

Zf 9s1110td Hino Spare Parts Catalog

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Spare Parts Catalog

9 S 1110 TD
HINO MOTORS LTD.

Material number: 1324.002.033



| Pos. | Information | Amendment number |
|------|-----------------------------------|------------------|
| 001 | Use case ----- | |
| 002 | Customer Hino Motors Ltd. | |
| 003 | City Hino | |
| 004 | DUNS 69-053-6503 | |
| 005 | Vehicle / Apparatus ----- | |
| 006 | Sales Name FM8J | |
| 007 | Manufacturer Hino Motors Ltd. | |
| 008 | Engineering Name | |
| 009 | Product Use TRUCK | |
| 010 | Vehicle/Hardware Type DUMPER | |
| 011 | SOP | |
| 012 | Engine | |
| 013 | Sales Designation J80E-TI | |
| 014 | Manufacturer Hino Motors Ltd. | |
| 015 | Drivetrain type DIESEL | |
| 016 | Eng.Displ. cm3 | |
| 017 | Cylinder | |
| 018 | Nom. power 191 kW | |
| 019 | RPM at nom. power 2500 1/min | |
| 020 | Nom. torque 745 Nm | |
| 021 | RPM at nom. torque 1500 1/min | |
| 022 | Classification use case ----- | |
| 023 | DESIGNATION, CLUTCH 380 | |
| 024 | MANUFACTURER, CLUTCH EXEDY | |
| 025 | TOTAL NUMBER OF GEARS 6 | |
| 026 | NUMBER OF DRIVING GEARS 4 | |
| 027 | DYNAMIC TYRE RADIUS 520 mm | |
| 028 | REAR AXLE RATIO 5,2 | |
| 030 | INERTIA TORQUE ,064 kg/m2 | |
| 032 | PERMISS.GROSS VEHICLE WEIGHT 40 t | |



| Pos. | Information | Amendment number |
|------|--|------------------|
| 034 | APPROVAL NOTE 1 FIRST FITTING CHECK CARR.OUT | |
| 035 | APPLICATION OF THE PRODUCT INDONESIEN | |
| 037 | Use case ----- | |
| 038 | Customer Hino Motors Ltd. | |
| 039 | City Hino | |
| 040 | DUNS 69-053-6503 | |
| 041 | Vehicle / Apparatus ----- | |
| 042 | Sales Name FL8J | |
| 043 | Manufacturer Hino Motors Ltd. | |
| 044 | Engineering Name | |
| 045 | Product Use TRUCK | |
| 046 | Vehicle/Hardware Type TRANSPORTER | |
| 047 | SOP | |
| 048 | Engine | |
| 049 | Sales Designation J80E-TI | |
| 050 | Manufacturer Hino Motors Ltd. | |
| 051 | Drivetrain type DIESEL | |
| 052 | Eng.Displ. cm3 | |
| 053 | Cylinder | |
| 054 | Nom. power 191 kW | |
| 055 | RPM at nom. power 2500 1/min | |
| 056 | Nom. torque 745 Nm | |
| 057 | RPM at nom. torque 1500 1/min | |
| 058 | Classification use case ----- | |
| 059 | DESIGNATION, CLUTCH 380 | |
| 060 | MANUFACTURER, CLUTCH EXEDY | |
| 061 | TOTAL NUMBER OF GEARS 6 | |
| 062 | NUMBER OF DRIVING GEARS 2 | |
| 063 | DYNAMIC TYRE RADIUS 523 mm | |
| 064 | REAR AXLE RATIO 4,625 | |



| Pos. | Information | Amendment number |
|------|--|------------------|
| 066 | INERTIA TORQUE ,064 kg/m2 | |
| 068 | PERMISS.GROSS VEHICLE WEIGHT 40 t | |
| 070 | APPROVAL NOTE 1 FIRST FITTING CHECK CARR.OUT | |
| 071 | APPLICATION OF THE PRODUCT THAILAND | |
| 073 | Use case ----- | |
| 074 | Customer Hino Motors Ltd. | |
| 075 | City Hino | |
| 076 | DUNS 69-053-6503 | |
| 077 | Vehicle / Apparatus ----- | |
| 078 | Sales Name FM8J | |
| 079 | Manufacturer Hino Motors Ltd. | |
| 080 | Engineering Name | |
| 081 | Product Use TRUCK | |
| 082 | Vehicle/Hardware Type ROAD TRACTOR | |
| 083 | SOP | |
| 084 | Engine | |
| 085 | Sales Designation J80E-TI | |
| 086 | Manufacturer Hino Motors Ltd. | |
| 087 | Drivetrain type DIESEL | |
| 088 | Eng.Displ. cm3 | |
| 089 | Cylinder | |
| 090 | Nom. power 191 kW | |
| 091 | RPM at nom. power 2500 1/min | |
| 092 | Nom. torque 745 Nm | |
| 093 | RPM at nom. torque 1500 1/min | |
| 094 | Classification use case ----- | |
| 095 | DESIGNATION, CLUTCH 380 | |
| 096 | MANUFACTURER, CLUTCH EXEDY | |
| 097 | TOTAL NUMBER OF GEARS 6 | |
| 098 | NUMBER OF DRIVING GEARS 4 | |



| Pos. | Information | Amendment number |
|------|---|------------------|
| 099 | DYNAMIC TYRE RADIUS 523 mm | |
| 100 | REAR AXLE RATIO 4,875 | |
| 102 | INERTIA TORQUE ,064 kg/m2 | |
| 104 | PERMISS.GROSS VEHICLE WEIGHT 45 t | |
| 106 | APPROVAL NOTE 1 FIRST FITTING CHECK CARR.OUT | |
| 107 | APPLICATION OF THE PRODUCT THAILAND | |
| 109 | Product description ----- | |
| 110 | INSTALLATION POS TRANSMISSION HORIZONTAL LEFT | |
| 111 | TRANSMISSION ATTACHMENT FLANGE-MOUNTED | |
| 112 | RATIO, BOTTOM GEAR 12,73 | |
| 113 | RATIO, TOP GEAR 1 | |
| 114 | SET OF RATIOS TD | |
| 115 | RATIO, 1ST GEAR 12,73 | |
| 116 | RATIO, 2ND GEAR 8,83 | |
| 117 | RATIO, 3RD GEAR 6,28 | |
| 118 | RATIO, 4TH GEAR 4,64 | |
| 119 | RATIO, 5TH GEAR 3,48 | |
| 120 | RATIO, 6TH GEAR 2,54 | |
| 121 | RATIO, 7TH GEAR 1,81 | |
| 122 | RATIO, 8TH GEAR 1,34 | |
| 123 | RATIO, 9TH GEAR 1 | |
| 124 | RATIO, 1ST GEAR REVERSE 12,04 | |
| 125 | UEBERSETZUNG PLANETENSATZ 3,48 | |
| 126 | NUMBER OF PLANETARY GEARS 4 | |
| 127 | DESIGN, SHIFT SYSTEM TURNING SHAFT | |
| 128 | POSITION, GEAR SHIFT SYSTEM HORIZONTAL RIGHT | |
| 131 | AUSFUEHRUNG ROHR GP PLASTIC PIPING | |
| 134 | DESIGN, SEPARATING CLUTCH FULL-SYNCHRONIZED | |
| 135 | REFERENCE LENGTH INPUT SHAFT 305 mm | |
| 136 | STANDARD TYPE INPUT SHAFT SAE | |



| Pos. | Information | Amendment number |
|------|--|------------------|
| 137 | NUMBER OF WEDGES INPUT SHAFT 10 | |
| 138 | VERSION OF INPUT SHAFT FORM C | |
| 139 | DIAMETER, JOURNAL, INPUT SHAFT 20 mm | |
| 140 | NOMINAL DIAMETER INPUT SHAFT 1,75 in | |
| 141 | TYPE FIT SPIGOTS INPUT SHAFT F7 | |
| 142 | DIAMETER SHAFT OF INPUT SHAFT 44 mm | |
| 143 | BUSH VARIANT INPUT SHAFT WITHOUT GROOVE | |
| 151 | DIAMETER, RELEASE FLANGE 57 mm | |
| 152 | DICHTKAPPE AUSTRUECKLAGERFL y | |
| 153 | TYPE FIT RELEASE BEARING FLA. E8 | |
| 154 | DESIGN BEARING OUTPUT STANDARD SUSPENSION | |
| 156 | OUTER DIA. OUTPUT FLANGE RA 226 mm | |
| 158 | NO.OF BORES OUTPUT FLANGE HA1 6 | |
| 159 | BORE DIA. OUTPUT FLANGE RA 12 mm | |
| 161 | REF. LENGTH OUTPUT FLANGE RA 204,5 mm | |
| 164 | DIMENSION SHIFT TURRET DIST. 248 mm | |
| 165 | MEAS. LOC. SHIFT TURRET DIST. SHIFT LEVER-LOCATION | |
| 188 | SPRING ARRANGEMENT Q2 | |
| 189 | NORMENART HOHLFLANSCH HEXAGON SCREW | |
| 190 | TOOLING SET OF SPRINGS W307 | |
| 192 | SPRING FORCE,GEAR DETENT NG+GG 200 N | |
| 195 | SELECTION PATTERN VARIANT GEAR SHIFT PATTERN 1 | |
| 196 | UEBERSETZUNG MECH.TACHOANTR. 1,545 | |
| 197 | SCHUTZKAPPE MECH.TACHOANTRIEB y | |
| 198 | SWITCH, REVERSE GEAR y | |
| 199 | DESIGN, RG (REV.GEAR) SWITCH CLOSING | |
| 200 | NOTE ON SWITCH, REVERSE GEAR GEAR SHIFT RAIL | |
| 201 | PROT. CAP SWITCH, REVERSE GEAR y | |
| 202 | DESIGN, CONNECTION, RG SWITCH DIN BAYONET | |
| 204 | SWITCH, NEUTRAL GEAR y | |