
72/1007	001.612.004	Bosch	Drive Shaft Outer	Starter	37
72/1027	001.612.004	Bosch	Engagement Rod	Starter	37
72/1008	001.612.004	Bosch	Opp. Comm. End	Starter	37

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
51/3244	EE538A	EE Co	Gearwheel End	Suspension Tube (Timken/BR)	37
51/3245	EE538A	EE Co	Opp. Gearwheel End	Suspension Tube (Timken/BR)	37
51/3244	EES38A	EE Co	Gearwheel End	Suspension Tube (Timken)	37
51/3245	EES38A	EE Co	Opp. Gearwheel End	Suspension Tube (Timken)	37
18/22251	EES38A	EE Co	Gearwheel End	Suspension Tube (SKF)	37
51/396	EE538A	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	37
51/85402	EE538/5A	EE Co	Gearwheel End	Suspension Tube (B.R.)	37
51/85401	EE538/5A	EE Co	Opp. Gearwheel End	Suspension Tube (B.R.)	37
43/34587	EE750/26G	EE Co	Comm. End	T/M Blower	37
43/34616	EE750/26G	EE Co	Opp. Comm. End	T/M Blower	37
43/106405	EE538A	EE Co	Comm. End	Traction	37
43/106406 (High Capacity Alternative)	EE538A	EE Co	Comm. End	Traction	37
43/106870	EE538A	EE Co	Opp. Comm. End	Traction	37
43/106405	EE538/5A	EE Co	Comm. End	Traction	37
43/106406 (High Capacity Alternative)	EE538/5A	EE Co	Comm. End	Traction	37
43/106870	EE538/5A	EE Co	Opp. Comm. End	Traction	37

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106690	TO 24	BEM	Opp. Drive End	Compressor	43
	ED27A 2CC	Newman	Opp. Drive End	Compressor	43
43/102040	T 47106 TBB	Fracmo	Opp. & Drive End	Condenser Fan	43
43/102040	T 47106 TBB	Fracmo	Opp. & Drive End	Evaporator Fan	43
43/102046	D 71	Woods Fans	Opp. & Drive End	Extractor Fan	43
43/3951	DB 7	E.P.E	Opp. Comm. End	Fuel Pump	43
43/31226	DB 7	E.P.E	Comm. End	Fuel Pump	43
43/3925	DB 7	E.P.E	Comm. End	Lub. Oil Pump	43
43/3951	DB 7	E.P.E	Opp. Comm. End	Lub. Oil Pump	43
43/106855	BA10018/BAE501B+BAH601B/BAE502B	BEM	Opp. Engine End	Main Alt+Exciter	43
43/106856 (High Capacity Alternative)	BA1001B/BAE501B+BAH601B/BAE502B	BEM	Opp. Engine End	Main Alt+Exciter	43
43/102268	CUA5-A1	BEM	Control Shaft Bottom	Master Controller	43
43/102330	CUA5-A1	BEM	Control Shaft Top	Master Controller	43
72/1013	001.612.002	Bosch	Drive Shaft Inner	Starter	43
72/1007	001.612.002	Bosch	Drive Shaft Outer	Starter	43
72/1027	001.612.002	Bosch	Engagement Rod	Starter	43
72/1008	001.612.002	Bosch	Opp. Comm. End	Starter	43
43/102350	D90 SD	GEC Machines	Opp. & Drive End	T/M Blower	43
43/103008	TM68-46	BEM	Opp. Comm. End	Traction	43
43/105719	TM68-46	BEM	Comm. End	Traction	43
43/102129	G417 AZ	GECT	Opp. Comm. End	Traction	43
43/105721	G417 AZ	GECT	Comm. End	Traction	43

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/5319	DY 2413	AEI	Comm. End	Compressor	47
43/34581	2 EC 38 B	Westinghouse	Comm. End	Compressor	47
43/102460	TAM 28-12 MkIII	BEM	Comm. End	Compressor	47
43/106677	TAM 28-12 MkIII	BEM	Opp. Comm. End	Compressor	47
43/106677	TAM 28-12 MkIIIA	BEM	Opp. Comm. End	Compressor	47
43/102460	TAM 28-12 MkIIIA	BEM	Comm. End	Compressor	47
43/106677	TAM 28-12 MkIV	BEM	Opp. Comm. End	Compressor	47
43/106677	TAM 28-16 MkIX	BEM	Opp. Comm. End	Compressor	47
43/38380	TG160-60+TG69-28	BEM	Opp. Engine End	Main + Aux. Gen.	47
43/38380	TG160-16+TG160-30+TG69-16	BEM	Opp. Engine End	Main + Aux. Gen.	47
43/38380	TG160-60+TG69-20	BEM	Opp. Engine End	Main + Aux. Gen.	47
43/38380	TG172-50+TG69-20	BEM	Opp. Engine End	Main + Aux. Gen.	47
43/38380	TG160-60+BL100-30	BEM	Opp. Engine End	Main Gen. + ETH Alt.	47
43/38380	TG172-50+BL100-30	BEM	Opp. Engine End	Main Gen. + ETH Alt.	47
43/31398	VAM 42-16 MkII	BEM	Opp. Comm. End	Radiator Fan	47
43/33632	VAM 42-16 MkII	BEM	Comm. End	Radiator Fan	47
43/102660	JB E7F	AEI	Opp. & Drive End	Speedo. Gen.	47
43/102660	JS E10F	AEI	Opp. & Drive End	Speedo. Gen.	47
43/102660	JB E10B 56	AEI	Opp. & Drive End	Speedo. Gen.	47
43/102660	JB E10F 56	AEI	Opp. & Drive End	Speedo. Gen.	47
61/28762	TM64-68 MkI	BEM	Gearwheel End	Suspension Tube (Timken)	47
61/28761	TM64-68 MkI	BEM	Opp. Gearwheel End	Suspension Tube (Timken)	47

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
61/31965	TM64-68 MkIA	BEM	Gearwheel End	Suspension Tube (RHP)	47
61/31964	TM64-68 MkIA	BEM	Opp. Gearwheel End	Suspension Tube (RHP)	47
61/41880	TM64-68 MkI	BEM	Gearwheel End	Suspension Tube (RHP)	47
61/41879	TM64-68 MkI	BEM	Opp. Gearwheel End	Suspension Tube (RHP)	47
61/41882	TM64-68 MkIA	BEM	Gearwheel End	Suspension Tube (SKF)	47
61/41883	TM64-68 MkIA	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	47
43/102460	TAM 28-16 MkV	BEM	Comm. End	T/M Blower	47
43/106690	TAM 28-16 MkV	BEM	Opp. Comm. End	T/M Blower	47
43/102460	TAM 28-20 MkII	BEM	Comm. End	T/M Blower	47
43/106690	TAM 28-20 MkII	BEM	Opp. Comm. End	T/M Blower	47
43/106395	TM64-68 MkI	BEM	Comm. End	Traction	47
43/106396 (High Capacity Alternative)	TM64-68 MkI	BEM	Comm. End	Traction	47
43/106395	TM64-68 MkIA	BEM	Comm. End	Traction	47
43/106396 (High Capacity Alternative)	TM64-68 MkIA	BEM	Comm. End	Traction	47
43/106875	TM64-68 MkI	BEM	Opp. Comm. End	Traction	47
43/106870 (High Capacity Alternative)	TM64-68 MkI	BEM	Opp. Comm. End	Traction	47
43/106875	TM64-68 MkIA	BEM	Opp. Comm. End	Traction	47
43/106870 (High Capacity Alternative)	TM64-68 MkIA	BEM	Opp. Comm. End	Traction	47
43/102469	TAM 28-16 MkIII	BEM	Comm. End	Triple Pump	47
43/106690	TAM 28-16 MkIII	BEM	Opp. Comm. End	Triple Pump	47
43/3925	F 793	Newton Bros.	Drive End	Wheelslip Detection Alt.	47
43/3951	F 793	Newton Bros.	Opp. Drive End	Wheelslip Detection Alt.	47

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102275	MD 112130	GEC Machines	Comm. End	Fuel Pump	47/9
43/102390	MD 112130	GEC Machines	Opp. Comm. End	Fuel Pump	47/9
43/102305	MD 132130	GEC Machines	Comm. End	Lub. Oil Pump	47/9
43/102445	MD 132130	GEC Machines	Opp. Comm. End	Lub. Oil Pump	47/9
43/106434	T 21-30	BEM	Drive End	T/M Blower	47/9
43/102460	T 21-30	BEM	Opp. Drive End	T/M Blower	47/9

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102925	EE749/3B	EE Co	Opp. Comm. End	Brake Fan	50
43/106335	EE749/3B	EE Co	Comm. End	Brake Fan	50
43/34581	3 VC 75	Westinghouse	Comm. End	Compressor	50
43/106830	EE915/1B+EE911/5C	EE Co	Opp. Comm. End	ETH + Aux. Gen.	50
43/106428	EE915/1B+EE911/5C	EE Co	Comm. End	ETH + Aux. Gen.	50
43/102315	F7 A	Normand	Opp. & Comm. End	Extractor Fan	so
43/102275	TFZ 97940	GEC Machines	Comm. End	Fuel Pump	50
43/102605	TFZ 97940	GEC Machines	Opp. Comm. End	Fuel Pump	50
43/39690	EE840/4B	EE Co	Opp. Engine End	Main Gen.	50
43/102187	EE773A	EE Co	Opp. Comm. End	Radiator Fan	50
43/102955	EE773A	EE Co	Comm. End	Radiator Fan	50
51/85399	EE538/5A	EE Co	Gearwheel End	Suspension Tube (SKF)	50
51/85398	EE538/SA	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	50
51/85402	EE538/5A	EE Co	Gearwheel End	Suspension Tube (Timken)	50
51/85401	EE538/5A	EE Co	Opp. Gearwheel End	Suspension Tube (Timken)	50
43/34587	EE750/38G	EE Co	Comm. End	T/M Blower	so
43/34616	EE750/38G	EE Co	Opp. Comm. End	T/M Blower	50
43/106405	EE538/5A	EE Co	Comm. End	Traction	so
43/106406 (High Capacity Alternative)	EE538/SA	EE Co	Comm. End	Traction	50
43/106870	EE538/SA	EE Co	Opp. Comm. End	Traction	50

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106690	TO 24	BEM	Opp. Drive End	Compressor	56
43/102040	T 47106 TBB	Fracmo	Opp. & Drive End	Condenser Fan	56
43/102335	D80	Normand	Opp. & Drive End	Condenser Fan	56
43/102295	5 A	Normand	Opp.& Comm. End	Engine Compt. Fan	56
43/102040	T 47106 TBB	Fracmo	Opp. & Drive End	Evaporator Fan	56
43/102335	D80	Normand	Opp. & Drive End	Evaporator Fan	56
43/102275	MD 112130	GEC Machines	Comm. End	Fuel Pump	56
43/102390	MD 112130	GEC Machines	Opp. Comm. End	Fuel Pump	56
43/102335	D80	Normand	Opp. & Drive End	Heater Fan	56
43/102305	MD 132130	GEC Machines	Comm. End	Lub. Oil Pump	56
43/102445	MD 132130	GEC Machines	Opp. Comm. End	Lub. Oil Pump	56
43/106855	BA1101A/BAE504+BAA602A/BAE503	BEM	Opp. Engine End	Main + Aux. Alt. + Exciter	56
43/106856	BA1101A/BAE504+BAA602A/BAE503	BEM	Opp. Engine End	Main + Aux. Alt. + Exciter	56
72/1013	001.612.004	Bosch	Drive Shaft Inner	Starter	56
72/1007	001.612.004	Bosch	Drive Shaft Outer	Starter	56
72/1027	001.612.004	Bosch	Engagement Rod	Starter	56
72/1008	001.612.004	Bosch	Opp. Comm. End	Starter	56

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
72/3990	TM73-62	BEM	Gearwheel End	Suspension Tube (SKF)	56
72/2319	TM73-62	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	56
72/3990	TM73-62	BEM	Gearwheel End	Suspension Tube (Timken)	56
72/2319	TM73-62	BEM	Opp. Gearwheel End	Suspension Tube (Timken)	56
43/106434	T 21-30	BEM	Drive End	T/M Blower	56
43/102460	T 21-30	BEM	Opp. Drive End	T/M Blower	56
43/106410	TM73-62	BEM	Comm. End	Traction	56
43/106411 (High Capacity Alternative)	TM73-62	BEM	Comm. End	Traction	56
43/106875	TM73-62	BEM	Opp. Comm. End	Traction	56
43/106870 (High Capacity Alternative)	TM73-62	BEM	Opp. Comm. End	Traction	56

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102225	P 47106 TBB	Fracmo	Opp. & Drive End	Cab Heater Fan	58
43/102275	MD 112130	GEC Machines	Comm. End	Fuel Pump	58
43/102390	MD 112130	GEC Machines	Opp. Comm. End	Fuel Pump	58
43/102280	SP.2.27	Normand	Opp. Comm. End	Hyd. Parking Brake	58
43/103045	SP.2.27	Normand	Comm. End	Hyd. Parking Brake	58
43/102305	MD 132130	GEC Machines	Comm. End	Lub. Oil Pump	58
43/102445	MD 132130	GEC Machines	Opp. Comm. End	Lub. Oil Pump	58
43/106855	BA1101B/BAE504+BAA602B/BAE503	BEM	Opp. Engine End	Main + Aux. Alt. + Exciter	58
43/106856	BA1101B/BAE504+BAA602B/BAE503	BEM	Opp. Engine End	Main + Aux. Alt. + Exciter	58
72/1013	001.612.004	Bosch	Drive Shaft Inner	Starter	58
72/1007	001.612.004	Bosch	Drive Shaft Outer	Starter	58
72/1027	001.612.004	Bosch	Engagement Rod	Starter	58
72/1008	001.612.004	Bosch	Opp. Comm. End	Starter	58
72/3990	TM73-62	BEM	Gearwheel End	Suspension Tube (SKF)	58
72/2319	TM73-62	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	58
43/102460	D160 LD	GEC Machines	Opp. Drive End	T/M Blower	58
43/102880	D160 LD	GEC Machines	Opp. & Drive End	T/M Blower	58
43/106410	TM73-62	BEM	Comm. End	Traction	58
43/106411 (High Capacity Alternative)	TM73-62	BEM	Comm. End	Traction	58
43/106875	TM73-62	BEM	Opp. Comm. End	Traction	58
43/106870 (High Capacity Alternative)	TM73-62	BEM	Opp. Comm. End	Traction	58
43/102268	MRE 324 TF BS D128	Brook Motors	Opp. & Drive End	Water Circulating Pump	58

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106855	BA1006A+BAA702A	BEM	Opp. Engine End	Main + Aux. Alt.	60
43/106856 (High Capacity Alternative)	BA1006A+BAA702A	BEM	Opp. Engine End	Main + Aux. Alt.	60
43/103001	TAIM 2121A	BEM	Drive End	Radiator Fan	60
43/102520	TAIM 2121A	BEM	Opp. Drive End	Radiator Fan	60
43/106434	TAIM 2041A	BEM	Drive End	T/M Blower	60
43/102460	TAIM 2041A	BEM	Opp. Drive End	T/M Blower	60
43/106410	TM 2161A	BEM	Comm. End	Traction	60
43/106411 (High Capacity Alternative)	TM 2161A	BEM	Comm. End	Traction	60
43/106875	TM 2161A	BEM	Opp. Comm. End	Traction	60
43/106870 (High Capacity Alternative)	TM 2161A	BEM	Opp. Comm. End	Traction	60

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102480	C 63 E7	C.P.	Comm. End	Compressor	73
43/106670	C 63 E7	C.P.	Opp. Comm. End	Compressor	73
43/102275	TFZ 97920	GEC Machines	Comm. End	Control Camshaft	73
43/102605	TFZ 97920	GEC Machines	Opp. Comm. End	Control Camshaft	73
43/102275	TFZ 97905	GEC Machines	Comm. End	Fuel Pump	73
43/102605	TFZ 97905	GEC Machines	Opp. Comm. End	Fuel Pump	73
43/102250	TFZ 97900	GEC Machines	Comm. End	Load Regulator	73
43/102255	TFZ 97900	GEC Machines	Opp. Comm. End	Load Regulator	73
43/102275	TFZ 97921	GEC Machines	Comm. End	Lub. Oil Pump	73
43/102605	TFZ 97921	GEC Machines	Opp. Comm. End	Lub. Oil Pump	73
43/105105	EE824/5D+EE908/3C	EE Co	Opp. Engine End	Main + Aux. Gen.	73
43/106716	EE765A	EE Co	Generator End	Motor/Generator	73
43/106717	EE765A	EE Co	Motor End	Motor/Generator	73
43/34581	EE766A	EE Co	Comm. End	Radiator Fan	73
43/5351	EE766A	EE Co	Opp. Comm. End	Radiator Fan	73
93/871	EE542/A	EE Co	Gearwheel End	Suspension Tube (Timken)	73/0
93/875	EE542/A	EE Co	Opp. Gearwheel End	Suspension Tube (Timken)	73/0
83/2187	EE546/1B	EE Co	Gearwheel End	Suspension Tube (RHP)	73/1
83/2188	EE546/1B	EE Co	Opp. Gearwheel End	Suspension Tube (RHP)	73/1

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34587	EE750/30Q	EE Co	Comm. End	T/M Blower	73/0
43/34616	EE750/30Q	EE Co	Opp. Comm. End	T/M Blower	73/0
43/34587	EE750/37Q	EE Co	Comm. End	T/M Blower	73/1
43/34616	EE750/37Q	EE Co	Opp. Comm. End	T/M Blower	73/1
43/106405	EE542/A	EE Co	Comm. End	Traction	73/0
43/106406 (High Capacity Alternative)	EE542/A	EE Co	Comm. End	Traction	73/0
43/105790	EE542/A	EE Co	Opp. Comm. End	Traction	73/0
43/106570	EE546/1B	EE Co	Comm. End	Traction	73/1
43/106571 (High Capacity Alternative)	EE546/1B	EE Co	Comm. End	Traction	73/1
43/105790	EE546/1B	EE Co	Opp. Comm. End	Traction	73/1

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102605	BD 2911 B	GEC Machines	Opp. & Drive End	Aux. Compressor	81
43/34581	2 EC 38 B	Westinghouse	Comm. End	Compressor	81
43/102880	ZD 160 LD	GEC Machines	Opp. & Drive End	Choke Fan	81
43/5296	KOS 3532	AEI	Opp. Drive End	Oil Pump	81
43/5332	KOS 3532	AEI	Drive End	Oil Pump	81
90/906	189 AZ	AEI	Gearwheel End	Quill Drive	81
90/905	189 AZ	AE1	Opp. Gearwheel End	Quill Drive	81
43/102840	KBNS-B254	AEI	Opp. Drive End	Radiator Fan	81
43/106325	KBNS-B254	AEI	Drive End	Radiator Fan	81
43/102840	KBNS-B254	AEI	Opp. Drive End	Rectifier Fan	81
43/106325	KBNS-B254	AEI	Drive End	Rectifier Fan	81
43/5319	DY 2820 A	AEI	Comm. End	Rheostatic Brake	81
43/5374	DY 2820 A	AEI	Opp. Comm. End	Rheostatic Brake	81
43/102605	BD 2911 B (B-B)	GEC Machines	Opp. & Drive End	Tap Changer	81
43/102855	KNS-B324	AEI	Opp. Drive End	T/M Blower	81
43/102880	KNS-B324	AEI	Drive End	T/M Blower	81
43/106410	189 AZ	AEI	Comm. End	Traction	81
43/106411 (High Capacity Alternative)	189 AZ	AEI	Comm. End	Traction	81
43/106895	189 AZ	AEI	Opp. Comm. End	Traction	81
43/106896 (High Capacity Alternative)	189 AZ	AEI	Opp. Comm. End	Traction	81

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102605	BD 2911 B	GEC Machines	Opp. & Drive End	Aux. Compressor	85
43/34581	2 EC 38 B	Westinghouse	Comm. End	Compressor	85
43/102880	ZD 160 LD	GEC Machines	Opp. & Drive End	Choke Fan	85
43/5296	KOS 3532	AEI	Opp. Drive End	Oil Pump	85
43/5332	KOS 3532	AEI	Drive End	Oil Pump	85
90/906	189 AZ	AEI	Gearwheel End	Quill Drive	85
90/905	189 AZ	AEI	Opp. Gearwheel End	Quill Drive	85
43/102840	KBNS-B254	AEI	Opp. Drive End	Radiator Fan	85
43/106325	KBNS-B254	AEI	Drive End	Radiator Fan	85
43/102840	KBNS-B254	AEI	Opp. Drive End	Rectifier Fan	85
43/106325	KBNS-B254	AEI	Drive End	Rectifier Fan	85
43/5319	DY 2820 A	AEI	Comm. End	Rheostatic Brake	85
43/5374	DY 2820 A	AEI	Opp. Comm. End	Rheostatic Brake	85
43/102605	BD 2911 B (B-B)	GEC Machines	Opp. & Drive End	Tap Changer	85
43/102855	KNS-B324	AEI	Opp. Drive End	T/M Blower	85
43/102880	KNS-B324	AEI	Drive End	T/M Blower	85
43/106410	189 AZ	AEI	Comm. End	Traction	85
43/106411 (High Capacity Alternative)	189 AZ	AEI	Comm. End	Traction	85
43/106895	189 AZ	AEI	Opp. Comm. End	Traction	85
43/106896 (High Capacity Alternative)	189 AZ	AEI	Opp. Comm. End	Traction	85

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP	Tuscan	Opp. Comm. End	Aux. Compressor	86
43/102385	K8-BP	Tuscan	Comm. End	Aux. Compressor	86
43/31220	EE724/3B	EE Co	Comm. End	Aux. Compressor	86
43/34581	3 VC 75	Westinghouse	Comm. End	Compressor	86
43/5296	KOS 3532	AEI	Opp. Drive End	Oil Pump	86
43/5332	KOS 3532	AEI	Drive End	Oil Pump	86
43/5319	DVY 2820 A	AEI	Comm. End	Radiator Fan	86
43/5374	DVY 2820 A	AEI	Opp. Comm. End	Radiator Fan	86
43/5319	DVY 2820 A	AEI	Comm. End	Rheostatic Brake	86
43/5374	DVY 2820 A	AEI	Opp. Comm. End	Rheostatic Brake	86
43/47591	282 AZ & BZ	AEI	Gearwheel End	Suspension Tube (Timken)	86
43/47590	282 AZ & BZ	AEI	Opp. Gearwheel End	Suspension Tube (Timken)	86
90/9695	BD 2508B (BB)	AEI	Opp. & Drive End	Tap Changer	86
43/	10 TS 3B2	AEI	Cam Follower	Tap Changer	86
43/9815	10 TS 3B2	AEI	Diverter Oper'g Spindle	Tap Changer	86
43/3925	10 TS 3B2	AEI	Gearwheel Spindle	Tap Changer	86
43/9815	10 TS 3B2	AEI	Fast Shaft	Tap Changer	86
43/	10 TS 3B2	AEI	High Speed Pinion	Tap Changer	86
43/9815	10 TS 3B2	AEI	Main Operating Shaft	Tap Changer	86
43/9815	10 TS 3B2	AEI	Operator	Tap Changer	86
43/9815	10 TS 3B2	AEI	Selector Drive Shaft	Tap Changer	86
43/9805	10 TS 3B2	AEI	Slow Shaft	Tap Changer	86

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102840	KNS-C256	AEI	Opp. Drive End	T/M Blower	86
43/102880	KNS-C256	AEI	Drive End	T/M Blower	86
43/102890	ZC 256 D	AEI	Drive End	T/M Blower	86
43/102469	ZC 256 D	AEI	Opp. Drive End	T/M Blower	86
43/105860	282 AZ & BZ	AEI	Comm. End	Traction	86
43/106900	282 AZ & BZ	AEI	Opp. Comm. End	Traction	86
43/106901 (High Capacity Alternative)	282 AZ & BZ	AEI	Opp. Comm. End	Traction	86
43/102280	SP.2.27	Normand	Opp. Comm. End	Hyd. Parking Brake	86/1
43/103045	SP.2.27	Normand	Comm. End	Hyd. Parking Brake	86/1
43/	10 TS 4B2	AEI	Cam Follower	Tap Changer	86/1
43/9815	10 TS 4B2	AEI	Diverter Oper'g Spindle	Tap Changer	86/1
43/3925	10 TS 4B2	AEI	Gearwheel Spindle	Tap Changer	86/1
43/9815	10 TS 4B2	AEI	Fast Shaft	Tap Changer	86/1
43/	10 TS 4B2	AEI	High Speed Pinion	Tap Changer	86/1
43/9815	10 TS 4B2	AEI	Main Operating Shaft	Tap Changer	86/1
43/9815	10 TS 4B2	AEI	Operator	Tap Changer	86/1
43/9815	10 TS 4B2	AEI	Selector Drive Shaft	Tap Changer	86/1
43/9805	10 TS 4B2	AEI	Slow Shaft	Tap Changer	86/1
43/102015	G412 AZ	AEI	Opp. Comm. End	Traction	86/1
43/105735	G412 AZ	AEI	Comm. End	Traction	86/1

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/103070	CC 4.25	Woods Fans	Opp. & Drive End	Cab Vent Fan	87
43/102320	K8-BP	Tuscan	Opp. Comm. End	Aux. Compressor	87
43/102385	K8-BP	Tuscan	Comm. End	Aux. Compressor	87
43/34581	3 VC 75	Westinghouse	Comm. End	Compressor	87
43/102280	SP.2.27	Normand	Opp. Comm. End	Hyd. Parking Brake	87
43/103045	SP.2.27	Normand	Comm. End	Hyd. Parking Brake	87
43/5296	KOS 3532	AEI	Opp. Drive End	Oil Pump	87
43/5332	KOS 3532	AEI	Drive End	Oil Pump	87
43/5319	DVY 2820 A	AEI	Comm. End	Rheostatic Brake	87
43/5374	DVY 2820 A	AEI	Opp. Comm. End	Rheostatic Brake	87
90/9695	BD 2508B (BB)	AEI	Opp. & Drive End	Tap Changer	87
43/	11 TS 2B2	AEI	Cam Follower	Tap Changer	87
43/9815	11 TS 2B2	AEI	Fast Shaft	Tap Changer	87
43/9815	11 TS 2B2	AEI	Operator	Tap Changer	87
43/9815	11 TS 2B2	AEI	Selector Drive Shaft	Tap Changer	87
43/9815	11 TS 2B2	AEI	Selector/Geneva Wheel	Tap Changer	87
43/9815	11 TS 2B2	AEI	Slow Shaft	Tap Changer	87
43/102840	KNS-C256	AEI	Opp. Drive End	T/M Blower	87
43/102880	KNS-C256	AEI	Drive End	T/M Blower	87
43/102469	ZC 256 D	AEI	Opp. Drive End	T/M Blower	87
43/102890	ZC 256 D	AEI	Drive End	T/M Blower	87
43/102015	G412 AZ	AEI	Opp. Comm. End	Traction	87
43/105735	G412 AZ	AEI	Comm. End	Traction	87

APPENDIX A

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106155	225R	Mawdsley's	Comm. End	Compressor	89
				Converter Oil Pump	89
43/102405	19KG/F2229 B	Woods Fans	Drive End	Cooler Group Fan	89
43/102370	19KG/F2229 B	Woods Fans	Opp. Drive End	Cooler Group Fan	89
	PD180 MH	Brook C.P.M.		T/M Blower	89
(61940 M/C4)	TMH 2201A	BEM	Opp. Comm. End	Traction	89
43/105735	TMH 2201A	BEM	Comm. End	Traction	89
				Transformer Oil Pump	89
				Ventilation Fan	89

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/	K8-BP 0/2	Tuscan	Opp. Comm. End	Aux. Compressor	90
43/	K8-BP 0/2	Tuscan	Comm. End	Aux. Compressor	90
43/	3 VC 55 B	Westinghouse	Comm. End	Compressor	90
43/102826	F6050	B.K.B	Comm. End	Rheostatic Brake Fan	90
43/102856	F6050	B.K.B	Opp. Comm. End	Rheostatic Brake Fan	90
43/	D 160 L	GEC Machines	Opp. Drive End	T/M Blower	90
43/	D 160 L	GEC Machines	Drive End	T/M Blower	90
43/102015	G412 CY	GEC	Opp. Comm. End	Traction	90
43/105735	G412 CY	GEC	Comm. End	Traction	90

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102480	D 180 MR	GEC Machines	Opp. Drive End	Converter Fan	91
43/102922	D 180 MR	GEC Machines	Drive End	Converter Fan	91
43/	ATO 2V	Sigmund	Opp. & Drive End	Converter Oil Pump	91
43/	-BP 012	Tuscan	Opp. Comm. End	Aux. Compressor	91
43/	-BP 0/2	Tuscan	Comm. End	Aux. Compressor	91
43/106155	225 R	Mawdsleys	Comm. End	Compressor	91
43/				Radiator Fan	91
43/102826	F6060	B.K.B	Comm. End	Rheostatic Brake Fan	91
43/102856	F6060	B.K.B	Opp. Comm. End	Rheostatic Brake Fan	91
43/102460	D 180 MD	GEC Machines	Opp. Drive End	T/M Blower	91
43/102915	D 180 MD	GEC Machines	Drive End	T/M Blower	91
43/ (6326 M/C4)	G426 BZ	GECT	Comm. End	Traction	91
43/ (NU230 EMT/C4)	G426 BZ	GECT	Opp. Comm.End	Traction	91
43/	ATO 3R	Sigmund	Opp. & Drive End	Transformer Oil Pump	91

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102770	AC203	CAV	Slip Ring End	Alternator	101-128
43/106317	AC203	CAV	Opp. Slip Ring End	Alternator	101-128
43/102856	AC1424-1	CAV	Slip Ring End	Alternator	101-128
43/105771	AC1424-1	CAV	Opp. Slip Ring End	Alternator	101-128
43/102856	AC1424-3M	CAV	Slip Ring End	Alternator	101-128
43/105771	AC1424-3M	CAV	Opp. Slip Ring End	Alternator	101-128
43/102856	AC1424-4M	CAV	Slip Ring End	Alternator	101-128
43/105771	AC1424-4M	CAV	Opp. Slip Ring End	Alternator	101-128
43/102856	AC1424-Y3	CAV	Slip Ring End	Alternator	101-128
43/105771	AC1424-Y3	CAV	Opp. Slip Ring End	Alternator	101-128
43/102792	AC8B24-2	CAV	Slip Ring End	Alternator	101-128
43/32547	AC8B24-2	CAV	Opp. Slip Ring End	Alternator	101-128
43/102792	AC8B24-6	CAV	Slip Ring End	Alternator	101-128
43/32547	AC8B24-6	CAV	Opp. Slip Ring End	Alternator	101-128
43/102792	AC8B24 9M	CAV	Slip Ring End	Alternator	101-128
43/32547	AC8B24-9M	CAV	Opp. Slip Ring End	Alternator	101-128
43/5420	Tonum XR 32L	Stones	Opp. Comm. End	Generator	101-128
43/34616	Tonum XR 32L	Stones	Comm. End	Generator	101-128
431102922	Tonum XR 30LC	Stones	Opp. Comm. End	Generator	101-128
43/106660	Tonum XR 30LC	Stones	Comm. End	Generator	101-128

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102770	AC203/60/24	CAV	Slip Ring End	Alternator	140-144
43/106317	AC203/60/24	CAV	Opp. Slip Ring End	Alternator	140-144
43/ (NU 408)	ED27A 2CC	Newman	Opp.Drive End	Compressor	143
43/	1.5R -8P	Greenbat	Slip Ring End	Alternator	150/1
43/	1.5R -8P	Greenbat	Opp. Slip Ring End	Alternator	150/1
43/102770	AC203/80/24	CAV	Slip Ring End	Alternator	150/2
43/106317	AC203/80/24	CAV	Opp. Slip Ring End	Alternator	150/2
43/	50DN-600/270A	Delco Remy	Inner Drive End	Alternator	151
43/	50DN-600/270A	Delco Remy	Outer Drive End	Alternator	151
43/		Westinghouse		Compressor	151

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106663	SOA200/11OR	Stones	Slip Ring End	Alternator	155
43/102861	SOA200/11OR	Stones	Opp. Slip Ring End	Alternator	155
43/106435	SOA200/11OR	Stones	Drive End	Alternator Gearbox	155
43/102980	SOA200/11OR	Stones	Opp. Drive End	Alternator Gearbox	155
43/106663	SOA200/11OR	Stones	Slip Ring End	Alternator	156
43/102861	SOA200/11OR	Stones	Opp. Slip Ring End	Alternator	156
43/106435	SOA200/11OR	Stones	Drive End	Alternator Gearbox	156
43/102980	SOA200/11OR	Stones	Opp. Drive End	Alternator Gearbox	156
43/106716	8 KSI 07-14 Statodyne	Alsthom	Drive End	Alternator	158
43/102895	8 KSI 07-14 Statodyne	Alsthom	Opp. Drive End	Alternator	158

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102275	TFZ 97905	GEC Machines	Comm. End	Fuel Pump	203-207
43/102605	TFZ 97905	GEC Machines	Opp. Comm. End	Fuel Pump	203-207
43/102275	TFZ 97921	GEC Machines	Comm. End	Lub. Oil Pump	203-207
43/102605	TFZ 97921	GEC Machines	Opp. Comm. End	Lub. Oil Pump	203-207
43/105105	EE824/2C+EE906/2C	EE Co	Opp. Engine End	Main + Aux. Gen.	203-207
43/105105	EE824MC+EE906/2C	EE Co	Opp. Engine End	Main + Aux. Gen.	203-207
43/102220	MDA 1	EE Co	Opp. & Comm. End	Control Camshaft	203-207
43/106405	EE507	EE Co	Comm. End	Traction	203-207
43/106406 (High Capacity Alternative)	EE507	EE Co	Comm. End	Traction	203-207
43/105790	EE507	EE Co	Opp. Comm. End	Traction	203-207

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/31220	EE724/2B	EE Co	Comm. End	Aux. Compressor	302
43/31220	EE724/3B	EE Co	Comm. End	Aux. Compressor	302
43/102880	EE102A	EE Co	Drive End	Oil Pump	302
43/102855	EE102A	EE Co	Opp. Drive End	Oil Pump	302
43/102825	EE100A	EE Co	Opp. & Drive End	Radiator Fan	302
43/102825	EE101A	EE Co	Opp. & Drive End	Rectifier Fan	302
90/9695	BD 2506 B	GEC Machines	Opp. & Drive End	Tap Changer	302
43/105790	EE536A	EE Co	Opp. Comm. End	Traction	302
43/106405	EE536A	EE Co	Comm. End	Traction	302
43/106406 (High Capacity Alternative)	EE536A	EE Co	Comm. End	Traction	302

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	BM8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	303
43/102385	BM8-BP/D	Tuscan	Comm. End	Aux. Compressor	303
93/70184	KOS 3016	AEI	Drive End	Oil Pump	303
93/70185	KOS 3016	AEI	Opp. Drive End	Oil Pump	303
43/102825	KNXS-B204	AEI	Opp. & Drive End	Radiator Fan	303
43/102825	KNXS-B203D	AEI	Drive End	Rectifier Fan	303
43/102825	KNXS-B203D	AEI	Opp. Drive End	Rectifier Fan	303
93/871	148	AEI	Gearwheel End	Suspension Tube (Timken)	303
93/875	148	AEI	Opp. Gearwheel End	Suspension Tube (Timken)	303
43/102605	BD 2911 B	GEC Machines	Opp. & Drive End	Tap Changer	303
43/106395	148	AEI	Comm. End	Traction	303
43/106396 (High Capacity Alternative)	148	AEI	Comm. End	Traction	303
43/106855	148	AEI	Opp. Comm. End	Traction	303
43/106856 (High Capacity Alternative)	148	AEI	Opp. Comm. End	Traction	303

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102605	BD 2911 B (S-B)	GEC Machines	Opp. & Drive End	Aux. Compressor	304
93/70184	KOS 3016	AEI	Drive End	Oil Pump	304
93/70185	KOS 3016	AEI	Opp. Drive End	Oil Pump	304
	KVNS 225	AEI	Drive End	Rectifier Fan	304
	KVNS 225	AEI	Opp. Drive End	Rectifier Fan	304
43/102660	JB E7J	AEI	Opp. & Drive End	Speedo. Gen.	304
43/102660	JB E10J 46	AEI	Opp. & Drive End	Speedo. Gen.	304
93/871	148 B	AEI	Gearwheel End	Suspension Tube (Timken)	304
93/875	148 B	AEI	Opp. Gearwheel End	Suspension Tube (Timken)	304
43/102605	BD 2911 B (B-B)	GEC Machines	Opp. & Drive End	Tap Changer	304
43/106395	148 B	AEI	Comm. End	Traction	304
43/106396 (High Capacity Alternative)	148 B	AEI	Comm. End	Traction	304
43/106855	148 B	AEI	Opp. Comm. End	Traction	304
43/106856 (High Capacity Alternative)	148 B	AEI	Opp. Comm. End	Traction	304

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/31220	WT101	GEC	Comm. End	Aux. Compressor	305
93/70184	KOS 3022	AEI	Drive End	Oil Pump	305
93/70185	KOS 3022	AEI	Opp. Drive End	Oil Pump	305
43/3938	23.1/2"	Woods Fans	Opp. Drive End	Radiator Fan	305
43/5253	23.1/2"	Woods Fans	Drive End	Radiator Fan	305
43/3938	15 JTJ	Woods Fans	Opp. Drive End	Rectifier Fan	305
43/5253	15 JTJ	Woods Fans	Drive End	Rectifier Fan	305
43/105805	WT380	GEC	Opp. Comm. End	Traction	305
43/105850	WT380	GEC	Comm. End	Traction	305

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP	Tuscan	Opp. Comm. End	Aux. Compressor	307
43/102385	K8-BP	Tuscan	Comm. End	Aux. Compressor	307
43/102915	WT632	GEC	Motor End	Motor/Generator	307
43/106690	WT632	GEC	Generator End	Motor/Generator	307
93/70184	KOS 3022	AE1	Drive End	Oil Pump	307
93/70185	KOS 3022	AEI	Opp. Drive End	Oil Pump	307
43/102825	KNXS-B204	AEI	Opp. & Drive End	Rectifier Fan	307
43/105805	WT344	GEC	Opp. Comm. End	Traction	307
43/105850	WT344	GEC	Comm. End	Traction	307

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/31220	EE724/2B	EE Co	Comm. End	Aux. Compressor	308
43/31220	EE724/3B	EE Co	Comm. End	Aux. Compressor	308
43/102880	EE102A	EE Co	Drive End	Oil Pump	308
43/102855	EE102A	EE Co	Opp. Drive End	Oil Pump	308
43/102825	EE100A	EE Co	Opp. & Drive End	Radiator Fan	308
43/102825	EE108A	EE Co	Opp. & Drive End	Rectifier Fan	308
43/105790	EE536A	EE Co	Opp. Comm. End	Traction	308
43/106405	EE536A	EE Co	Comm. End	Traction	308
43/106406 (High Capacity Alternative)	EES36A	EE Co	Comm. End	Traction	308

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/31220	WT108	GEC	Comm. End	Aux. Compressor	309
93/70184	KOS 3022	AEI	Drive End	Oil Pump	309
93/70185	KOS 3022	AEI	Opp. Drive End	Oil Pump	309
43/3938	23.1/2"	Woods Fans	Opp. Drive End	Radiator Fan	309
43/5253	23.1/2"	Woods Fans	Drive End	Radiator Fan	309
43/3938	15 JTJ	Woods Fans	Opp. Drive End	Rectifier Fan	309
43/5253	15 JTJ	Woods Fans	Drive End	Rectifier Fan	309
93/871	WT401	GEC	Gearwheel End	Suspension Tube (Timken)	309
93/875	WT401	GEC	Opp. Gearwheel End	Suspension Tube (Timken)	309
43/106400	WT401	GEC	Comm. End	Traction	309
43/106401 (High Capacity Alternative)	WT401	GEC	Comm. End	Traction	309
43/106840	WT401	GEC	Opp. Comm. End	Traction	309

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/31220	EE724/2B	EE Co	Comm. End	Aux. Compressor	310
43/31220	EE724/3B	EE Co	Comm. End	Aux. Compressor	310
93/881		Smiths	Opp. & Comm. End	Demister	310
93/70184	KOS 3022	AEI	Drive End	Oil Pump	310
93/70185	KOS 3022	AEI	Opp. Drive End	Oil Pump	310
43/102660	JB E10K 38	AEI	Opp. & Drive End	Speedo. Gen.	310
93/877	EE546A	EE Co	Gearwheel End	Suspension Tube (SKF)	310
93/878	EE546A	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	310
43/105790	EE546A	EE Co	Opp. Comm. End	Traction	310
43/106570	EE546A	EE Co	Comm. End	Traction	310
43/106571 (High Capacity Alternative)	EE546A	EE Co	Comm. End	Traction	310

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	BM8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	311
43/102385	BM8-BP/D	Tuscan	Comm. End	Aux. Compressor	311
93/70184	KOS 3022	AEI	Drive End	Oil Pump	311
93/70185	KOS 3022	AEI	Opp. Drive End	Oil Pump	311
93/871	148 AZ	AEI	Gearwheel End	Suspension Tube (Timken)	311
93/875	148 AZ	AEI	Opp. Gearwheel End	Suspension Tube (Timken)	311
43/102605	BD 2911 B (B-B)	GEC Machines	Opp. & Drive End	Tap Changer	311
43/106395	148 AZ	AEI	Comm. End	Traction	311
43/106396 (High Capacity Alternative)	148 AZ	AEI	Comm. End	Traction	311
43/106855	148 AZ	AEI	Opp. Comm. End	Traction	311
43/106856 (High Capacity Alternative)	148 AZ	AEI	Opp. Comm. End	Traction	311

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	BM8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	312
43/102385	8M8-BP/D	Tuscan	Comm. End	Aux. Compressor	312
43/103070	CC 4.25	Woods Fans	Opp. & Drive End	Cab Vent Fan	312
43/102022	ADEB 356 NYR3	AEG-Telefunken	Opp.& Drive End	Guards Fan Heater	312
93/70184	KOS 3022	AEI	Drive End	Oil Pump	312
93/70185	KOS 3022	AEI	Opp. Drive End	Oil Pump	312
43/102660	JB E10M 38	AEI	Opp. & Drive End	Speedo. Gen.	312
93/877	EE546/7F	EE Co	Gearwheel End	Suspension Tube (SKF)	312
93/878	EE546/7F	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	312
43/105790	EE546/7F	EE Co	Opp. Comm. End	Traction	312
43/106570	EE546/7F	EE Co	Comm. End	Traction	312
43/106571 (High Capacity Alternative)	EE546/7F	EE Co	Comm. End	Traction	312

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	313
43/102385	K8-BP/D	Tuscan	Comm. End	Aux. Compressor	313
	WS 2107F.310	AK Fans		Cab Heater Fan	313
43/106345	TAM 29-32 Mk1	BEM	Comm. End	Compressor	313
43/106716	EE776/1A	EE Co	Alternator End	Motor/Alternator	313
43/106717	EE776/1A	EE Co	Motor End	Motor/Alternator	313
	U 26/26	Brook Motors		Oil Pump	313
43/102095	MY 5126	EE Co	Drive End	Resistor Fan	313
43/102320	MY 5126	EE Co	Opp. Drive End	Resistor Fan	313
43/102350	D90 L	GEC Machines	Opp. & Drive End	Resistor Fan	313
93/3097	G310 AZ	GEC	Gearwheel End	Suspension Tube (Timken)	313
93/3098	G310 AZ	GEC	Opp. Gearwheel End	Suspension Tube (Timken)	313
43/106387	G310 AZ	GECT	Comm. End	Traction	313
43/106388 (High Capacity Alternative)	G310 AZ	GECT	Comm. End	Traction	313
43/106807	G310 AZ	GECT	Opp. Comm. End	Traction	313
43/102350	MEVA 90-S4	BBC	Opp. & Drive End	Ventilation Fan	313

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	314
43/102385	K8-BP/D	Tuscan	Comm. End	Aux. Compressor	314
43/34581	3 HC 55	Westinghouse	Comm. End	Compressor	314
43/3944 (Imperial)	F7 A	Normand	Opp. & Drive End	Heater Fan	314
43/102315 (Metric)	F7 A	Normand	Opp. & Drive End	Heater Fan	314
	U 26/26	Brook Motors		Oil Pump	314
93/3097	G310 AZ	GEC	Gearwheel End	Suspension Tube (Timken)	314
93/3098	G310 AZ	GEC	Opp. Gearwheel End	Suspension Tube (Timken)	314
93/3097	TM61-53 MkI	BEM	Gearwheel End	Suspension Tube (Timken)	314
93/3098	TM61-53 MkI	BEM	Opp. Gearwheel End	Suspension Tube (Timken)	314
43/106387	G310 AZ	GECT	Comm. End	Traction	314
43/106388 (High Capacity Alternative)	G310 AZ	GECT	Comm. End	Traction	314
43/106807	G310 AZ	GECT	Opp. Comm. End	Traction	314
43/106387	TM61-53	BEM	Comm. End	Traction	314
43/106388 (High Capacity Alternative)	TM61-53	BEM	Comm. End	Traction	314
43/106807	TM61-53	BEM	Opp. Comm. End	Traction	314
43/102335	F7 A	Normand	Opp. & Drive End	Waste Heat Fan	314

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	315
43/102385	K8-BP/D	Tuscan	Comm. End	Aux. Compressor	315
	U 26/26	Brook Motors		Oil Pump	315
93/3097	G310 AZ	GEC	Gearwheel End	Suspension Tube (Timken)	315
93/3098	G310 AZ	GEC	Opp. Gearwheel End	Suspension Tube (Timken)	315
93/3097	TM61-53 MkI	BEM	Gearwheel End	Suspension Tube (SKF)	315
93/3098	TM61-53 MkI	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	315
43/106387	G310 AZ	GECT	Comm. End	Traction	315
43/106388 (High Capacity Alternative)	G310 AZ	GECT	Comm. End	Traction	315
43/106807	G310 AZ	GECT	Opp. Comm. End	Traction	315
43/106387	TM61-53	BEM	Comm. End	Traction	315
43/106388 (High Capacity Alternative)	TM61-53	BEM	Comm. End	Traction	315
43/106807	TM61-53	BEM	Opp. Comm. End	Traction	315
43/102335	F7 A	Normand	Opp. & Drive End	Waste Heat Fan	315

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	317
43/102385	K8-BP/D	Tuscan	Comm. End	Aux. Compressor	317
43/102040	R 47106 TBD	Fracmo	Drive End	Cab Heater Fan	317
43/102210	R 47106 TBD	Fracmo	Opp. Drive End	Cab Heater Fan	317
43/102826	MT 100L	ASEA	Drive End	Choke Fan	317/1
43/102355	MT 100L	ASEA	Opp. Drive End	Choke Fan	317/1
43/34581	3 IIC 55 B	Westinghouse	Comm. End	Compressor	317
	U 26/26	Brook Motors		Oil Pump	317
23/5014	G315 BZ	GECT	Gearwheel End	Suspension Tube (SKF)	317
23/5013	G315 BZ	GECT	Opp. Gearwheel End	Suspension Tube (SKF)	317
43/103075	AF744	Woods Fans	Opp. & Drive End	Toilet Vent Fan	317
43/106396 (High Capacity Type)	G315 BZ	GECT	Comm. End	Traction	317
43/106397 (Insulated Type)	G315 BZ	GECT	Comm. End	Traction	317
43/106856 (High Capacity Type)	G315 BZ	GECT	Opp. Comm. End	Traction	317
43/106857 (Insulated Type)	G315 BZ	GECT	Opp. Comm. End	Traction	317
43/102826	MT 100L	ASEA	Drive End	Ventilation Fan	317/1
43/102355	MT 100L	ASEA	Opp. Drive End	Ventilation Fan	317/1

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34581	3 HC 55 B	Westinghouse	Comm. End	Compressor	318
23/5014	TM 2141B	BEM	Gearwheel End	Suspension Tube (SKF)	318
23/5013	TM 2141B	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	318
43/106395	TM 2141B	BEM	Comm. End	Traction	318
43/106396 (High Capacity Alternative)	TM 2141B	BEM	Comm. End	Traction	318
43/106855	TM 2141B	BEM	Opp. Comm. End	Traction	318
43/106856 (High Capacity Alternative)	TM 2141B	BEM	Opp. Comm. End	Traction	318
43/102405	D100 LC	GEC Machines	Opp. & Drive End	Ventilation Fan	318

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102320	K8-BP/D	Tuscan	Opp. Comm. End	Aux. Compressor	319
43/102385	K8-BP/D	Tuscan	Comm. End	Aux. Compressor	319
43/102040	R 47106 TBD	Fracmo	Drive End	Cab Heater Fan	319
43/102210	R 47106 TBD	Fracmo	Opp. Drive End	Cab Heater Fan	319
43/34581	3 HC 55 B	Westinghouse	Comm. End	Compressor	319
43/106761	G783 BV	GECT	Alternator End	Motor/Alternator	319
43/106762 (High Capacity Alternative)	G783 BV	GECT	Alternator End	Motor/Alternator	319
43/106389	G783 BV	GECT	Motor End	Motor/Alternator	319
43/106391 (High Capacity Alternative)	G783 BV	GECT	Motor End	Motor/Alternator	319
23/5014	G315 BZ	GECT	Gearwheel End	Suspension Tube (SKF)	319
23/5013	G315 BZ	GECT	Opp. Gearwheel End	Suspension Tube (SKF)	319
43/106396 (High Capacity Type)	G315 BZ	GECT	Comm. End	Traction	319
43/106397 (Insulated Type)	G315 BZ	GECT	Comm. End	Traction	319
43/106856 (High Capacity Type)	G315 BZ	GECT	Opp. Comm. End	Traction	319
43/106857 (Insulated Type)	G315 BZ	GECT	Opp. Comm. End	Traction	319
43/103075	AF744	Woods Fans	Opp. & Drive End	Toilet Vent Fan	319

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
23/5014	TM 2141B	BEM	Gearwheel End	Suspension Tube (SKF)	320
23/5013	TM 2141B	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	320
43/106395	TM 2141B	BEM	Comm. End	Traction	320
43/106396 (High Capacity Alternative)	TM 2141B	BEM	Comm. End	Traction	320
43/106855	TM 2141B	BEM	Opp. Comm. End	Traction	320
43/106856 (High Capacity Alternative)	TM 2141B	BEM	Opp. Comm. End	Traction	320
43/	ATO 3R	Sigmund	Opp. & Drive End	Transformer Oil Pump	320
43/102405	D100 LC	GEC Machines	Opp. & Drive End	Ventilation Fan	320
23/5014	TM 2141B	BEM	Gearwheel End	Suspension Tube (SKF)	321
23/5013	TM 2141B	BEM	Opp. Gearwheel End	Suspension Tube (SKF)	321
43/106395	TM 2141B	BEM	Comm. End	Traction	321
43/106396 (High Capacity Alternative)	TM 2141B	BEM	Comm. End	Traction	321
43/106855	TM 2141B	BEM	Opp. Comm. End	Traction	321
43/106856 (High Capacity Alternative)	TM 2141B	BEM	Opp. Comm. End	Traction	321
43/	ATO 3R	Sigmund	Opp. & Drive End	Transformer Oil Pump	321
43/102405	D100 LC	GEC Machines	Opp. & Drive End	Ventilation Fan	321

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
(NU2220 E/B/MPAD/P63/SV1.77A)	TMH 2151A	BEM	Drive End	Traction	373
(NU216 E/B/M6/P64/SV1.77A)	TMH 2151A	BEM	Opp. Drive End (Inner)	Traction	373
(QJ313 N2/MPA/C3/SV1.77A)	TMH 2151A	BEM	Opp. Drive End (Outer)	Traction	373
43/34627	EE704/4G	EE Co	Generator End	Motor/Generator	405
43/34630	EE704/4G	EE Co	Motor End	Motor/Generator	405
43/105790	EE507	EE Co	Opp. Comm. End	Traction	405
43/106405	EE507	EE Co	Comm. End	Traction	405
43/106406 (High Capacity Alternative)	EE507	EE Co	Comm. End	Traction	405

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/103075	AF748 H	Woods Fans	Opp. & Drive End	Extractor Fan	412
43/34627	EE704/4G	EE Co	Generator End	Motor/Generator	411-416
43/34630	EE704/4G	EE Co	Motor End	Motor/Generator	411-416
43/34627	EE753/2B	EE Co	Generator End	Motor/Generator	412 Cat
43/34670	EE753/2B	EE Co	Motor End	Motor/Generator	412 Cat
43/34627	EE753/2B	EE Co	Generator End	Motor/Generator	419
43/34670	EE753/2B	EE Co	Motor End	Motor/Generator	419
43/34627	EE704/5H	EE Co	Generator End	Motor/Generator	421-423
43/34630	EE704/5H	EE Co	Motor End	Motor/Generator	421-423
43/34627	EE753/2B	EE Co	Generator End	Motor/Generator	422 Cat
43/34670	EE753/2B	EE Co	Motor End	Motor/Generator	422 Cat
18/18818	EE507	EE Co	Gearwheel End	Sus. Tube (RHP)	421-423
18/18819	EE507	EE Co	Opp. Gearwheel End	Sus. Tube (RHP)	421-423
18/19	EE507	EE Co	Gearwheel End	Sus. Tube (SKF)	421-423
18/20	EE507	EE Co	Opp. Gearwheel End	Sus. Tube (SKF)	421-423
93/871	EE507	EE Co	Gearwheel End	Sus. Tube (Timken)	421-423
93/875	EE507	EE Co	Opp. Gearwheel End	Sus. Tube (Timken)	421-423
43/105790	EE507	EE Co	Opp. Comm. End	Traction	411-423
43/106405	EE507	EE Co	Comm. End	Traction	411-423
43/106406 (High Capacity Alternative)	EE507	EE Co	Comm. End	Traction	411-423
43/	EE707/3N	EE Co	419		

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34627	EE704/5H	EE Co	Generator End	Motor/Generator	432
43/34630	EE704/5H	EE Co	Motor End	Motor/Generator	432
43/34627	EE753/3D	EE Co	Generator End	Motor/Generator	432 Cat
43/34670	EE753/3D	EE Co	Motor End	Motor/Generator	432 Cat
83/2187	EE546/1B	EE Co	Gearwheel End	Suspension Tube (RHP)	432
83/2188	EE546/1B	EE Co	Opp. Gearwheel End	Suspension Tube (RHP)	432
18/22251	EE546/1B	EE Co	Gearwheel End	Suspension Tube (SKF)	432
51/396	EE546/1B	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	432
43/105790	EE546/1B	EE Co	Opp. Comm. End	Traction	432
43/106570	EE546/1B	EE Co	Comm. End	Traction	432
43/106571 (High Capacity Alternative)	EE546/1B	EE Co	Comm. End	Traction	432
43/34627	EE704/5H	EE Co	Generator End	Motor/Generator	438
43/34630	EE704/5H	EE Co	Motor End	Motor/Generator	438

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/3907	WT455D/1	Warsop	Opp. & Drive End	Vestibule Extractor Fan	442
43/3907	WT475A/1	Warsop	Opp. & Drive End	Buffet Boost Extractor Fan	442
43/3907	WT475A/1	Warsop	Opp. & Drive End	Buffet Boost Supply Fan	442
43/3907	WT400/T	Warsop	Opp. & Drive End	Buffet Extractor Fan	442
83/2187	EE546/1B	EE Co	Gearwheel End	Suspension Tube (RHP)	442
83/2188	EE546/1B	EE Co	Opp. Gearwheel End	Suspension Tube (RHP)	442
18/22251	EE546/1B	EE Co	Gearwheel End	Suspension Tube (SKF)	442
51/396	EE546/1B	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	442
43/103080	WM6/1R	Warsop	Opp. & Drive End	Toilet Extractor Fan	442
43/105790	EE546/1B	EE Co	Opp. Comm. End	Traction	442
43/106570	EE546/1B	EE Co	Comm. End	Traction	442
43/106571 (High Capacity Alternative)	EE546/1B	EE Co	Comm. End	Traction	442

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/105930	TAM 2091A MkXII+BAH301	BEM	Alternator End	Motor/Alternator	455
43/106550	TAM 2091A MkXII+BAH301	BEM	Motor End	Motor/Alternator	455
43/106761	G783 BX	GECT	Alternator End	Motor/Alternator	455
43/106762 (High Capacity Alternative)	G783 BX	GECT	Alternator End	Motor/Alternator	455
43/106389	G783 BX	GECT	Motor End	Motor/Alternator	455
43/106391 (High Capacity Alternative)	G783 BX	GECT	Motor End	Motor/Alternator	455
98/5430	EE507/20J	EE Co	Gearwheel End	Suspension Tube (SKF)	455
98/5429	EE507/20J	EE Co	Opp. Gearwheel End	Suspension Tube (SKF)	455
43/105790	EE507/20J	EE Co	Opp. Comm. End	Traction	455
43/106405	EE507/20J	EE Co	Comm. End	Traction	455
43/106406 (High Capacity Alternative)	EE507/20J	EE Co	Comm. End	Traction	455
43/102390	AF2024 E	Woods Fans	Drive End	Ventilation Fan	455
43/102315	AF2024 E	Woods Fans	Opp. Drive End	Ventilation Fan	455

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
	CP30	C.P.	Comm. End	Compressor	485-486
	CP30	C.P.	Opp. Comm. End	Compressor	485-486
	WT54 A	GEC	Comm. End	Traction	485-486
	WT54 A	GEC	Opp. Comm. End	Traction	485-486
	KLL4	Holland	Comm. End	Compressor	487
	KLL4	Holland	Opp. Comm. End	Compressor	487
43/106410	EE500	AEI	Comm. End	Traction	487
43/106411 (High Capacity Alternative)	EE500	EE Co	Comm. End	Traction	487
43/106807	EE500	EE Co	Opp. Comm. End	Traction	487
43/102922	TM 38-34+BCS200T MkIV	BEM	Motor End	Motor/Alternator	488
43/105915	TM 38-34+BCS200T MkIV	BEM	Alternator End	Motor/Alternator	488
43/34627	EE704/5H	EE Co	Generator End	Motor/Generator	492
43/34630	EE704/5H	EE Co	Motor End	Motor/Generator	492

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34627	EE753/1c	EE Co	Generator End	Motor/Generator	504
43/34630	EE753/1C	EE Co	Motor End	Motor/Generator	504
43/102660	JB E10J 46	AEI	Opp. & Drive End	Speedo. Gen.	504
43/105790	EE528/1A	EE Co	Opp. Comm. End	Traction	504
43/106405	EE528/1A	EE Co	Opp. Comm. End	Traction	504
43/106406 (High Capacity Alternative)	EE528/1A	EE Co	Opp. Comm. End	Traction	504
43/34581	3 HC 55 B	Westinghouse	Comm. End	Compressor	507
43/106716	EE776/2A	EE Co	Alternator End	Motor/Alternator	507
43/106717	EE776/2A	EE Co	Alternator End	Motor/Alternator	507
43/102350	D 90 L	GEC Machines	Opp. & Drive End	Resistor Fan	507
93/3097	G310 AZ	GEC	Gearwheel End	Suspension Tube (Timken)	507
93/3098	G310 AZ	GEC	Opp. Gearwheel End	Suspension Tube (Timken)	507
43/106387	G310 AZ	GECT	Comm. End	Traction	507
43/106388 (High Capacity Alternative)	G310 AZ	GECT	Comm. End	Traction	507
43/106807	G310 AZ	GECT	Opp. Comm. End	Traction	507
43/102350	MEVA 90-S4	BBC	Opp. & Drive End	Ventilation Fan	507

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106716	EE776/2A	EE Co	Alternator End	Motor/Alternator	508
43/106717	EE776/2A	EE Co	Alternator End	Motor/Alternator	508
43/102350	D 90 L	GEC Machines	Opp. & Drive End	Resistor Fan	508
93/3097	G310 AZ	GEC	Gearwheel End	Suspension Tube (Timken)	508
93/3098	G310 AZ	GEC	Opp. Gearwheel End	Suspension Tube (Timken)	508
43/106387	G310 AZ	GECT	Comm. End	Traction	508
43/106388 (High Capacity Alternative)	G310 AZ	GECT	Comm. End	Traction	508
43/106807	G310 AZ	GECT	Opp. Comm. End	Traction	508
43/102350	MEVA 90-S4	BBC	Opp. & Drive End	Ventilation Fan	508

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
52/2322	Wolverton WA	BR	Comm. End	Generator	MkI
52/2323	Wolverton WA	BR	Opp. Comm. End	Generator	MkI
43/3410	Wolverton WA	BR	Brush Rocker Gear	Generator	MkI
52/2322	Wolverton WC	BR	Comm. End	Generator	MkI
52/2323	Wolverton WC	BR	Opp. Comm. End	Generator	MkI
43/3410	Wolverton WC	BR	Brush Rocker Gear	Generator	MkI
43/102941	C 40 L	Stones	Slip Ring End	Alternator	MkII ab&c
43/106160	C 40 L	Stones	Slip Ring End	Alternator	MkII ab&c
43/102095	MY 5126	EE Co	Drive End	Condenser Fan	MkII de&f
43/102320	MY 5126	EE Co	Opp. Drive End	Condenser Fan	MkII de&f
43/102315	24J/AF2061	Woods Fans	Opp. Drive End	Condenser Fan	MkII d&f
43/102785	24J/AF2061	Woods Fans	Drive End	Condenser Fan	MkII d&f
43/	24J/AF2245 B	Woods Fans	Opp. Drive End	Condenser Fan	MkII d&f
43/	24J/AF2245 B	Woods Fans	Drive End	Condenser Fan	MkII d&f
43/102305	F7 T (2 Pole)	Normand	Comm. End	Evaporator Fan	MkII d&f
43/102350	F7 T (2 Pole)	Normand	Opp. Comm. End	Evaporator Fan	MkII d&f
43/102922	TM 38-34+BCS200T MkI	BEM	Motor End	Motor/Alternator	MkII d
43/105915	TM 38-34+BCS200T MKI	BEM	Alternator End	Motor/Alternator	MkII d
43/102922	TM 38-34+BCS200T MkII	BEM	Motor End	Motor/Alternator	MkII d&e
43/105915	TM 38-34+BCS200T MkII	BEM	Alternator End	Motor/Alternator	MkII d&e
43/102922	TM 38-34+BCS200T MkIII	BEM	Motor End	Motor/Alternator	MkII f
43/105915	TM 38-34+BCS200T MkIII	BEM	Alternator End	Motor/Alternator	MkII f

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/3938	7 A (24v)	Normand	Opp. & Comm. End	Bottle Cooler	MkII Cat
43/3945	7 A (24v)	Normand	Opp. & Comm. End	Bottle Cooler	MkII Cat
43/102305	F7 T (2 Pole)	Normand	Comm. End	Compressor	MkII Cat
43/102390	F7 T (2 Pole)	Normand	Opp. Comm. End	Compressor	MkII Cat
43/102315	MD 132160	GEC Machines	Comm. End	Compressor	MkII Cat
43/102448	MD 132160	GEC Machines	Opp. Comm. End	Compressor	MkII Cat
43/102305	F7 T (2 Pole)	Normand	Comm. End	Evaporator Fan	MkII Cat
43/102800	F7 T (2 Pole)	Normand	Opp. Comm. End	Evaporator Fan	MkII Cat
43/3945	7 A (24v)	Normand	Opp. & Comm. End	Frigidair Comp.	MkII Cat
43/3938	7 A (24v)	Normand	Opp. & Comm. End	Frigidair Comp.	MkII Cat
43/3925	5 A (24v)	Normand	Opp. & Comm. End	Refrigerator	MkII Cat
43/3015	No 10 (24v)	Stuart Turner	Opp. & Comm. End	Stills Boiler	MkII Cat
43/103075	No 10 (32v)	Stuart Turner	Opp. & Comm. End	Stills Boiler	MkII Cat
43/3900	'H' Type (24v)	Stones	Comm. End	Water Raising Comp.	MkII Cat
43/3925 (Imperial)	5 A (28v)	Normand	Opp. Comm. End	Water Raising Comp.	MkII Cat
43/3938 (Imperial)	5 A (28v)	Normand	Comm. End	Water Raising Comp.	MkII Cat
43/102305 (Metric)	5 A (28v)	Normand	Comm. End	Water Raising Comp.	MkII Cat
43/102275 (Metric)	5 A (28v)	Normand	Opp. Comm. End	Water Raising Pump	MkII Cat

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102210	S 47506 PBF	Fracmo	Opp. & Drive End	Boiler Pump	MkIII LH
43/102315	24J/AF2061	Woods Fans	Opp. Drive End	Condenser Fan	MkIII
43/102785	24J/AF2061	Woods Fans	Drive End	Condenser Fan	MkIII
	19J/AF2061	Woods Fans	Drive End	Condenser Fan	MkIII HST
43/102215	19J/AF2061	Woods Fans	Opp. Drive End	Condenser Fan	MkIII HST
43/102032	DPM 30 F2	SEM	Opp. Drive End	Evaporator Fan	MkIII
43/102305	DPM 30 F2	SEM	Drive End	Evaporator Fan	MkIII
43/102335	7 B	Normand	Opp. & Drive End	Evaporator Fan	MkIII LH
43/102922	TM 38-34+BCS200T MkVII	BEM	Motor End	Motor/Alternator	MkIII LH
43/105915	TM 38-34+BCS200T MKVII	BEM	Alternator End	Motor/Alternator	MkIII LH
43/105930	TAM 2091A MkXII+BAH301	BEM	Alternator End	Motor/Alternator	MkIII Cat
43/106550	TAM 2091A MkXII+BAH301	BEM	Motor End	Motor/Alternator	MkIII Cat
43/105930	TAM 2091A MkXII+BAH301	BEM	Alternator End	Motor/Alternator	MkIII SLE
43/106550	TAM 2091A MkXII+BAH301	BEM	Motor End	Motor/Alternator	MkIII SLE
43/105930	TAM 2091A MkXII+BAH301	BEM	Alternator End	Motor/Alternator	MkIII b
43/106550	TAM 2091A MkXII+BAH301	BEM	Motor End	Motor/Alternator	MkIII b
43/102210	47506 FBF	Fracmo	Opp. & Drive End	Pressure Pump	MkIII SLE
431103075	AF744 G	Woods Fans	Opp. & Drive End	Toilet Vent. Fan	MkIII SLE

BR CAT NO	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
	D80 D	GEC Machines	Opp. & Drive End	Condenser Fan	DVT 125
	D90 SD	GEC Machines	Opp. & Drive End	Evaporator Fan	DVT 125
43/105930	TAM 2091A MkXII+BAH301	BEM	Alternator End	Motor/Alternator	DVT 125
43/106550	TAM 2091A MkXII+BAH301	BEM	Motor End	Motor/Alternator	DVT 125
	D80 D	GEC Machines	Opp. & Drive End	Condenser Fan	DVT IC225
	D90 SD	GEC Machines	Opp. & Drive End	Evaporator Fan	DVT IC225

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/3015	1/4"x3/4"x7/32"	EE 2	SKF	No 10 (24v)	Stuart Turner	Opp. & Comm. End	Stills Boiler	MkII Cat
	Deep Groove Ball	EE 2	FAG	20A	Fracmo	Opp. & Comm. End	Field Divert	26
		KLNJ 1/4 YC	RHP					
		KLNJ 1/4	SNR					
43/3025	1/2"x1.1/8"x1/4"	EE 4	SKF	A 2016809	BEM	Shaft Journal	Load Regulator	31
	Deep Groove Ball	EE 4	FAG	UC 1	"	Select/Cont. Drum	Master Controller	31
		KLNJ 1/2	RHP	UC 2	"	"	"	31
		KLNJ 1/2	SNR					
43/3030	5/8"x1.3/8"x9/32"	EE 5	SKF	UC 1	BEM	Vertical Spindle	Master Controller	31
	Deep Groove Ball	EE 5	FAG	UC 2	BEM	"	"	31
		KLNJ 5/8	RHP					
		KLNJ 5/8	SNR					
43/3045	7/8"x1.7/8"x3/8"	EE 7	SKF	UC 1	BEM	Select/Cont. Drum	Master Controller	31
	Deep Groove Ball	EE 7	FAG	UC 2	"	"	"	31
		KLNJ 7/8	RHP	UC 1	"	Vertical Spindle		31
		KLNJ 7/8	SNR	UC 2	2	"		31
43/3290	3/8"x7/8"x9/32"	KLNJ 3/8 V	RHP		EE Co	Contactor Shaft	Master Controller	08
	Deep Groove Ball Without Cage				"	"	"	09
43/3410	2.1/4"x3.9/16"x5/8"	XLJ 2.1/4	RHP	'Wolverton WA	BR	Brush Rocker Gear	Generator	MkI
	Deep Groove Ball	XLS 2.1/4	FAG	'Wolverton WC	"	"	"	MkI
43/3900	1/2"x1.5/16"x3/8"	RLS 4	SKF	'H' Type (24v)	Stones	Comm. End	Water Rais'g Comp.	MkII Cat
	Deep Groove Ball	RLS 4	STEYR	IK 7DBO/RD2	Klaxon	Opp. Comm. End	Fld Shunt Sequence	31
		LS 5	FAG	"	"	"	"	33
		LJ 1/2	RHP					
		LJ 1/2	SNR					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/3907	1/2"x1.5/16"x3/8"	RLS 4-2Z	SKF	WT400/T	Warsop	Opp. & Drive End	Buffet Ext. Fan	442
	Deep Groove Ball	RLS 4-2Z	STEYR	WT455D/1	"	" " " "	Vestibule Ext. Fan	442
		LS 5-2Z	FAG	WT475A/1	"	" " " "	Buf. Boost Ext. Fan	442
		LJ 1/2-2Z	RHP	WT475A/1	"	" " " "	Buf. Boost Sup. Fan	442
		LJ 1/2-ZZ	SNR	IK 7DBO/RD2	Klaxon	Comm. End	Fld Shunt Sequence	31
				" " "	"	" "	" " "	33
43/3925	5/8"x1.9/16"x7/16"	RLS 5	SKF	DB 7	E. P. E.	Comm. End	Lub Oil Pump	31
	Deep Groove Ball	RLS 5	STEYR	"	"	" "	" " "	43
		LS 7	FAG	F 793	Newton Bros	Opp. Drive End	Wheelslip Dctn.Alt	47
		LJ 5/8	RHP	5 A (24v)	Normand	Opp. & Comm. End	Refrigerator	MkII Cat
		LJ 5/8	SNR	5 A (28v)	"	Opp. Comm. End	Water Rais'g Comp.	MkII Cat
43/3926	5/8"x1.9/16"x7/16"	RLS 5-2Z	SKF	10 TS 3B2	AEI	High Speed Spindle	Tap Changer	86
	Deep Groove Ball	RLS 5-2Z	STEYR	10 TS 4B2	"	" " "	" "	86/1
		LS 7-2Z	FAG					
		LJ 5/8-2Z	RHP					
		LJ 5/8-ZZ	SNR					
43/3927	5/8"x1.9/16"x7/16"	RLS 5-2RS	SKF	10 TS 3B2	AEI	Cam Follower	Tap Changer	86
	Deep Groove Ball	RLS 5-2RS	STEYR	10 TS 4B2	"	" "	" "	86/1
		LS 7-2RS	FAG	11 TS 2B2	"		" "	87
		LJ 5/8-2RS	RHP					
		LJ 5/8-EE	SNR					
43/3938	3/4"x1.7/8"x9/16"	RLS 6	SKF	7 A (24v)	Normand	Opp. & Comm. End	Bottle Cooler	MkII Cat
	Deep Groove Ball	RLS 6	STEYR	" "	"	"	Frigidair Comp.	MkII Cat
		LS 8	FAG	Aerex 23.1/2"	Woods Fans	Opp. Drive End	Radiator Fan	305
		LJ 3/4	RHP	" "	" "	" "	" "	309
		LJ 3/4	SNR	Aerex 15 JTJ	" "	" "	Rectifier Fan	305
				" "	" "	" "	" "	309
				5 A (28v)	Normand	Comm. End	Water Rais'g Comp.	MkII Cat
43/3944	3/4"x1.7/8"x9/16"	RLS 6-Z	SKF	F7 A	Normand	Opp. & Drive End	Heater Fan	314
	Deep Groove Ball	RLS 6 Z	STEYR					
		LS 8-Z	FAG					
		LJ 3/4-Z	RHP					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/3945	3/4"x1.7/8"x9/16"	RLS 6-2Z	SKF	7 A (24v)	Normand	Opp. & Comm. End	Bottle Cooler	Mkll Cat
	Deep Groove Ball	RLS 6-2Z	STEYR	" "	"	" " " "	Frigidair Comp.	Mkll Cat
		LS 8-2Z	FAG					
		LJ 3/4-2Z	RHP					
		LJ 3/4-ZZ	SNR					
43/3991	1.1/4"x2.3/4"x11/16"	RLS 10	SKF	LSG 128/54 Mod 1	Smith-Stone	Opp. Drive End	Speedo. Gen.	08
	Deep Groove Ball	RLS 10	STEYR	" " " " "	" "	" " "	" "	09
		LS 12	FAG					
		LJ 1.1/4	RHP					
		LJ 1.1/4	SNR					
43/3951	7/8"x2"x9/16"	RLS 7	SKF	DB 7	E. P. E.	Opp. Comm. End	Fuel Pump	43
	Deep Groove Ball	RLS 7	STEYR	"	"	" " "	Lub Oil Pump	31
		LS 9	FAG	"	"	" " "	" " "	43
		LJ 7/8	RHP	F 793	Newton Bros	Drive End	Wheelslip Detn.Alt	47
		LJ 7/8	SNR					
43/5253	3/4"x2"x11/16"	RMS 6	SKF	23.1/2	Woods Fans	Drive End	Radiator Fan	305
	Deep Groove Ball	RMS 6	STEYR	"	" "	" "	" "	309
		MS 8	FAG	15 JTJ	" "	" "	Rectifier Fan	305
		MJ 3/4	RHP		" "	" "	" "	309
		MJ 3/4	SNR					
43/5266	7/8"x2.1/4"x11/16"	RMS 7	SKF	EE740/9D	EE Co	Comm. End	T/M Blower	08
	Deep Groove Ball	RMS 7	STEYR	"	"	" "	" "	09
		MS 9	FAG					
		MJ 7/8	RHP					
		MJ 7/8	SNR					
43/5296	1.1/8"x2.13/16"x13/16"	RMS 9	SKF	KOS 3532	AEI	Opp. Drive End	0i1 Pump	81
	Deep Groove Ball	RMS 9	STEYR	" "	"	" " "	" "	85
		MS 11	FAG	" "	"	" " "	" "	86
		MJ 1.1/8	RHP	" "	"	" " "	" "	87
		MJ 1.1/8	SNR	TAM 28-16	BEM	Comm.End	T/M Blower	31

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/5319	1.1/4"x3.1/8"x7/8"	RMS 10	SKF	DY 2413	AEI	Comm. End	Compressor	47
	Deep Groove Ball	RMS 10	STEYR	DY 2820 A	"	" "	Rheostatic Brake	81
		MS 12	FAG	" "	"	" "	" "	85
		MJ 1.1/4	RHP	DVY 2820 A	"	"	" "	86
		MJ 1.1/4	SNR	" "	"	" "	" "	87
43/5332	1.3/8"x3.1/2"x7/8"	RMS 11	SKF	KOS 3532	AEI	Drive End	Oil Pump	81
	Deep Groove Ball	RMS 11	STEYR	" "	"	" "	" "	85
		MS 12.1/2	FAG	" "	"	" "	" "	86
		MJ 1.3/8	RHP	" "	"	" "	" "	87
		MJ 1.3/8	SNR					
43/5351	1.1/2"x3.3/4"x15/16"	RMS 12/C3	SKF	EE766A	EE Co	Opp. Comm. End	Radiator Fan	73
	Deep Groove Ball	RMS 12 C3	STEYR					
		MS 13 C3	FAG					
		MJ 1.1/2 C3	RHP					
		MJ 1.1/2 J30	SNR					
43/5374	1.3/4"x4.1/4"xl.1/16"	RMS 14	SKF	DY 2820 A	AEI	Opp. Comm. End	Rheostatic Brake	81
	Deep Groove Ball	RMS 14	STEYR	" "	"	" " "	" "	85
		MS 14	FAG	DVY 2820 A		" " "	" "	86
		MJ 1.3/4	RHP	" "		" " "	" "	87
		MJ 1.3/4	SNR					
43/5420	2.1/4"x5"x1.1/4"	RMS 18/C3	SKF	EE758/IA	EE Co	Opp. Comm. End	Compressor	37
	Deep Groove Ball	RMS 18 C3	STEYR	Tonum XR 32L	Stones	" " "	Generator	101-128
		MS 16 C3	FAG					
		MJ 2.1/4 C3	RHP					
		MJ 2.1/4 J30	SNR					
43/9805	5/8"x 1 9/1 6"x7/16"	RL 5	SKF	10 TS 3B2	AEI	Slow Shaft	Tap Changer	86
	Deep Groove Ball	RL 5	FAG	10 TS 4B2	"	" "	" "	86/1
		NLJ 5/8	RHP					
		NLJ 5/8	SNR					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/9810	3/4"x1.7/8"x9/16"	RL 6	SKF		EE Co	Reverser Shaft Master Controller		08
	Deep Groove Ball	RL 6	FAG		" "	" " " "	"	09
		NLJ 3/4	RHP					
		NLJ 3/4	SNR					
43/9815	7/8"x2"x9/16"	RL 7	SKF	10 TS 3B2	AEI	Div'r Oper. Sp'dle	Tap Changer	86
	Deep Groove Ball	RL 7	FAG	10 TS 4B2	"	" " "	" "	86/1
		NLJ 7/8	RHP	10 TS 3B2	"	Fast Shaft	" "	86
		NLJ 7/8	SNR	10 TS 4B2	"	" "	" "	86/1
				11 TS 2B2	"	" "	" "	87
				10 TS 3B2	"	Main Oper. Shaft	" "	86
				10 TS 4B2	"	" " "	" "	86/1
				10 TS 3B2	"	Operator	" "	86
				10 TS 4B2	"	"	" "	86/1
				11 TS 2B2	"	"	" "	87
				10 TS 3B2	"	Select. Dr. Shaft	" "	86
				10 TS 4B2	"	" " "	" "	86/1
				11 TS 2B2	"	" " "	" "	87
				11 TS 2B2	"	Select./Genevawheel	" "	87
				11 TS 2B2	"	Slow Shaft	" "	87
43/31220	1/2"xl.5/16"x3/8"	CRL 4	SKF	WT108	GEC	Comm. End	Aux. Compressor	305
	Cylindrical Roller	RLS 5	FAG	"	"	" "	" "	309
		LRJ 1/2	RHP	EE724/2B & 3B	EE Co	" "	" "	302
				" "	"	" "	" "	308
				" "	"	" "	" "	310
43/31226	5/8"x1.9/16"x7/8"	CRL 5	SKF	DB 7	E.P.E	Comm. End	Fuel Pump	31
	Cylindrical Roller	RLS 7	FAG	"	"	" "	" "	43
		LRJ 5/8	RHP					
43/31398	2.1/2"x5"x15/16"	CRL 20A/C3	SKF	VAM 42-16 Mk II	BEM	Opp. Comm. End	Radiator Fan	47
	Cylindrical Roller	NL 20 M6/C3	STEYR					
		RLS 17 C3	FAG					
		LRJ 2.1/2 C3	RHP					
		LRJ 2.1/2 C3	REVOLVO					
		LRJ 2.1/2 J30	SNR					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/32547	1.1/4"x2.3/4"x11/16"	NUL 12 M6/C3	STEYR	AC8B24-2	CAV	Opp. Slip Ring End	Alternator	101-128
	Cylindrical Roller	RL 12 E C3	FAG	AC8B24-6	"	" " "	"	101-128
		LLRJ 1.1/4 C3	RHP	AC8B24-9M	"	" " "	"	101-128
43/32900	7.39"x11.0"x 1.3125"//1.625" Cylindrical Roller	L4441 AVM L4441 AVM	RHP REVOLVO	TM73-68 Mk I	BEM	Opp. Gearwheel End	Sus. Tube (RHP)	31
43/32902	7.395"x11.25"x 1.5625" Cylindrical Roller	L4440 AVM L4440 AV	RHP REVOLVO	TM73-68 Mk I	BEM	Gearwheel End	Sus. Tube (RHP)	31
43/33472	7/8"x2.1/4"x11/16"	CRM 7A	SKF	EE740/9D	EE Co	Opp. Comm. End	T/M Blower	08
	Cylindrical Roller	NM 7 M6	STEYR	" " "	"	" " "	" "	09
		RMS 9	FAG					
		MRJ 7/8	RHP					
		MRJ 7/8	SNR					
43/33632	2.3/4"x6.1/4"xl.3/8"	CRM 22A/C3	SKF	VAM 42-16 Mk II	BEM	Comm End	Radiator Fan	47
	Cylindrical Roller	NM 22 M6/C3	STEYR					
		RMS 18 C3	FAG					
		MRJ 2.3/4 C3	RHP					
		MRJ 2.3/4 C3	REVOLVO					
		MRJ 2.3/4 J30	SNR					
43/34519	1/2"x1.5/8"x5/8"	MMRJ 1/2	RHP	LSG 128/54 Mod 1	Smith-Stone		Speedo. Gen.	08
	Cylindrical Roller			" " " "	" "		" "	09

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34581	1.1/8"x2.13/16"	NM 9 M6/C3	STEYR	3 VC 50	Westinghouse	Comm. End	Compressor	08
	x13/16"	RM 11 E C3	FAG	3 VC 50	"	" "	"	09
	Cylindrical Roller	MMRJ 1.1/8 C3	RHP	3 VC 50 A	"	" "	"	08
				3 VC 50 A	"	" "	"	09
				3 VC 50 A	"	" "	"	31
				3 VC 50 A	"	" "	"	37
				2 EC 38 B	"	" "	"	37
				2 EC 38 B	"	" "	"	47
				3 HC 55	"	" "	"	20
				3 HC 55 B	"	" "	"	314
				3 HC 55 B	"	" "	"	317
				3 HC 55 B	"	" "	"	318
				3 HC 55 B	"	" "	"	319
				3 HC 55 B	"	" "	"	507
				3 VC 75	"	" "	"	37
				3 VC 75	"	" "	"	50
				3 VC 75	"	" "	"	86
				3 VC 75	"	" "	"	87
				EE766A	EE Co	" "	Radiator Fan	73
43/34587	1.1/8"x2.13/16"	NJM 9 M6/C3+HJM 9	STEYR	EE714/7F	EE Co	Comm. End	Exhauster	08
	x1 3/1 6"//1" "	MMRJA 1.1/8 M+	RHP	EE750/24B	"	" "	" "	08
	Cylindrical Roller	HJM 1.1/8 M C3 ELEC		EE750/28P	"	" "	" "	08
				EE750/28P	"	" "	" "	09
				EE750/10G	"	" "	T/M Blower	20
				EE750/26G	"	" "	" "	37
				EE750/38G	"	" "	" "	50
				EE750/30Q	"	" "	" "	73/0
				EE750/37Q	"	" "	" "	73/1
43/34616	1.3/8"x3.1/2"x7/8"	NUM 11 M6/C3	STEYR	EE714/7F	EE Co	Opp. Comm. End	Exhauster	08
	Cylindrical Roller	RM 12.112 EM C3	FAG	EE750/24B	"	" " "	"	08
		MRJ 1.3/8 MB C3	RHP	EE750/28P	"	" " "	"	08
				EE750/28P	"	" " "	"	09
				Tonum XR 32L	Stones	Comm. End	Generator	101-128
				EE750/10G	EE Co	Opp. Comm. End	T/M Blower	20
				EE750/26G	"	" " "	"	37
				EE750/38G	"	" " "	"	50
				EE750/30Q	"	" " "	"	73/0

REVISION 2a
MARCH 1990

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/34626	1.1/2"x3.3/4"x15/16"NUM Cylindrical Roller	12 M6 RM 13 E MMRJ 1.112	STEYR FAG RHP	TAM 28-16	BEM	Opp. Comm. End	T/M Blower	31
43/34627	1.1/2"x3.3/4"x15/16"NUM Cylindrical Roller	12 M6/C3 MMRJ 1.112 MB C3	STEYR RHP	EE704/4G EE704/4G EE704/4G EE704/SH EE704/5H EE704/5H EE704/5H EE753/28 EE753/3D EE753/3D EE753/3D EE753/1C	EE Co “ “ “ “ “ “ “ “ “ “ “	Generator End “	Motor/Generator “	405 411 413-416 421-423 432 438 492 412 419 422 432 504
43/34630	1.1/2"x3.3/4" x1 5/16"//1. 1/8" Cylindrical Roller	NJM 12 M6/C3+HJM 12 MMRJA 1.1/2 M+ HJM 1.1/2 M C3 ELEC	STEYR RHP	EE704/4G EE704/4G EE704/4G EE704/5H EE704/5H EE704/5H EE704/5H EE753/1C	EE Co “ “ “ “ “ “ “	Motor End “ “ “ “ “ “ “	Motor/Generator “ “ “ “ “ “ “	405 411 413-416 421-423 432 438 492 504
43/34658	1.3/4"x4.1/4" x1.1/16"//1.5/16" Cylindrical Roller	NJM 14 M6/C3+HJM 14 MMRJA 1.3/4 M+ HJM 1.3/4 M C3 ELEC	STEYR RHP	EE736/2D	EE Co	Comm. End	Aux. Gen.	08
43/34670	1.7/8"x4.1/2" X1.1/1V//1.5/1V Cylindrical Roller	NJM 15 M6/C4+HJM 15 MMRJA 1.7/8 M+HJM 1.7/8 M C4	STEYR RHP	EE753/2B FF753/3D EE753/3D EE753/3D	EE Co “ “ “	Motor End “ “ “	Motor/Generator “ “ “	412 419 422 Cat 432 Cat
43/34700	2.1/4"x5"x1.1/4" Cylindrical Roller	NUM 18 M6/C3 MMRJ 2.1/4 M C3 ELEC	STEYR RHP	EE736/2D	EE Co	Opp. Comm. End	Aux. Gen.	08

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/38380	4"x 9.1/8"x1.7/8"// 1. 3/4" Alignable Cylindrical Roller	RMSN 21 E RMSN 21 EV3M	RHP REVOLVO	TG160-48+TG-24 TG160-48+BL100-30 TG160-60+TG69-28 TG160-60+BL100-30 TG160-16+TG160-30 +TG69-16 TG160-60+TG69-20 TG172-50+TG69-20 TG172-50+BL100-30	BEM “ “ “ “ “ “ “	Opp. Engine End “ “ “ “ “ “ “ “ “ “ “ “ “ “ “ “ “ “	Main + Aux. Gen. Main Gen + ETH Alt Main + Aux. Gen Main Gen + ETH Alt Main + Aux. Gen. Main + Aux. Gen. Main + Aux. Gen. Main Gen + ETH Alt	31 31 47 47 47 47 47 47
43/39650	4.1/2"x10"x2.1/8"// 211 Alignable Cylindrical Roller	RMSN 22 E C4 RMSN 22 EV3M	RHP REVOLVO	EE819/3C+EE911/2B	EE Co	Opp. Engine End “ “ “ “ “ “	Main + Aux. Gen.	20
43/39690	5"x10.5/8"x2.1/8"// 211 Alignable Cylindrical Roller	RMSN 23 E 1/RMSN 23 EV3M	RHP REVOLVO	EE822/10G+EE911/5C EE822/13G+EE911/5C EE822/15G+EE911/5C EE822/16J+EE911/5C EE822/18J+EE911/5C EE840/4B	EE Co “ “ “ “ “	Opp. Engine End “ “ “ “ “ “ “ “ “ “	Main + Aux. Gen. “ “ “ “ “ “ “ “ “ “	37 37 37 37 37 so
43/47590	230.188x317.5x 47.625 Taper Roller	LM245846/LM245810	TIMKEN	282 AZ & BZ AEI		Opp. Gearwheel End	Sus. Tube (TIMKEN)	86
43/47591	231.775x336.55x 65.088 Taper Roller	M246943/M246910	TIMKEN	282 AZ & BZ AEI		Gearwheel End	Sus. Tube (TIMKEN)	86

BR CAT NO	BEARING SIZE	& TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/100917	100x215x47		1320 M/C3	SKF	EE801/8D	EE Co	Opp. Engine End	Main Gen.	08
	Self-aligning Ball		1320 M/C3	STEYR	EE801/8E	"	" "	"	08
			1320.M.C3	FAG	EE801/10E	"	" "	"	08
			1320 M C3	RHP	EE801/11E	"	" "	"	08
			1320 B C3	REVOLVO	EE801/13E	"	" "	"	08
					EE801/14E	"	" "	"	08
					EE801/10E+EE906/4E	"	" "	Main + Aux. Gen.	08
					EE801/13E+EE906/3D	"	" "	"	08
					EE801/14E+EE906/3D	"	" "	"	08
					EE801ME+EE906/3D	"	" "	"	09
					EE801/14E+EE906/3D	"	" "	"	09
43/102015	200x310x34		16040 M/C4	SKF	G412 AZ	AEI	Opp. Comm. End	Traction	86/1
	Deep Groove	Ball	16040 A/M1/C4/SV1	STEYR	" "	"	" "	"	87
			16040.M.C4	FAG	G412 CY	"	" "	"	90
			16040 M.C4	RHP					
43/102022	10x26x8		6000-2RS	SKF	ADEB 356 NYR3	AEG- T'funk	Opp.& Drive End	Guards Fan Heater	312
	Deep Groove	Ball	6000-2RS	STEYR					
			6000-2RSR	FAG					
			6000-2RS	RHP					
			6000-EE	SNR					
43/102032	12x28x8		6001	SKF	DPM 30 F2	SEM	Opp. Drive End	Evaporator Fan	MkIII
	Deep Groove	Ball	6001	STEYR					
			6001	FAG					
			6001	RHP					
			6001	SNR					
43/102040	15x32x9		6002-Z	SKF	R 47106 TBD	Fracmo	Drive End	Cab Heater Fan	317
	Deep Groove	Ball	6002 Z	STEYR	"	"	" "	"	319
			6002-ZR	FAG	T 47106 TBB	"	Opp. & Drive End	Condenser Fan	56
			6002-Z	RHP	"	"	" " "	"	43
			6002-Z	SNR	"	"	" " "	Evaporator Fan	56
					"	"	" " "	"	43

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102046	17x35x10	6003-Z	SKF	D 71	Woods Fans	Opp. & Drive End	Engine Room Fan	43
	Deep Groove Ball	6003 Z	STEYR					
		6003-ZR	FAG					
		6003-Z	RHP					
		6003-Z	SNR					
43/102095	45x75x16	6009-Z	SKF	MY 5126	EE Co	Drive End	Condenser Fan	MkII de&f
	Deep Groove Ball	6009 Z	STEYR	"	"	"	Resistor Fan	313
		6009-ZR	FAG					
		6009-Z	RHP					
		6009-Z	SNR					
43/102129	150x225x35	6030 M/C4	SKF	G417 AZ	GECT	Opp. Comm. End	Traction	43
	Deep Groove Ball	6030 M1/C4/SV1	STEYR					
		6030.M.C4	FAG					
		6030 M C4	RHP					
43/102187	80x200x48	6416 M/C3	SKF	EE773A	EE Co	Opp. Comm. End	Radiator Fan	50
	Deep Groove Ball	6416 M C3	STEYR					
		6416.M.C3	FAG					
		6416 MB C3	RHP					
		6416 M C3	REVOLVO					
43/102210	10x30x9	6200-Z	SKF	S 47506 PBF	Fracmo	Opp. & Drive End	Boiler Pump	MkIII LH
	Deep Groove Ball	6200 Z	STEYR	R 47106 TBD	"	Opp. Drive End	Cab Heater Fan	317
		6200-ZR	FAG	"	"	"	"	319
		6200-Z	RHP	47506 FBF	"	Opp. & Drive End	Pressure Pump	MkIII SLE
		6200-Z	SNR					
43/102215	10x30x9	6200-2Z	SKF	19J/AF2061	Woods Fans	Opp. Drive End	Condenser Fan	MkIII HST
	Deep Groove Ball	6200-2Z	STEYR					
		6200-2ZR	FAG					
		6200-2Z	RHP					
		6200-ZZ	SNR					

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102220	12x32x10	6201	SKF	MDA 1	EE Co	Opp. & Comm End	Control Camshaft	203-207
	Deep Groove Ball	6201	STEYR					
		6201	FAG					
		6201	RHP					
		6201	SNR					
43/102225	12x32x10	6201-Z	SKF	P 47106 TBB	Fracmo	Opp. & Drive End	Cab Heater Fan	58
	Deep Groove Ball	6201 Z	STEYR					
		6201-ZR	FAG					
		6201-Z	RHP					
		6201-Z	SNR					
43/102250	15x35x11	6202	SKF	TFZ 97900	GECM	Opp. Comm. End	Load Regulator	20
	Deep Groove Ball	6202	STEYR	"	"	"	"	73
		6202	FAG					
		6202	RHP					
		6202	SNR					
43/102255	15x35x11	6202-Z	SKF	TFZ 97900	GECM	Comm. End	Load Regulator	20
	Deep Groove Ball	6202 Z	STEYR	"	"	"	"	73
		6202-ZR	FAG					
		6202-Z	RHP					
		6202-Z	SNR					
43/102268	15x35x11	6202-2RS	SKF	MRE 324 TF BSD128	Brook Mtrs	Opp. & Drive End	Water Pump	58
	Deep Groove Ball	6202-2RS	STEYR	CUA5-A1	BEM	Cont. Shaft Bottom	Master Controller	43
		6202-2RSR	FAG					
		6202-2RS	RHP					
		6202-EE	SNR					

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102275	17x40x12	6203	SKF	TFZ 97920	GECM	Comm. End	Camshaft Control	73
	Deep Groove Ball	6203	STEYR	TFZ 97915	"	" "	Fuel Pump	20
		6203	FAG	"	"	" "	"	37
		6203	RHP	TFZ 97940	"	" "	"	50
		6203	SNR	MD 112130	"	" "	"	47/9
				"	"	" "	"	56
				"	"	" "	"	58
				TFZ 97905	"	" "	"	73
				"	"	" "	"	203-207
				TFZ 97924	"	" "	Lub. Oil Pump	20
				TFZ 97921	"	" "	"	37
				"	"	" "	"	73
				"	"	" "	"	203-207
				5 A (28v)	Normand	Opp. Comm. End	Water Rais'g Pump	MkII Cat
43/102280	17x40x12	6203-Z	SKF	SP.2.27	Normand	Opp. Comm. End	Hyd. Park'g Brake	58
	Deep Groove Ball	6203 Z	STEYR			"	"	86/1
		6203-ZR	FAG			"	"	87
		6203-Z	RHP					
		6203-Z	SNR					
43/102295	17x40x12	6203-RS	SKF	5 A	Normand	Opp.& Comm. End	Engine Compt. Fan	56
	Deep Groove Ball	6203 RS	STEYR					
		6203-RSR	FAG					
		6203-RS	RHP					
		6203-E	SNR					
43/102305	20x47x14	6204	SKF	F7 T (2 Pole)	Normand	Comm. End	Compressor	MkII Cat
	Deep Groove Ball	6204	STEYR	91 If 11	"	"	Evaporator Fan	MkII d&f
		6204	FAG	DPM 30 F2	SEM	Drive End	Evaporator Fan	MkIII
		6204	RHP	MD 132130	GECM	Comm. End	Lub. Oil Pump	47/9
		6204	SNR	"	"	"	"	56
				"	"	"	"	58
				5 A (28v)	Normand	"	Water Rais'G Comp	MkII Cat

REVISION 2a
MARCH 1990

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102315	20x47x14	6204-Z	SKF	MD 132160	GECM	Comm. End	Compressor	MkII Cat
	Deep Groove Ball	6204 Z	STEYR	24J/AF2061	Woods Fans	Opp. Drive End	Condenser Fan	MkII d&f
		6204-ZR	FAG	" "	" "	" "	" "	MkIII
		6204-Z	RHP	F7 A	Normand	Opp. & Comm. End	Extractor Fan	50
		6204-Z	SNR	"	"	" " " "	Heater Fan	314
				AF2024 E	Woods Fans	Opp. Drive End	Ventilation Fan	455
43/102320	20x47x14	6204-2Z	SKF	K8-BP	Tuscan	Opp. Comm. End	Aux. Compressor	86
	Deep Groove Ball	6204-2Z	STEYR		"	" "	"	87
		6204-2ZR	FAG		"	" "	"	306
		6204-2Z	RHP		"	" "	"	307
		6204-ZZ	SNR	K8-BP/D	"	" "	"	312
				"	"	" "	"	313
				"	"	" "	"	314
				"	"	" "	"	315
				"	"	" "	"	317
				"	"	" "	"	319
				MY 5126	EE Co	Opp. Drive End	Condenser Fan	MkII de&f
				" "	"	" "	"	313
43/102330	20x47x14	6204-2RS	SKF	CUA5-A1	BEM	Control Shaft Top	Master Controller	43
	Deep Groove Ball	6204 2RS	STEYR					
		6204-2RSR	FAG					
		6204-2RS	RHP					
		6204-EE	SNR					
43/102335	20x47x14	6204-RS	SKF	D80	Normand	Opp. & Drive End	Condenser Fan	56
	Deep Groove Ball	6204 RS	STEYR	"	"	" "	Evaporator Fan	56
		6204-RSR	FAG	7 B	"	" "	" "	MkIII LH
		6204-RS	RHP	D80	"	" "	Heater Fan	56
		6204-E	SNR	F7 A	"	" "	Waste Heat Fan	314
				"	"	" "	" "	315

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102350	25x52x15	6205	SKF	D90 L	GECM	Opp.& Drive End	Condenser Fan	MkIII SLE
	Deep Groove Ball	6205	STEYR	D90 S	"	"	Evaporator Fan	MkIII SLE
		6205	FAG	F 7T (2 Pole)	Normand	Opp.Comm. End	"	MkII d&f
		6205	RHP	D90 L	GECM	Opp. & Drive End	Resistor Fan	313
		6205	SNR	"	"	"	"	507
				"	"	"	"	508
				D90 SD	"	"	T/M Blower	43
				MEVA90-S4	BBC	"	Ventilation Fan	313
				"	"	"	"	507
				"	"	"	"	508
43/102355	25x52x15	6205/C3	SKF	MT 100L	ASEA	Opp. Drive End	Choke Fan	317/1
	Deep Groove Ball	6205 C3	STEYR	"	"	"	Ventilation Fan	317/1
		6205 C3	FAG					
		6205 C3	RHP					
		6205 J30	SNR					
43/102365	25x52x15	6205-Z	SKF	19KG/F2229 B	Woods Fans	Opp. Drive End	Cooler Group Fan	89
	Deep Groove Ball	6205 Z	STEYR					
		6205-ZR	FAG					
		6205-Z	RHP					
		6205-Z	SNR					
43/102385	25x52x15	6205-2RS	SKF	K8-BP	Tuscan	Comm. End	Aux. Compressor	86
	Deep Groove Ball	6205-2RS	STEYR	"	"	"	"	87
		6205-2RSR	FAG	"	"	"	"	306
		6205-2RS	RHP	"	"	"	"	307
		6205-EE	SNR	K8-BP/D	"	"	"	312
				"	"	"	"	313
				"	"	"	"	314
				"	"	"	"	315
				"	"	"	"	317
				"	"	"	"	319
43/102390	30x62x16	6206	SKF	F7 T (2 Pole)	Normand	Opp. Comm. End	Compressor	MkII Cat
	Deep Groove Ball	6206	STEYR	MD 112130	GECM	"	Fuel Pump	47/9
		6206	FAG	"	"	"	"	56
		6206	RHP	"	"	"	"	58
		6206	SNR	AF2024 E	Woods Fans	Drive End	Ventilation Fan	455

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102405	30x62x16	6206-Z	SKF	19KG/F2229 B	Woods Fans	Drive End	Cooler Group Fan	89
	Deep Groove Ball	6206 Z	STEYR	D100 LC	GECM	Opp. & Drive End	Ventilation Fan	318
		6206-ZR	FAG					
		6206-Z	RHP					
		6206-Z	SNR					
43/102422	30x62x16	6206-RS	SKF	TFZ 97924	GECM	Opp. Comm. End	Lub. Oil Pump	20
	Deep Groove Ball	6206 RS	STEYR	"	"	"	"	37
		6206-RSR	FAG					
		6206-RS	RHP					
		6206-E	SNR					
43/102445	40x80x18	6208	SKF	MD 132130	GECM	Opp. Comm. End	Lub. Oil Pump	47/9
	Deep Groove Ball	6208	STEYR	"	"	"	"	56
		6208	FAG	"	"	"		58
		6208	RHP					
		6208	SNR					
43/102448	40x80x18	6208-Z	SKF	MD 132160	GECM	Opp.Comm. End	Compressor	MkII Cat
	Deep Groove Ball	6208 Z	STEYR					
		6208-ZR	FAG					
		6208-Z	RHP					
		6208-Z	SNR					
43/102460	45x85x19	6209	SKF	T 21-30	BEM	Opp.Drive End	Compressor	47/9
	Deep Groove Ball	6209	STEYR	TAM 28-12 MkIII	"	Comm.End	"	47
		6209	FAG	TAM 28-12 MkIIIA	"	"	"	47
		6209	RHP	TAM 28-12 MkIV	"	"	"	47
		6209	SNR	TAM 28-16 MkIX	"	"	"	47
				TAM 28-16 MkV	"	"	T/M Blower	47
				TAM 28-20 MkII	"	"	"	47
				T 21-30	"	Opp. Drive End	"	56
				TAIM 2041A	"	"	"	60
				D160 LD	GECM	"	"	58
				D180 MD	"	"	"	91

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102469	45x85x19	6209-Z	SKF	ZC256 D	AEI	Opp. Drive End	T/M Blower	86
	Deep Groove Ball	6209 Z	STEYR	"	"	"	"	87
		6209-ZR	FAG	TAM 28-16 MkIII	BEM	Comm. End	Triple Pump	47
		6209-Z	RHP					
		6209-Z	SNR					
43/102480	45x85x19	6209/C3	SKF	C 63 B2	C.P.	Comm. End	Compressor	26
	Deep Groove Ball	6209 C3	STEYR	C 63 B5	"	"	"	33
		6209 C3	FAG	C 63 E7	"	"	"	73
		6209 C3	RHP	C 60 G7	"	"	Exhauster	26
		6209 J30	SNR	C 64 B2	"	"	T/M Blower	26
				C 64 B3	"	"	"	33
				C 63 A1	"	"	Triple Pump	26
				C 63 A4	"	"	"	33
				D180 MR	GECM	Opp. Drive End	Converter Fan	91
43/102520	65x120x23	6213	SKF	TAM 2121A	BEM.	Opp. Drive End	Radiator Fan	60
	Deep Groove Ball	6213	STEYR					
		6213	FAG					
		6213	RHP					
43/102605	20x47x15.88//15.48	LJ 20 WR	RHP	BD 2911-B	AEI	Opp. & Drive End	Aux. Compressor	81
	Deep Groove Ball			"	"	"	"	85
				BD 2911-B (S-B)	"	"	"	304
				TFZ 97920	GECM	Opp. Comm. End	Control Camshaft	73
				TFZ 97915	"	"	Fuel Pump	20
				"	"	"	"	37
				TFZ 97905	"	"	"	73
				"	"	"	"	203-207
				TFZ 97940	"	"	"	50
				TFZ 97921	"	"	Lub. Oil Pump	73
				"	"	"	"	203-207
				BD 2911-B	AEI	Opp. & Drive End	Tap Changer	303
				BD 2911-B (B-B)	"	"	"	81
				" "	"	"	"	85
				" "	"	"	"	311
				BD 2911-B (B-R)	"	"	"	304

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102660	15x35x8	E15	SKF	JB E7F	AEI	Opp. & Drive End	Speedo. Gen.	47
	Magneto Ball	E15	STEYR	JB E7J	"	"	"	304
		E15	RHP	JB E10B 56	"	"	"	47
		E15	SNR	JB E10F	"	"	"	47
				JB E10F 52	"	"	"	31
				JB E10F 56	"	"	"	47
				JB E10J 46	"	"	"	304
				"	"	"	"	504
				JB E10K 46	"	"	"	310
				JB E10M 46	"	"	"	312
43/102770	17x47x14	6303	SKF	AC203	CAV	Slip Ring End	Alternator	101-128
	Deep Groove Ball	6303	STEYR	"	"	"	"	140-144
		6303	FAG	"	"	"	"	150/2
		6303	RHP					
		6303	SNR					
43/102785	20x52x15	6304	SKF	24J/AF2061	Woods Fans	Drive End	Condenser Fan	MkIII
	Deep Groove Ball	6304	STEYR	"	"	"	"	MkII d&f
		6304	FAG	19J/AF2061	"	"	"	MkIII HST
		6304	RHP					
		6304	SNR					
43/102792	20x52x15	6304/C3	SKF	AC8B24-2	CAV	Slip Ring End	Alternator	101-128
	Deep Groove Ball	6304 C3	STEYR	AC8B24-6	"	"	"	101-128
		6304 C3	FAG	AC8B24 9M	"	"	"	101-128
		6304 C3	RHP					
		6304 J30	SNR					
43/102800	25x62x17	6305	SKF	F7 T (2 Pole)	Normand	Opp. Comm. End	Evaporator Fan	MkII Cat
	Deep Groove Ball	6305	STEYR					
		6305	FAG					
		6305	RHP					
		6305	SNR					

APPENDIX A

BR CAT NO	BEARING & TYPE SIZE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102825	30x72x19	6306	SKF	KNXS-B204	AEI	Opp. & Drive End	Radiator Fan	303
	Deep Groove Ball	6306	STEYR	EE100 A	EE Co	"	"	302
		6306	FAG	"	"	"	"	308
		6306	RHP	KNXS-B203D	AEI	"	Rectifier Fan	303
		6306	SNR	KNXS-B204	"	"	"	307
				EE101 A	EE Co	"	"	302
				EE108 A	"	"	"	305
				"	"	"	"	308
43/102826	30x72x19	6306/C3	SKF	MT 100L	ASEA	Drive End	Choke Fan	317/1
	Deep Groove Ball	6306 C3	STEYR	"	"	"	Ventilation Fan	317/1
		6306.C3	FAG	F6050	B.K.B	Comm. End	Rheo. Brake Fan	90
		6306 C3	RHP	"	"	"	"	91
		6306 J30	SNR					
43/102840	35x80x21	6307	SKF	KBNS-B254	AEI	Opp. Drive End	Radiator Fan	81
	Deep Groove Ball	6307	STEYR	"	"	"	"	85
		6307	FAG	"	"	"	Rectifier Fan	81
		6307	RHP	"	"	"	"	85
		6307	SNR	KNS-C256	"	"	T/M Blower	86
				"	"	"	"	87
43/102855	40x90x23	6308	SKF	KNS-B324	AEI	Opp. Drive End	T/M Blower	81
	Deep Groove Ball	6308	STEYR	"	"	"	"	85
		6308	FAG	EE102 A	EE Co	"	Oil Pump	302
		6308	RHP	"	"	"	"	305
		6308	SNR	"	"	"	"	308
43/102856	40x90x23	6308/C3	SKF	AC1424-1	CAV	Slip Ring End	Alternator	101-128
	Deep Groove Ball	6308 C3	STEYR	AC1424-3M	"	"	"	101-128
		6308 C3	FAG	AC1424-Y3	"	"	"	101-128
		6308 C3	RHP	AC1424-4M	"	"	"	101-128
		6308 330	SNR	F6050	B.K.B	Comm.End	Rheo. Brake Fan	90
				"	"	"	"	91

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102861	40x90x23	6308-Z/C3	SKF	SOA200/110R	Stones	Opp. Slip Ring End	Alternator	155
	Deep Groove Ball	6308 Z C3	STEYR	"	"	"	"	156
		6308-ZR C3	FAG					
		6308-Z C3	RHP					
		6308-Z J30	SNR					
43/102880	45x100x25	6309	SKF	ZD 160 LD	GECM	Opp. & Drive End	Choke Fan	81
	Deep Groove Ball	6309	STEYR	"	"	"	"	85
		6309	FAG	KNS-C256	AEI	Drive End	T/M Blower	86
		6309	RHP	"	"	"	"	87
			SNR	KNS-B324	"	"	"	81
				"	"	"	"	85
				D 160 LD	GECM	Opp. & Drive End	"	58
43/102890	45x100x25	6309-Z	SKF	ZC 256 D	AEI	Drive End	T/M Blower	86
	Deep Groove Ball	6309 Z	STEYR	"	"	"	"	87
		6309-ZR	FAG					
		6309-Z	RHP					
		6309-Z	SNR					
43/102895	45x100x25	6309/C3	SKF	C 71 A1	C.P.	Comm. End	Radiator Fan	26
	Deep Groove Ball	6309 C3	STEYR	8 KSI 07-14	Alsthom	Opp. Drive End	Alternator	158
		6309 C3	FAG					
		6309 C3	RHP					
		6309 J30	SNR					
43/102915	50x110x27	6310	SKF	EE755/1A	EE Co	Opp. Comm. End	Exhauster	20
	Deep Groove Ball	6310	STEYR	D 180 MD	GECM	Drive End	T/M Blower	91
		6310	FAG	WT632	GEC	Motor End	Motor/Generator	307
		6310	RHP					
		6310	SNR					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/102922	50x110x27	6310/C3	SKF	Tonum XR 30LC	Stones	Opp. Comm. End	Generator	101-128
	Deep Groove Ball	6310 C3	STEYR	TM 38-34+BCS200T MkI	BEM	Motor End	Motor/Alternator	MkII d
		6310 C3	FAG	TM 38-34+BCS200T MkII	"	"	"	MkII d&e
		6310 C3	RHP	TM 38-34+BCS200T MkIII	"	"	"	MkII f
		6310 J30	SNR	TM 38-34+BCS200T MkVII	"	"	"	MkIII LH
				TM 38-34+BCS200T MkIV	"	"	"	488
				D 180 MR	GECM	Drive End	Converter Fan	91
43/102925	50x110x27	6310 M/C3	SKF	EE749/3B	EE Co	Opp. Comm. End	Brake Fan	50
	Deep Groove Ball	6310 M1/C3	STEYR					
		6310 M C3	FAG					
		6310 M C3	RHP					
43/102941	55x120x29	6311/C3	SKF	C 40 L	Stones	Slip Ring End	Alternator	MkII
	Deep Groove Ball	6311 C3	STEYR					
		6311.C3	FAG					
		6311 C3	RHP					
		6311 J30	SNR					
43/102955	55x120x29	6311 M/C3	SKF	EE773A	EE Co	Comm. End	Radiator Fan	50
	Deep Groove Ball	6311 M1/C3	STEYR					
		6311.M.C3	FAG					
		6311 M C3	RHP					
43/102980	70x150x35	6314/C3	SKF	SOA200/110R	Stones	Opp. Drive End	Alternator G'box	155
	Deep Groove Ball	6314/C3	STEYR	"	"	"	"	156
		6314.C3	FAG					
		6314 C3	RHP					
43/103001	80x170x39	6316/C3	SKF	TAM 2121A	BEM	Drive End	Radiator Fan	60
	Deep Groove Ball	6316 C3	STEYR					
		6316 C3	FAG					
		6316 C3	RHP					
		6316 C3	REVOLVO					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/103008	90x190x43	6318 M/C3	SKF	TM68-46	BEM	Opp, Comm, End	Traction	43
	Deep Groove Ball	6318 M1/C3/SV1	STEYR	"	"	"	"	43
		6318.M.C3	FAG					
		6318 M C3	RHP					
43/103045	9x26x8	629-Z	SKF	SP.2.27	Normand	Comm. End	Hyd. Park'g Brake	58
	Deep Groove Ball	629 Z	STEYR	"	"	"	"	86/1
		629-ZR	FAG	"	"	"	"	87
		629-ZY	RHP	HM 5DB2/RD2	Klaxon	Opp. Comm. End	Field Shunt	08
		629-Z	SNR					
43/103050	9x26x8	629-2Z	SKF	HM 5DB2/RD2	Klaxon	Comm. End	Field Shunt	08
	Deep Groove Ball	629 2Z	STEYR					
		629-2Z	FAG					
		629-2Z	RHP					
		629-ZZ	SNR					
43/103070	8x22x7	608	SKF	CC 4.25	Woods Fans	Opp. & Drive End	Cab Vent Fan	87
	Deep Groove Ball	608	STEYR	"	"	" " "	" " "	312
		608	FAG					
		608Y	RHP					
		608	SNR					
43/103075	8x22x7	608-Z	SKF	AF748 H	Woods Fans	Opp. & Drive End	Extractor Fan	410
	Deep Groove Ball	608 Z	STEYR	No 10 (32v)	St't Turner	Opp. & Comm. End	Stills Boiler	MkII Cat
		608-ZR	FAG	AF744	Woods Fans	"	Toilet Vent Fan	317
		608-ZY	RHP	"	"	"	"	319
		608-Z	SNR	AF744 G	"	"	"	MkIII SLE
43/103080	8x22x7	608-2Z	SKF	WM6/1R	Warsop	Opp. & Drive End	Toilet Ext. Fan	442
	Deep Groove Ball	608-2Z	STEYR					
		608-2ZR	FAG					
		608-2ZY	RHP					
		608-ZZ	SNR					

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/105105	110x215x42/38	172NU222 + S222	RHP	EE824/5D+EE908/3C	EE Co	Opp. Engine End	Main + Aux. Gen.	7311
	Alignable	172NU222 + S222	REVOLVO	EE824/2C+EE906/2C	"	"	"	203-207
	Cylindrical Roller			EE824/4C+EE906/2C	"	"	"	203-207
43/105175	55x130x46	22312 CCK/C4+AHX2312	SKF	C171 A1	C.P	Comm. End	Traction	26
	Spherical Roller +	22312 CK/MB/C4+AHX2312	STEYR	C171 C2	"	"	"	33
	Withdrawal Sleeve	22312 K.C4+AHX2312	RHP					
43/105310	100x200x53	22222 CC/C3W33	SKF	EE50617C	EE Co	Comm & Opp Comm End	Traction	08
	Spherical Roller	22222 C/MB/C3/SV20	STEYR	(Internal Shaft)				
		22222 W33 C3	RHP	EE506/10C	"	"	"	09
				(Internal Shaft)				
43/105719	110x170x28	NU1022 M/C4VA301	SKF	TM68-46	BEM	Comm. End	Traction	43
	Cylindrical Roller	NU1022 B/M/C4/SV1	STEYR					
		NU1022.M.C4.F1	FAG					
		NU1022 MT C4	RHP					
43/105721	130x200x33	NU1026 M/C4VA301	SKF	G417 AZ	GECT	Comm. End	Traction	43
	Cylindrical Roller	NU1026 B/M/C4/SV1	STEYR					
		NU1026.M.C4.F1	FAG					
		NU1026 MT C4	RHP					
43/105735	160x240x38	NU1032 M/C4VA301	SKF	G412 AZ	AEI	Comm. End	Traction	86/1
	Cylindrical Roller	NU1032 B1M/C4/SV1	STEYR	"	"	"	"	87
		NU1032.M1.C4.F1	FAG	G412 CY	GECT	"	"	90
		NU1032 MT C4	RHP	TMH 2201 A	BEM	Opp.Drive End	"	89
43/105771	45x120x29	NU409 C3	SKF	AC1424-1	CAV	Opp. Slip Ring End	Alternator	101-128
	Cylindrical Roller	NU409 C3	STEYR	AC1424-3M	"	"	"	101-128
		NU409 C3	FAG	AC1424-Y3	"	"	"	101-128
		NU409 C3	RHP	AC1424-4M	"	"	"	101-128
		NU409 J30	SNR					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/105790	100x250x58	NU420 M/C4VA301	SKF	EE507	EE Co	Opp. Comm. End	Traction	203-207
	Cylindrical Roller	NU420 B/M/C4/SV1	STEYR	"	"	"	"	411-423
		NU420.M.C4.Fl	FAG	"	"	"	"	405
		NU420 MT C4	RHP	EE507/20J	"	"	"	455
				EE528/1A	"	"	"	504
				EE536A	"	"	"	302
				"	"	"	"	308
				EES46A	"	"	"	310
				EE546/7F	"	"	"	312
				EE546/1B	"	"	"	432
				EE542A	"	"	"	73/0
				EE546/1B	"	"	"	73/1
43/105805	105x260x60	NU421 M/C4VA301	SKF	WT344	GEC	Opp. Comm. End	Traction	307
	Cylindrical Roller	NU421 B/M/C4/SV1	STEYR	WT380	"	"	"	305
		NU421.M.C4.Fl	FAG					
		NU421 MT C4	RHP					
43/105820	120x310x72	NU424 M/C4VA301	SKF	EE526/5D	EE Co	Opp. Comm. End	Traction	20
	Cylindrical Roller	NU424 B/M/C4/SV1	STEYR	EE526/8D	"	"	"	20
		NU424.M.C4.F1	FAG					
		NU424 MT C4	RHP					
43/105850	65x160x37/48	NJ413 M/C4VA301+HJ413/VA301	SKF	WT344	GEC	Comm. End	Traction	307
	Cylindrical Roller	NJ413 B/M/C4/SV1+HJ413 SV1	STEYR	WT380	"	"	"	305
		NJ413.M.C4.F1+HJ413.F1	FAG					
		NH413 MT C4	RHP					
43/105860	80x200x48/61	NJ416 M/C4VA301+HJ416/VA301	SKF	282 AZ	AEI	Comm. End	Traction	86/0
	Cylindrical Roller	NJ416 B/M/C4/SV1+HJ416 SV1	STEYR	"	"	"	"	86/2
		NJ416.M.C4.F1+HJ416.F1	FAG	"	"	"	"	86/3
		NH416 MT C4	RHP	282 BZ	"	"	"	86/4

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/105915	55x100x21	N211	SKF	TM 38-34+BCS200T	BEM	Alternator End	Motor/Alternator	MkII d
	Cylindrical Roller	N211	STEYR	MkI				
		N211	FAG	TM 38-34+BCS200T	"	"	"	MkII die
		N211	RHP	MkII				
				TM 38-34+BCS200T	"	"	"	MkII f
				MkIII				
				TM 3B-34+BCS200T	"	"	"	MkIII LH
				MkVII				
				TM 38-34+BCS200T	"	"	"	488
				MkIV				
43/105930	65x120x23	N213	SKF	TAM 2091A MkXII	BEM	Alternator End	Motor/Alternator	455
	Cylindrical Roller	N213	STEYR	+BAH301				
		N213	FAG	"	"	"	"	MkIII b
		N213	RHP	"	"	"	"	MkIII Cat
				"	"	"	"	MkIII SLE
				"	"	"	"	DVT 125
43/106145	50x90x20	NU210 C3	SKF	C 60 G7	C.P.	Opp. Comm. End	Exhauster	26
	Cylindrical Roller	NU210 C3	STEYR	C 64 B2	"	"	T/M Blower	26
		NU210 C3	FAG	C 64 B3	"	"	"	33
		NU210 C3	RHP	C 63 A1	"	"	Triple Pump	26
				C 63 A4	"	"	"	33
43/106155	55x100x21	NU211	SKF	225 R	Mawdsley's	Comm. End	Compressor	89
	Cylindrical Roller	NU211	STEYR	"	"	"	"	91
		NU211	FAG					
		NU211	RHP					
		NU211	SNR					
43/106160	55x100x21	NU211 C3	SKF	C 40 L	Stones	Slip Ring End	Alternator	MkII
	Cylindrical Roller	NU211 C3	STEYR					
		NU211 C3	FAG					
		NU211 C3	RHP					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106315	30x72x19	N306	SKF	LSG 128/54 Mod 1	Smith-Stone	Drive End	Speedo. Gen.	08
	Cylindrical Roller	N306	STEYR	"	"	"	"	09
		N306	FAG					
		N306	RHP					
43/106317	30x72x19	N306 C3	SKF	AC203	CAV	Opp. Slip Ring End	Alternator	101-128
	Cylindrical Roller	N306 C3	STEYR	"	"	"	"	140-144
		N306 C3	FAG	"	"	"	"	150
		N306 C3	RHP	LSG 128/54 Mod 1	Smith Stone	Drive End	Speedo Generator	08
		N306 C3	REVOLVO	"	"	"	"	09
43/106325	35x80x21	N307 M	SKF	KBNS-B254	AEI	Drive End	Radiator Fan	81
	Cylindrical Roller	N307 M	STEYR	"	"	"	"	85
		N307.M	FAG	"	"	" "	Rectifier Fan	81
		N307 M	RHP	"	"	"	"	85
		N307 M	REVOLVO					
43/106335	40x90x23	N308 M/C3	SKF	EE749/3B	EE Co	Comm. End	Brake Fan	50
	Cylindrical Roller	N308 M/C3	STEYR					
		N308.M.C3	FAG					
		N308 M C3	RHP					
		N308 M C3	REVOLVO					
43/106345	50x110x27	N310	SKF	TAM 29-32 MkI	BEM	Comm. End	Compressor	313
	Cylindrical Roller	N310	STEYR	EE755/1A	EE Co	"	Exhauster	20
		N310	FAG					
		N310	RHP					
		N310	SNR					
43/106381	55x120x29/38	ES2/NH311 EMT C3	RHP	EE776/1A	EE Co	Motor End	Motor/Alternator	313
	Cylindrical Roller			EE776/2A	"	"	"	507
	(Insulated Outer)			"	"	"	"	508

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO MACHINE MAKE		BEARING POSITION	MACHINE USE	CLASS
43/106387	60x130x31/40	NJ312 M/C4VA301+HJ312/VA301	SKF	G310 AZ	GECT	Comm. End	Traction	313
	Cylindrical Roller	NJ312 B/M/C4/SV1+HJ312 SV1	STEYR	"	"	"	"	314
		NJ312.M.C4.F1+HJ312.F1	FAG	"	"	"	"	315
		NH312 MT C4	RHP	"	"	"	"	507
				"	"	"	"	508
				TM61-53	BEM	"	"	314
For High Capacity Alternative		See 43/106388		"	"	"	"	315
43/106388	60x130x31/40	NJ312ECM/C4VA301+HJ312EC/VA301	SKF	G310 AZ	GECT	Comm. End	Traction	313
	Cylindrical Roller	NJ312 E/B/M2/C4/SV1+HJ312 E/SV1	STEYR	"	"	"	"	314
		NJ312.E.M1.C4.F1+HJ312.E.F1	FAG	"	"	"	"	315
		NH312 EMT C4	RHP	"	"	"	"	507
				"	"	"	"	508
				TM61-53	BEM	"	"	314
				"	"	"	"	315
43/106389	60x130x31/40	NJ312 M/C3VA301+HJ312/VA301	SKF	G783 BX	GECT	Motor End	Motor/Alternator	455
	Cylindrical Roller	NJ312 B/M/C3/SV1+HJ312 SV1	STEYR	G783 BV	"	"	"	319
		NJ312.M.C3.F1+HJ312.F1	FAG					
		NH312 MT C3	RHP					
For High	Capacity Alternative	See 43/106391						
43/106391	60x130x31/40	NJ312ECM/C3VA301+HJ312EC/VA301	SKF	G783 BX	GECT	Motor End	Motor/Alternator	455
	Cylindrical Roller	NJ312 E/B/M2/C3/SVl+HJ312 E/SV1	STEYR	G783 BV	"	"	"	319
		NJ312.E.M1.C3.F1+HJ312.E.F1	FAG					
		NH312 EMT C3	RHP					
43/106395	70x150x35/45	NJ314 M/C4VA301+HJ314VA301	SKF	148	AEI	Comm. End	Traction	303
	Cylindrical Roller	NJ314 B/M/C4/SV1+HJ314 SV1	STEYR	148 B	"	"	"	304
		NJ314.M.C4.F1+HJ314.F1	FAG	148 AZ	"	"	"	311
		NH314 MT C4	RHP	TM64-68 Mk 1	BEM	"	"	47
				TM64-68 Mk 1A	"	"	"	47
				TM 2141B	"	"	"	318
				TM 2141B	"	"	"	320
				TM 2141B	"	"	"	321
				EE506/7C(Armature)	EE Co	"	"	08
For High	Capacity Alternatives	See 43/106396		EE506/10C(Armature)	"	"	"	09

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106396	70x150x35/45	NJ314ECM/C4VA301+HJ314EC/VA301	SKF	148	AEI	Comm. End	Traction	303
	Cylindrical Roller	NJ314 E/B/M2/C4/SV1+HJ314 E/SV1	STEYR	148 B	"	"	"	304
		NJ314.E.M1.C4.F1+HJ314.E.F1	FAG	148 AZ	"	"	"	311
		NH314 EMT C4	RHP	TM64-68 Mk 1	BEM	"	"	47
				TM64-68 Mk 1A	"	"	"	47
				TM 2141B	"	"	"	318
				TM 2141B	"	"	"	320
				TM 2141B	"	"	"	321
				G315 BZ	GECT	"	"	317
				G315 BZ	"	"	"	319
				EE506/7C(Armature)	EE Co	"	"	08
				EE506/10C(Armature)	"	"	"	09
43/106397	70x150x35/45	NJ314 E/B/M2/C4/SV1.77A		G315 BZ	AEI	Comm. End	Traction	317
	Cylindrical Roller (Insulated Outer)	+HJ314 F/SV1.77A	STEYR	G315 BZ	"	"	"	319
43/106400	75x160x37/48	NJ315 M/C4VA301+HJ315VA301	SKF	WT401	GEC	Comm. End	Traction	309
	Cylindrical Roller	NJ315 B/M/C4/SV1+HJ315 SV1	STEYR					
		NJ315.M.C4.F1+HJ315.F1	FAG					
		NH315 MT C4	RHP					
For High Capacity Alternative		See 43/106401						
43/106401	75x160x37/48	NJ315 ECM/C4VA301+HJ315EC/VA301	SKF	WT401	GEC	Comm. End	Traction	309
	Cylindrical Roller	NJ315 E/B/M2/C4/SV1+HJ315 E/SV1	STEYR					
		NJ315.E.M1.C4.F1+HJ315.E.F1	FAG					
		NH315 EMT C4	RHP					
43/106405	80x170x39/50	NJ316 M/C4VA301+HJ316VA301	SKF	EE507	EE Co	Comm. End	Traction	203-207
	Cylindrical Roller	NJ316 B/M/C4/SV1+HJ316 SV1	STEYR	"	"	"	"	405
		NJ316.M.C4.F1+HJ316.F1	FAG	"	"	"	"	411-423
		NH316 MT C4	RHP	EE507/20J	"	"	"	455
				EE528/1A	"	"	"	504
				EE536A	"	"	"	302
				"	"	"	"	308
				EE538A	"	"	"	37
				EE538/5A	"	"	"	37
				"	"	"	"	50
For High Capacity Alternative		See 43/106406		EE542A	"	"	"	73/0

REVISION 2a
MARCH 1990

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106406	80x170x39/50	NJ316ECM/C4VA301+HJ316EC/VA301	SKF	EE507	EE Co	Comm. End	Traction	203-207
	Cylindrical Roller	NJ316 E/B/M2/C4/SV1+HJ316 E/SV1	STEYR	"	"	"	"	405
		NJ316.E.M.C4.F1+HJ316.E.F1	FAG	"	"	"	"	411-423
		NH316 EMT C4	RHP	EE507/20J	"	"	"	455
				EE528/1A	"	"	"	504
				EE536A	"	"	"	302
				"	"	"	"	308
				EE538A	"	"	"	37
				EE538/SA	"	"	"	37
				"	"	"	"	50
				EE542A	"	"	"	73/0
43/106410	85x180x41/53	NJ317 M/C4VA301+HJ317VA301	SKF	C171 C2 (Mod)	C.P	Comm. End	Traction	33
	Cylindrical Roller	NJ317 B/M/C4/SV1+HJ317 SV1	STEYR	TM73-68 Mk 1	BEM	"	"	31
		NJ317.M.C4.F1+HJ317.F1	FAG	TM73-62	"	"	"	56
		NH317 MT C4	RHP	"	"	"	"	58
				TM2161A	"	"	"	60
				EE526/5D	EE Co	"	"	20
				EE526/8D	"	"	"	20
				189 AZ	AEI	"	"	81
				"	"	"	"	85
For High Capacity Alternative		See 43/106411		EE500	EE Co	"	"	487
43/106411	85x180x41/53	NJ317ECM/C4VA301+HJ317EC/VA301	SKF	C171 C2 (Mod)	C.P	Comm. End	Traction	33
	Cylindrical Roller	NJ317 E/B/M2/C4/SV1+HJ317 E/SV1	STEYR	TM73-68 Mk 1	BEM	"	"	31
		NJ317.E.M.C4.F1+HJ317.E.F1	FAG	TM73-62	"	"	"	56
		NH317 EMT C4	RHP	"	"	"	"	58
				TM2161A	"	"	"	60
				EES26/5D	EE Co	"	"	20
				EE526/8D	"	"	"	20
				189 AZ	AEI	"	"	81
				"	"	"	"	85
				EE500	EE Co	"	"	487
43/106428	110x240x50/64	NJ322 M/C3VA301+ HJ322/VA301	SKF	EE915/1B+EE911/5C	EE Co	Comm. End	ETH + Aux. Gen.	50
	Cylindrical Roller	NJ322 B/M/C3/SV1+HJ317 SV1	STEYR					
		NJ322.M.C3.F1 + HJ322.F1	FAG					
		NH322 MT C3	RHP					

REVISION 2a
MARCH 1990

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106434	50x110x27	NU310/C3	SKF	C 71 Al	C.P	Opp. Comm. End	Radiator Fan	26
	Cylindrical Roller	NU310 C3	STEYR	T 21-30	BEM	Drive End	T/M Blower	47/9
		NU310.C3	FAG	"	"	"		56
		NU310 C3	RHP	TAIM 2041A	"	"		60
		NU310 J30	SNR					
43/106435	50x110x27	N310 M/C3	SKF	EE758/1A	EE Co	Comm. End	Compressor	37
	Cylindrical Roller	N310 M/C3	STEYR	SOA200/110R	Stones	Drive End	Alternator G'box	155
		N310.M.C3	FAG	"	"	"		156
		N310 M C3	RHP					
43/106480	50x110x27/35	NJ310 M+HJ310	SKF	EE736/4E	EE Co	Comm. End	Aux.Gen.	08
	Cylindrical Roller	NJ310 M+HJ310	STEYR					
		NJ310.M+HJ310	FAG					
		NH310 M	RHP					
43/106550	50x110x27	NUP310/C3	SKF	TAM 2091A MkXII	BEM	Motor End	Motor/Alternator	455
	Cylindrical Roller	NUP310 C3	STEYR	+BAH301	"	"	"	
		NUP310.C3	FAG		"	"	"	MkIII b
		NUP310 C3	RHP		"	"	"	MkIII Cat
					"	"	"	MkIII SLE
43/106570	80x170x39	NUP316 M/C4VA301	SKF	EE546A	EE Co	Comm. End	Traction	310
	Cylindrical Roller	NUP316 B/M/C4/SV1	STEYR	EE546/1B	"	"	"	73/1
		NUP316.M.C4.F1	FAG	"	"	"	"	432
		NUP316 MT C4	RHP	EES46/7F	"	"	"	312
For High Capacity Alternative		See 43/106571						
43/106571	80x170x39	NUP316 ECM/C4VA301	SKF	EE546A	EE Co	Comm. End	Traction	310
	Cylindrical Roller	NUP316 E/B/M2/C4/SV1	STEYR	EE546/1B	"	"		73/1
		NUP316.E.M.C4.F1	FAG	"	"	"		432
		NUP316 EMT C4	RHP	EE546/7F	"	"		312
43/106660	30x72x19	NU306	SKF	Tonum XR 30LC	Stones	Comm. End	Generator	101-128
	Cylindrical Roller	NU306	STEYR					
		NU306	FAG					
		NU306	RHP					

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106663	30x72x19	NU306/C3	SKF	SOA200/110R	Stones	Slip Ring End	Alternator	155
	Cylindrical Roller	NU306 C3	STEYR	"	"	"	"	156
		NU306 C3	FAG					
		NU306 C3	RHP					
43/106670	40x90x23	NU308	SKF	C 63 B2	C.P	Opp. Comm. End	Compressor	26
	Cylindrical Roller	NU308	STEYR	C 63 B5	"	"	"	33
		NU308	FAG	C 63 E7	"	"	"	73
		NU308	RHP					
43/106677	40x90x23	NU308/C3	SKF	TAM 28-12 MkIII	BEM	Opp. Comm. End	Compressor	47
	Cylindrical Roller	NU308 C3	STEYR	TAM 28-12 MkIIIA	"	"	"	47
		NU308 C3	FAG	TAM 28-12 MkIV	"	"	"	47
		NU308 C3	RHP	TAM 28-16 MkIX	"	"	"	47
43/106690	50x110x27	NU310	SKF	TO 24	BEM	Opp. Drive End	Compressor	56
	Cylindrical Roller	NU310	STEYR	"	"	"	"	43
		NU310	FAG	TAM 28-20 MkII		Opp. Comm. End	T/M Blower	47
		NU310	RHP	TAM 28-16 MkV		"	"	47
		NU310	SNR	TAM 28-16 MkIII		"	Triple Pump	47
				WT632	GEC	Generator End	Motor/Generator	307
43/106716	55x120x29	NU311 ECM/C3VA301	SKF	EE765A	EE Co	Generator End	Motor/Generator	73
	Cylindrical Roller	NU311 EIB/M2/C3/SV1	STEYR	8 KSI 07-14	Alsthom	Drive End	Alternator	158
		NU311.E.M.C3.F1	FAG					
		NU311 EMT C3	RHP					
43/106717	55x120x29/38	NJ311ECM/C3VA301+HJ311 EC/VA301	SKF	EE765A	EE Co	Generator End	Motor/Generator	73
	Cylindrical Roller	NJ311 E/B/M2/C3/W+HJ311	E/SV1 STEYR					
		NJ311.E.M.C3.F1+H3311.E.F1	FAG					
		NH311 EMT C3	RHP					
43/106718	55x120x29	ES2/NU311 EMT C3	RHP	EE776/1A	EE Co	Alternator End	Motor/Alternator	313
	Cylindrical Roller			EE776/2A	"	"	"	507
	(Insulated Outer)			"	"	"	"	508

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106745	75x160x37	NU315 M	SKF	EE736/4E	EE Co	Opp. Comm. End	Aux. Gen.	08
	Cylindrical Roller	NU315 M	STEYR					
		NU315.M	FAG					
		NU315 M	RHP					
		NU315 M	REVOLVO					
43/106761	80x170x39	NU316 M/C3VA301	SKF	G783 BX	GECT	Alternator End	Motor/Alternator	455
	Cylindrical Roller	NU316 B/M/C3/SV1	STEYR	G783 BV	"	"	"	319
		NU316.M.C3.F1	FAG					
		NU316 MT C3	RHP					
43/106762	80x170x39	NU316 ECM/C3VA301	SKF	G783 BX	GECT	Alternator End	Motor/Alternator	455
	Cylindrical Roller	NU316 E/B/M2/C3/SV1	STEYR	G783 BV	"	"	"	319
		NU316.E.M.C3.F1	FAG					
		NU316 EMT C3	RHP					
For High	Capacity Alternative	See 43/106761						
43/106770	85x180x41	NU317 M/C4VA301	SKF	EE506/7C(Armature)	EE Co	Opp. Comm. End	Traction	08
	Cylindrical Roller	NU317 B/M/C4/SV1	STEYR	EE506/10C(Armature)	"	"	"	09
		NU31 7. M. C4. F1	FAG					
		NU317 MT C4	RHP					
For High	Capacity Alternative	See 43/106771						
43/106771	85x180x41	NU317 ECM/C4VA301	SKF	EE506/7C(Armature)	EE Co	Opp. Comm. End	Traction	08
	Cylindrical Roller	NU317 E/B/M2/C4/SV1	STEYR	EE506/10C(Armature)	"	"	"	09
		NU317.E.M.C4.F1	FAG					
		NU317 EMT C4	RHP					
43/106807	100x215x47	NU320 ECM/C4VA301	SKF	G310 AZ	GECT	Opp. Comm. End	Traction	313
	Cylindrical Roller	NU320 E/B/M2/C4/SV1	STEYR	"	"	"	"	314
		NU320.E.M1.C4.F1	FAG	"	"	"	"	315
		NU320 EMT C4	RHP	"	"	"	"	507
				"	"	"	"	508
				TM61-53	BEM	"	"	314
				"	"	"	"	315
				EE500	EE Co	"	"	487

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106830	110x240x50 Cylindrical Roller	NU322 M/C3VA301	SKF	EE915/1B+EE911/5C	EE Co	Opp. Comm. End	ETH + Aux. Gen	50
		NU322 B/M/C3/SV1	STEYR					
		NU322.M.C3.F1	FAG					
		NU322 MT C3	RHP					
43/106840	110x240x50 Cylindrical Roller	NU322 ECM/C4VA301	SKF	W1401	GEC	Opp. Comm. End	Traction	309
		NU322 E/B/M2/C4/SV1	STEYR					
		NU322.E.M1.C4.F1	FAG					
		NU322 EMT C4	RHP					
43/106855	120x260x55 Cylindrical Roller	NU324 M/C4VA301	SKF	CG391 Bl+CAG391 Al +CAG193 Al	C.P	Opp. Engine End	Main+Aux.+ETH Gen.	33
		NU324 B/M/C4/SV1	STEYR					
		NU324.M.C4.F1	FAG	BA1101A/BAE504 +BAA602A/BAE503	BEM	"	Main Alt+Exciter	56
		NU324 M1 C4	RHP	BA1101A/BAE504 +BAA602A/BAE503	"	"	Main Alt+Exciter	58
				BA1001B/BAE501B +BAH601B/BAE502B	"	"	Main Alt+Exciter	43
				BA1006A+BAA702A	"	"	Main + Aux. Alt.	60
				148	AEI	Opp. Comm. End	Traction	303
				148 B	"	"	"	304
				148 AZ	"	"	"	311
				TM 2141B	BEM	"	"	318
				TM 2141B	BEM	"	"	320
For High Capacity Alternative		See 43/106856		TM 2141B	"	"	"	321

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106856	120x260x55	NU324 ECM/C4VA301	SKF	CG391 B1+CAG391 A1	C.P	Opp. Engine End	Main+Aux.+ETH Gen.	33
	Cylindrical Roller	NU324 E/B/M2/C4/SV1	STEYR	+CAG193 A1				
		NU324.E.M.C4.F1	FAG	BA1005A/BAE508A +BAH701A/BAE508B	BEM	"	Main+Aux.Alt.+Exc.	37
				BA1005A/BAE508A +BAA606A/BAE508B	"	"	Main+Aux.Alt.+Exc.	37
				G564AZ/G658AZ +G659AZ/G658BY	GECT	"	Main+Aux.Alt.+Exc.	37
				BA1101A/BAE504 +BAA602A/BAE503	BEM	"	Main+Aux.Alt.+Exc.	56
				BA1101A/BAE504 +BAA602A/BAE503	"	"	Main+Aux.Alt.+Exc.	58
				BA1001B/BAE501B +BAH601B/BAE502B	"	"	Main+ETH Alt.+Exc.	43
				BA1006A+BAA702A	"	"	Main + Aux. Alt.	60
				148	AEI	Opp. Comm. End	Traction	303
				148 B	"	"	"	304
				148 AZ	"	"	"	311
				G315 BZ	GECT	"		317
				G315 8Z	"	"		319
				TM 2141B	BEM	"		318
				TM 2141B	"	"		320
				TM 2141B	"	"		321
43/106857	120x260x55	NU324 E/B/M2/C4/SV1.77A	STEYR	G315 BZ	GECT	Opp. Comm. End	Traction	317
	Cylindrical Roller (Insulated Outer)			G315 BZ	"	"	"	319
43/106870	130x280x58	NU326 ECM/C4VA301	SKF	EE538A	EE Co	Opp. Comm. End	Traction	37
	Cylindrical Roller	NU326 E/B/M2/C4/SV1	STEYR	EE538/5A	"	"	"	37
		NU326.E.M.C4.F1	FAG	"	"	"	"	50
		NU326 EMT C4	RHP	TM73-68 Mk 1	BEM	"	"	31
				TM64-68 Mk 1	"	"	"	47
				TM64-68 Mk 1A	"	"	"	47
				TM73-62	"	"	"	56
				"	"	"	"	58
				TM2161A		"	"	60
				C171 C2	C.P	"	"	33

REVISION 2a
MARCH 1990

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
43/106875	130x280x58	NU326 M/C4VA301	SKF	TM73-68 Mk 1	BEM	Opp. Comm. End	Traction	31
	Cylindrical Roller	NU326 B/M/C4/SV1	STEYR	TM64-68 Mk 1	"	"	"	47
		NU326.M.C4.F1	FAG	TM64-68 Mk 1A	"	"	"	47
		NU326 MT C4	RHP	TM73-62	"	"	"	56
				"	"	"	"	58
				TM2161A	"	"	"	60
For High	Capacity Alternative	See 43/106870		C171 C2	C.P	"	"	33
43/106895	130x280x58	NU328 M/C4VA301	SKF	189 AZ	AEI	Opp. Comm. End	Traction	81
	Cylindrical Roller	NU328 B/M/C4/SV1	STEYR	"	"	"	"	82
		NU328.M.C4.F1	FAG	"	"	"	"	85
		NU328 MT C4	RHP					
For High	Capacity Alternative	See 43/106896						
43/106896	130x280x58	NU328 ECM/C4VA301	SKF	189 AZ	AEI	Opp. Comm. End	Traction	81
	Cylindrical Roller	NU328 E/B/M2/C4/SV1	STEYR	"	"	"	"	82
		NU328.E.M.C4.F1	FAG	"	"	"	"	85
		NU328 EMT C4	RHP					
43/106900	150x320x65	NU330 M/C4VA301	SKF	282 AZ	AEI	Opp. Comm. End	Traction	86/0
	Cylindrical Roller	NU330 B/M/C4/SV1	STEYR	"	"	"	"	86/2
		NU330.M.C4.F1	FAG	"	"	"	"	86/3
		NU330 MT C4	RHP	282 BZ	"	"	"	86/4
For High	Capacity Alternative	See 43/106901						
43/106901	150x320x65	NU330 ECM/C4VA301	SKF	282 AZ	AEI	Opp. Comm. End	Traction	86/0
	Cylindrical Roller	NU330 E/B/M2/C4/SV1	STEYR	"	"	"	"	86/2
		NU330.E.M.C4.F1	FAG	"	"	"	"	86/3
		NU330 EMT C4	RHP	282 BZ	"	"	"	86/4

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
18/19	191.255x290x46 Cylindrical Roller	NU1038/191.255 MA/C4	SKF	EE507	EE Co	Gearwheel End	Sus. Tube (SKF)	411-423
18/20	190.5x290x46 Deep Groove Ball	408997	SKF	EE507	EE Co	Opp. Gearwheel End	Sus. Tube (SKF)	411-423
18/18818	7.53"x11.0"xl.75" Cylindrical Roller	L5724 VM L5724 VM	RHP REVOLVO	EE507	EE Co	Gearwheel End	Sus. Tube (RHP)	411-423
18/18819	7.5"x11.0"x1.3125" Cylindrical Roller	L5725 VM L5725 VM	RHP REVOLVO	EE507	EE Co	Opp. Gearwheel End	Sus. Tube (RHP)	411-423
18/22251	200.9x310x51 Cylindrical Roller	408876 B	SKF	EE538A	EE Co	Gearwheel End	Sus. Tube(SKF)	37
				EE546/1B	"	"	" (SKF)	432
				EE546/1B	"	"	" (SKF)	442
23/5013	216.408x285.75x 46.038 Taper Roller	K-LM 742747/K-LM 742710 LM 742747/LM 742710	SKF TIMKEN	G315 BZ	GECT	Opp. Gearwheel End	Sus. Tube (SKF)	317
				G315 BZ	"	"	(SKF)	319
				TM 2141B	BEM	"	(SKF)	318
				TM 2141B	"		(SKF)	320
				TM 2141B	"		(SKF)	321
23/5014	216.713x285.75x 46.038 Taper Roller	K-LM 742747A/K-LM 742710 LM 742747A/LM 742710	SKF TIMKEN	G315 BZ	GECT	Gearwheel End	Sus. Tube (SKF)	317
				G315 BZ	"	"	" (SKF)	319
				TM 2141B	BEM	"	" (SKF)	318
				TM 2141B	"	"	" (SKF)	320
				TM 2141B	"	"	" (SKF)	321
51/396	200.9x310x82 Spherical Roller	409089 C	SKF	EE538A	EE Co	Opp. Gearwheel End	Sus. Tube (SKF)	37
				EE546/1B	"	"	" (SKF)	432
				EE546/1B	"	"	" (SKF)	442

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
51/3244	200.812x292.1x 57.945 Taper Roller	M 241545/M 241510	TIMKEN	EE538A	EE Co	Gearwheel End	Sus. Tube (TIMKEN)	37
51/3245	200.025x292.1x 57.945 Taper Roller	M 241542/M 241510	TIMKEN	EE538A	EE Co	Opp. Gearwheel End	Sus. Tube (TIMKEN)	37
51/85398	220.138x340x90 Spherical Roller	23044/220.138 CC/C3W33	SKF	EE538/5A	EE Co	Opp. Gearwheel End	Sus. Tube (SKF)	50
51/85399	221x320x45 Cylindrical Roller	413585	SKF	EE538/SA	EE Co	Gearwheel End	Sus. Tube (SKF)	50
51/85401	220.116x317.5x 47.625 Taper Roller	K-LM 245832/K-LM 245810 LM 245832/LM 245810	SKF TIMKEN	EE538/5A EE53815A	EE Co “	Opp. Gearwheel End “	Sus. Tube (BR) “ (TIMKEN)	37 50
51/85402	220.878x317.5x 47.625 Taper Roller	K-LM 245833/K-LM 245810 LM 245833/LM 245810	SKF TIMKEN	EE53815A EE538/5A	EE Co “	Gearwheel End “	Sus. Tube (BR) “ (TIMKEN)	37 50
52/2322	1.7/8" Taper 15.81x 5"x1. 1/4" Self Aligning Ball	1/TNMJ 1.7/8 C4 1/TNMJ 1.7/8 C4	RHP REVOLVO	Wolverton WA Wolverton WC	BR “	Opp. Comm. End “	Generator “	Mkl Mkl
52/2323	1.7/8" Taper 15.81x 3. 3/4"x1 5/16" Self Aligning Ball	BJA 005 1/TNMJ 1.3/16 C4	RHP REVOLVO	Wolverton WA Wolverton WC	BR “	Comm. End “	Generator “	Mkl Mkl
61/28761	187.63x279.4x 52.388 Taper Roller	M 239441/M 239410	TIMKEN	TM 64-68 Mkl	BEM	Opp. Gearwheel End	Sus. Tube (TIMKEN)	47

REVISION 2a
MARCH 1990

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
61/28762	187.757x279.4x 53.975 Taper Roller	M 239442/M 239410	TIMKEN	TM 64-68 MkI	BEM	Gearwheel End	Sus. Tube (TIMKEN)	47
61/31964	8.9037"x12.375"x 1 625"//2. 0" Cylindrical Roller	L5631 VM L5631 VM 59.918.46 M	RHP REVOLVO STEYR	TM 64-68 MkI " "	BEM "	Gearwheel End "	Sus. Tube (RHP) " (BR)	47 47
61/31965	8.8987"x12.25"x 1. 375"//1 .938" Cylindrical Roller	L5632 VM L5632 59.917.46 M	RHP REVOLVO STEYR	TM 64-68 MkI "	BEM "	Opp. Gearwheel End "	Sus. Tube (RHP) " (BR)	47 47
61/41879	7.395"x11.25"x 1.563" Cylindrical Roller	L5452 VM L5452 VM	RHP REVOLVO	TM 64-68 MkI	BEM	Gearwheel End	Sus. Tube (RHP)	47
61/41880	7.39"x11.0"x 1.3125" Cylindrical Roller	L4441 VM L4441 VM	RHP REVOLVO	TM 64-68 MkI	BEM	Opp. Gearwheel End	Sus. Tube (RHP)	47
61/41882	225x320x45 Spherical Roller	411058	SKF	TM 64-68 MkI "	BEM "	Opp. Gearwheel End "	Sus. Tube (SKF) " (BR)	47 47
61/41883	226x320x45 Cylindrical Roller	412506 C W1/RNU 1045.2 59.916.46 M	SKF REVOLVO STEYR	TM 64-68 MkI "	BEM "	Gearwheel End "	Sus. Tube (SKF) " (BR)	47 47
72/1007	17x47x25.1 Cylindrical Roller	RNU306 RNU306 RNU306	SKF STEYR FAG	001.612.002 001.612.004 "	Bosch " "	Drive Shaft Outer " "	Starter " "	43 37 56
				"	"	"	"	58

REVISION 2a
MARCH 1990

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
72/1008	55x90x11 Deep Groove Ball	16011 16011 16011 A	SKF STEYR FAG	001.612.002 001.612.004 “ “	Bosch “ “ “	Opp. Comm. End “ “ “	Starter “ “ “	43 37 56 58
72/1013	Needle Roller	F 59131	INA	001.612.002 001.612.004 “ “	Bosch “ “ “	Drive Shaft Outer “ “ “	Starter “ “ “	43 37 56 58
72/1027	Special Deep Groove Ball	2.000.900.012	Bosch	001.612.002 001.612.004 “ “	Bosch “ “ “	Opp. Comm. End “ “ “	Starter “ “ “	43 37 56 58
72/2319	230.188x317.5x 47.625 Taper Roller	K-LM 245848/K-LM 245810 LM 245848/LM 245810	SKF TIMKEN	TM73-62 “ “	BEM “ “	Opp. Gearwheel End “ “	Sus. Tube (TIMKEN) “ (SKF) “ (SKF)	56 56 58
72/3990	231.775x317.5x 47.625 Taper Roller	K-LM 245846/K-LM 245810 LM 245846/LM 245810	SKF TIMKEN	TM73-62 “ “	BEM “ “	Gearwheel End “ “	Sus. Tube (TIMKEN) “ (SKF) “ (SKF)	56 56 58
83/2187	7.9"x12.0"xl.75" Cylindrical Roller	L5833 VM L5833 VM	RHP REVOLVO	EE546/1B “ “	EE Co “ “	Gearwheel End “ “	Sus. Tube (RHP) “ (RHP) “ (RHP)	73/1 432 442
83/2188	7.875"x11.375"x 1.4375" Cylindrical Roller	L5834 VIM L5834 VM	RHP REVOLVO	EE546/1B “ “	EE Co “ “	Opp. Gearwheel End “ “	Sus. Tube (RHP) “ (RHP) “ (RHP)	73/1 432 442
90/905	320.675x406.4x 50.8 Taper Roller	1 558548/L 558510	TIMKEN	189 AZ “	AEI “	Opp. Gearwheel End “	Quill Drive “	81 85

APPENDIX A

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
901906	323.85x422.275x 58.738 Taper Roller	LM 558548/L 558510	TIMKEN	189 AZ	AU	Opp. Gearwheel End	Quill Drive	81 85
90/9695	16x35x11//12.29 Deep Groove Ball	N4768 AV2	RHP	10 TS 3B2 11 TS 2B2	AEI “	Opp. & Drive End “	Tap Changer “	86 87
93/871	191.237x279.4x 53.975 Taper Roller	K-M 239448A/K-M 239410 M 239448A/M 239410	SKF TIMKEN	EE542A EE507 WT 401	EE Co “ “	Gearwheel End “ “	Sus. Tube (TIMKEN) “ (TIMKEN) “ (TIMKEN)	73/0 411-423 309
93/875	190.475x279.4x 52.388 Taper Roller	K-M 239449/K-M 239410 M 239449/M 239410	SKF TIMKEN	EE542A EE507 WT 401	EE Co “ “	Opp. Gearwheel End “ “	Sus. Tube (TIMKEN) “ (TIMKEN) “ (TIMKEN)	73/0 411-423 309
93/877	220x320x45 Cylindrical Roller	411468 C	SKF	EE546A EE546/7F	EE Co “	Gearwheel End “	Sus. Tube (SKF) “ (SKF)	310 312
93/878	218.966x300x60 Spherical Roller	239441218.966 CC/C3W33	SKF	EE546A EE54617F	EE Co “	Opp. Gearwheel End “	Sus. Tube (SKF) “ (SKF)	310 312
93/70184				KOS 30 16 “ KOS 3022 “ “ “	AEI “ “ “ “ “	Drive End “ “ “ “ “	0i1 Pump “ “ “ “ “	303 304 305 307 309 310

REVISION 2a
MARCH 1990

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE		CLASS
93/70185				KOS 3016	AEI	Opp. Drive End	Oil Pump		303
				"	"	"	"		304
				KOS 3022	"	"	"		305
				"	"	"	"		307
				"	"	"	"		309
				"	"	"	"		310
98/3097	179.934x265.112x 51.595 Taper Roller	K-M 336949/K-M 336912 M 336949/M 336912	SKF TIMKEN	G310 AZ	GECT	Opp. Gearwheel End	Sus. Tube	(TIMKEN)	313
				"	"	"	"	(TIMKEN)	314
				"	"	"	"	(SKF)	314
				"	"	"	"	(TIMKEN)	315
				"	"	"	"	(TIMKEN)	507
				"	"	"	"	(TIMKEN)	508
				TM 61-53 MkIII	BEM	"	"	(TIMKEN)	314
				"	"	"	"	(SKF)	315
98/3098	178.595x265.112x 51.595 Taper Roller	K-M 336948/K-M 336912 M 336948/M 336912	SKF TIMKEN	G310 AZ	GECT	Gearwheel End	Sus. Tube	(TIMKEN)	313
				"	"	"	"	(TIMKEN)	314
				"	"	"	"	(SKF)	314
				"	"	"	"	(TIMKEN)	315
				"	"	"	"	(TIMKEN)	507
				"	"	"	"	(TIMKEN)	508
				TM 61-53 MkIII	BEM	"	"	(TIMKEN)	314
				"	"	"	"	(SKF)	315
98/5429	200x276.225x 42.662 Taper Roller	K-LM 241147/K-LM 241110	SKF	EE507/20J	EE Co	Opp. Gearwheel End	Sus. Tube	(SKF)	455
98/5430	200x276.225x 42.662 Taper Roller	K-LM 241148/K-LM 241110	SKF	EE507/20J	EE Co	Gearwheel End	Sus. Tube	(SKF)	455

BR CAT NO	BEARING SIZE & TYPE	MANUFACTURERS PART NO	MANUFACTURER	MACHINE TYPE NO	MACHINE MAKE	BEARING POSITION	MACHINE USE	CLASS
	200x280x38 Deep Groove Ball	61940 M/C4 61940 M/C4 6194O.M.C4 61940 M.C4	SKF STEYR FAG RHP	TMH 2201A	BEM	Opp. Comm. End	Traction	89
	200x280x38 Deep Groove Ball	61940 M/C4 61940 M/C4 61940.M.C4 61940 M.C4	SKF STEYR FAG RHP	TMH 2201A	BEM	Opp. Comm. End	Traction	89
	100x180x46 Cylindrical Roller (Insulated Outer)	NU2220 E/B/MPAD/P63/SV1.77	STEYR	TMH 2151A	BEM	Drive End	Traction	373
	80x140x26 Cylindrical Roller (Insulated Outer)	NU216 E/B/M6/P64/SV1.77A	STEYR	TMH 2151A	BEM	Opp. Drive End (Inner)	Traction	373
	65x140x33 Four-Point Contact Ball (Insulated Outer)	QJ313 N2/MPA/C3/SV.77A	STEYR	TMH 2151A	BEM	Opp. Drive End (Outer)	Traction	373
	130x280x58 Deep Groove Ball	6326 M/C4 6326 M/C4 6326.M.C4 6326 M.C4	SKF STEYR FAG RHP	G426 BZ	GECT	Comm. End	Traction	91
	150x270x45 Cylindrical Roller	NU230 ECM/C4VA301 NU230 E/B/M2/C4/SV1 NU230.E.M.C4.Fl NU230 EM1 C4	SKF STEYR FAG RHP	G426 BZ	GECT	Opp. Comm. End	Traction	91
	40x110x27 Cylindrical Roller	NU408 NU408 NU408 NU408	SKF STEYR FAG RHP	ED27A 2CC	Newman	Opp.Drive End	Compressor	143