

Spare Parts Catalog 2 HL 250

Material number: 4143.020.222

Current date: 26.05.2022

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Notes relating to the spare parts catalog



Setup of the spare parts catalog

- Cover sheet
- Tecnical Cover (only in SDM print)
- Overview of figures
- Figure
- Associated parts list
- Next figure
- Associated parts list

- ..

Figure and parts list



Overview of figures

| Bildtafel Figure | Sachnummer Product number | Benennung (Description) | Technische Info Technical info | Description (Benennung) | Menge Quantity | Einheit Unit |
|---------------------|------------------------------|----------------------------|-----------------------------------|----------------------------|-------------------|-----------------|
| 068.08.17 | 1316.170.001 | AUSLEGER | WL | SHIFT TURRET | 1 | Stk |
| 068.08.06 | 1316.170.031 | DECKEL | WL*H-H *VM | COVER | 1 | Stk |
| 0680814 | 1316.170.808 | DECKEL | WL*AUSL+GEH*H-H*HF160N | COVER | 1 | Stk |
| 08 | 1316.170.441 | ANSCHLUSSTEILE | WL*NG-VORB*RG-SCHL*168N *BAJONETT | CONNECTING PARTS | 1 | Stk |

The "gap" indicates that there is no separate graphics panel (poster) for this assembly The parts of this assembly are shown with the same mid-section number on the figure

1 Positions and subpositions

| Pos. | Sachnummer Product number | Benennung (Description) | | Description (Benennung) | Menge Quantity | Einheit Unit |
|-------|------------------------------|----------------------------|---------------------|----------------------------|-------------------|-----------------|
| 0370 | 1315.201.054 | RUECKLAUFBOLZEN | KPL.16S151*SG*L= 79 | REV.IDLER SHAFT | 1 | Stk |
| /0120 | 0631.329.293 | SPANNSTIFT | | SLOT. PIN | 1 | Stk |

Positions marked with "/" are the individual items of a completion For example: Position 0370 contains a centering pin with the position /0120

2 Combinations with standardized parts

| | | Sachnummer Product number | Benennung (Description) | | Description (Benennung) | Menge Quantity | Einheit Unit |
|---|------|------------------------------|----------------------------|-----------|----------------------------|-------------------|-----------------|
| (| 0630 | | VERSCHL.SCHR. | | SCREW PLUG | 1 | Stk |
| | | 0636.302.067 | VERSCHL.SCHR. | | SCREW PLUG | 1 | Stk |
| | | 0634.801.249 | DICHTRING | A 26 X 31 | SEALING RING | 1 | Stk |

The parts list shows the components included in the combination of standardized parts

3 Depiction of position/item number on the figure and in the parts list

01.620 - on the figure 01 relates to the assembly in which the position is included. Due to program-related reasons, it is shown on the figure.

0620 - in the parts list

| Pos. | Sachnummer Product number | Benennung (Description) | Description (Benennung) | Menge Quantity | Einheit Unit |
|------|------------------------------|----------------------------|----------------------------|-------------------|-----------------|
| 0620 | 0732.040.736 | DRUCKFEDER | COMPRESSION SPRING | 1 | Stk |

(4) *-Positions

Positions marked with an * are optional i.e. inclusion in the parts list is not mandatory. The following note is shown on the figure

je nach Stücklistenausführung depending on spec. number suivant la nomenclature secondo la distina base

(5) Parts, dotted display

Parts with dotted display on the figure are only used for orientation of other parts

Technical Cover

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| Pos. | Information | Amendment number |
|------|---------------------------------|------------------|
| | CUSTOMER-VEHICLE DATA 1: | |
| | CUSTOMER: EXMASH | |
| | VEHICLE DESIGNATION: E140W | |
| | ENGINE POWER: 67,0 KW | |
| | WEIGHT EMPTY: 13,200 TO | |
| | TIRES: 10.00-20 | |
| | TIRE RADIUS: 0,506 M | |
| | HYDRAULIC PUMP: A11VO130 | |
| | MANUFACTURER: REXROTH | |
| | HYDR. PUMP POWER: 55,0 KW | |
| | OIL FLOW: 139,1 CDM | |
| | HYDROMOTOR: A6VM 107 | |
| | MANUFACTURER: REXROTH | |
| | DIFFERENTIAL PRESSURE: 320 BAR | |
| | FRONT AXLE: MS-E 3060 | |
| | REAR AXLE: MT-E 3060 | |
| | AXLE RATIO: 22,11 | |
| | PERFORMANCE CALC.: 4143 701 716 | |
| | BRAKE CALCULATION: 4143 709 456 | |
| | VEHICLE DESIGNATION: E170W | |
| | ENGINE POWER: 84,0 KW | |
| | WEIGHT EMPTY: 16,300 TO | |
| | TIRES: 10.00-20 | |
| | TIRE RADIUS: 0,506 M | |
| | HYDRAULIC PUMP: A11VO130 | |
| | MANUFACTURER: REXROTH | |
| | HYDR. PUMP POWER: 70,0 KW | |
| | OIL FLOW: 177,1 CDM | |
| | HYDROMOTOR: A6VM 107 | |
| | MANUFACTURER: REXROTH | |
| | DIFFERENTIAL PRESSURE: 320 BAR | |
| | FRONT AXLE: MS-E 3060 | |
| | REAR AXLE: MT-E 3060 | |

Technical Cover

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| Pos. | Information | Amendment number |
|------|---|------------------|
| | AXLE RATIO: 22,11 | |
| | PERFORMANCE CALC.: 4143 701 717 | |
| | BRAKE CALCULATION: 4143 709 457 | |
| | VEHICLE DESIGNATION: E190WH | |
| | ENGINE POWER: 84,0 KW | |
| | WEIGHT EMPTY: 18,500 TO | |
| | TIRES: 10.00-20 | |
| | TIRE RADIUS: 0,506 M | |
| | HYDRAULIC PUMP: A11VO130 | |
| | MANUFACTURER: REXROTH | |
| | HYDR. PUMP POWER: 70,0 KW | |
| | OIL FLOW: 177,1 CDM | |
| | HYDROMOTOR: A6VM 107 | |
| | MANUFACTURER: REXROTH | |
| | DIFFERENTIAL PRESSURE: 320 BAR | |
| | FRONT AXLE: MS-E 3060 | |
| | REAR AXLE: MT-E 3060 | |
| | AXLE RATIO: 22,11 | |
| | PERFORMANCE CALC.: 4143 701 718 | |
| | BRAKE CALCULATION: 4143 709 458 | |
| | PRODUCT DESCRIPTION: ZF- POWERSHIFT TRANSMISSION HL | |
| | TRANSMISSION TYPE: 2 HL 250 | |
| | DROP CENTER DISTANCE: 185 MM | |
| | TRANSMISSION INSTALLATION: REMOTE MOUNT | |
| | INSTALLATION POSITION: HORIZONTAL | |
| | OUTPUT FLANGE: DIN 120 | |
| | GEAR RATIO: 1ST GEAR=4,869; 2ND GEAR=1,196 | |
| | HYDRO MOTOR SPLINE: N45 X 2 X 30 X 21 X 10H | |
| | CENTERING DIAMETER: 160 H7 | |
| | VALVE BLOCK: SEPARATELY | |
| | VOLTAGE: 12 VOLT | |
| | DOWNSHIFT PROT.: HYDR. CONNECTION M18X1.5 | |
| | SPEED SENSOR: WITHOUT | |

Technical Cover

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| Pos. | Information | Amendment number |
|------|--|------------------|
| | OIL FILLING: WITH | |
| | GEARBOX OIL - GRADE: TE ML 07 | |
| | OIL FILL QUANTITY CA: 2,90 L | |
| | TYPE PLATE: ZF- STANDARD | |
| | PRIMER PAINT: BLACK RAL 9005 PRIMER | |
| | SEPARATE ORDER CUSTOMER: 0750.132.150 VALVE BLOCK: 12V | |
| | DOCUMENTATION: | |
| | SECTION DRAWING: 4143.020.031 | |
| | INSTALLATION DRAWING: 4143.620.024 | |
| | INSTALL. INSTRUCTIONS: 5872 014 002 | |

Assembly group overview

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| Picture | Pos. | Material number | Name | Quantit y | Amend. no. | Techn. Info. |
|------------------|------|-----------------|-------------------|--------------|------------|--------------|
| 4143125045 20 | 490 | 4143.125.045 | INPUT HOUSING | 1 | | |
| 4143101043 00 | 10 | 4143.101.043 | HOUSING | 1 | | |
| | 810 | 4143.151.020 | MULTIDISK BRAKE | 1 | | |
| 4143152012 00 | 830 | 4143.152.012 | COUPLING | 1 | | |
| 4143115017 00 | 290 | 4143.115.017 | PLANETARY DRIVE | 1 | | |
| 4143115401 00 | 300 | 4143.115.401 | PLANETARY DRIVE | 1 | | |
| 4143115405 00 | 295 | 4143.115.405 | PLANETARY DRIVE | 1 | | |
| 4143103037 20 | 50 | 4143.103.037 | OUTPUT | 1 | | |
| 4143103420 50 | 57 | 4143.103.420 | OUTPUT | 2 | | |
| 4143142025 20 | 520 | 4143.142.025 | GEAR SHIFT SENSOR | 1 | | |
| 4143142406 20 | 540 | 4143.142.406 | GEAR SHIFT SENSOR | 1 | | |
| 4143142407 20 | 525 | 4143.142.407 | GEAR SHIFT SENSOR | 1 | | |
| 4143121011 20 | 390 | 4143.121.011 | OIL PIPE | 1 | | |
| 4143139001 00 | 900 | 4143.139.001 | TYPE PLATE | 1 | | |

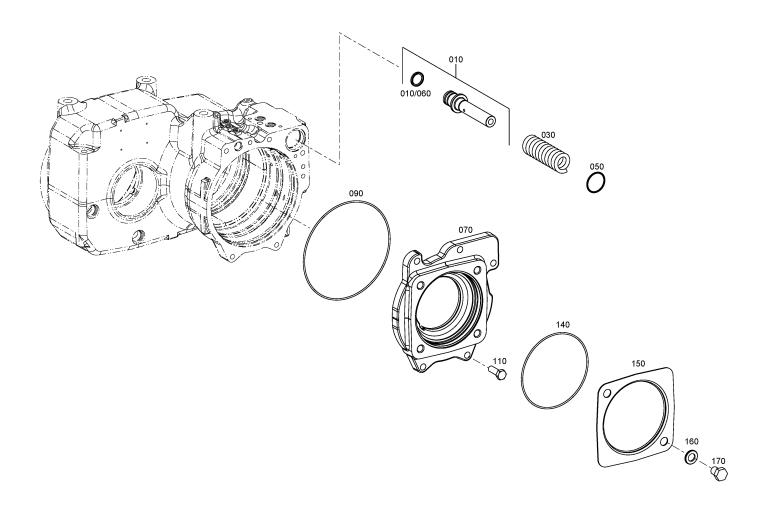
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Material number: 4143.020.222

Picture: 414312504520

Material-assembly-group-no: 4143.125.045





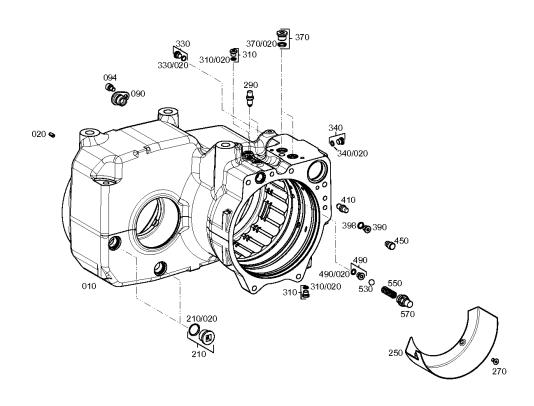
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Material number: 4143.020.222

Picture: 414310104300

Material-assembly-group-no: 4143.101.043





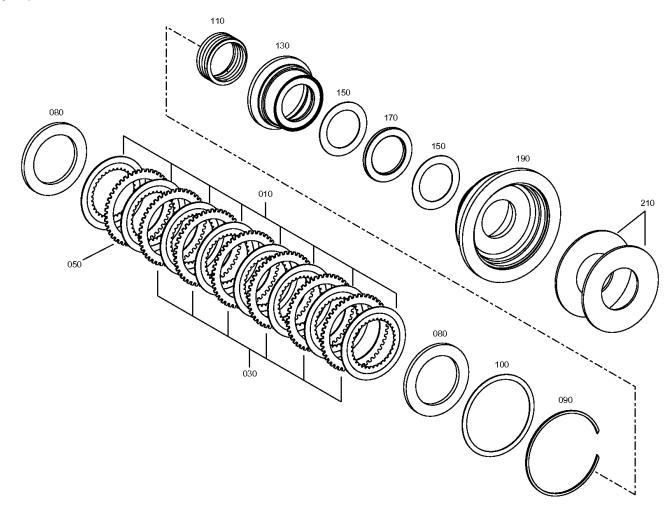
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Material number: 4143.020.222

Picture: 414315201200

Material-assembly-group-no: 4143.152.012





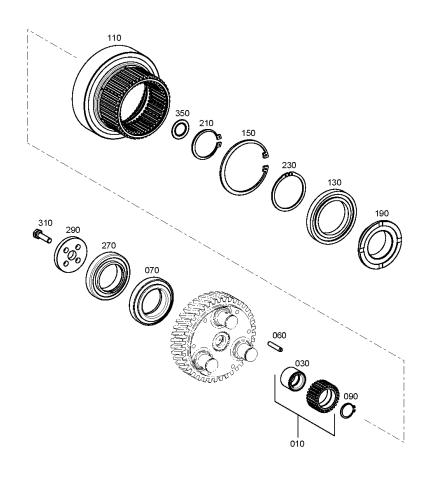
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Material number: 4143.020.222

Picture: 414311501700

Material-assembly-group-no: 4143.115.017





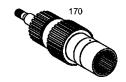
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Material number: 4143.020.222

Picture: 414311540100

Material-assembly-group-no: 4143.115.401





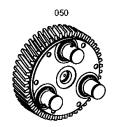
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Material number: 4143.020.222

Picture: 414311540500

Material-assembly-group-no: 4143.115.405





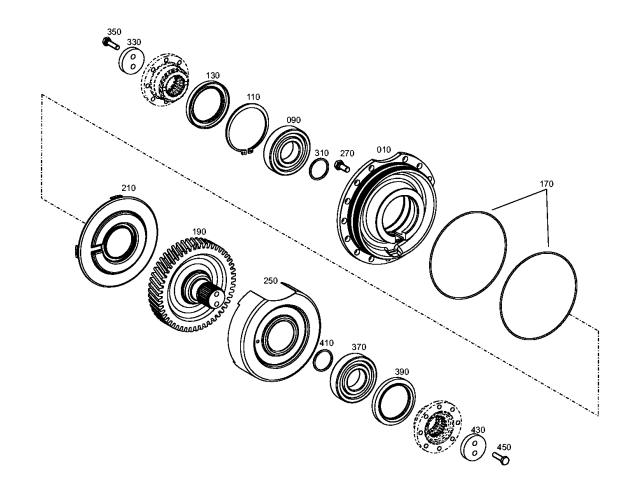
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Material number: 4143.020.222

Picture: 414310303720

Material-assembly-group-no: 4143.103.037





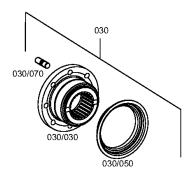
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Material number: 4143.020.222

Picture: 414310342050

Material-assembly-group-no: 4143.103.420





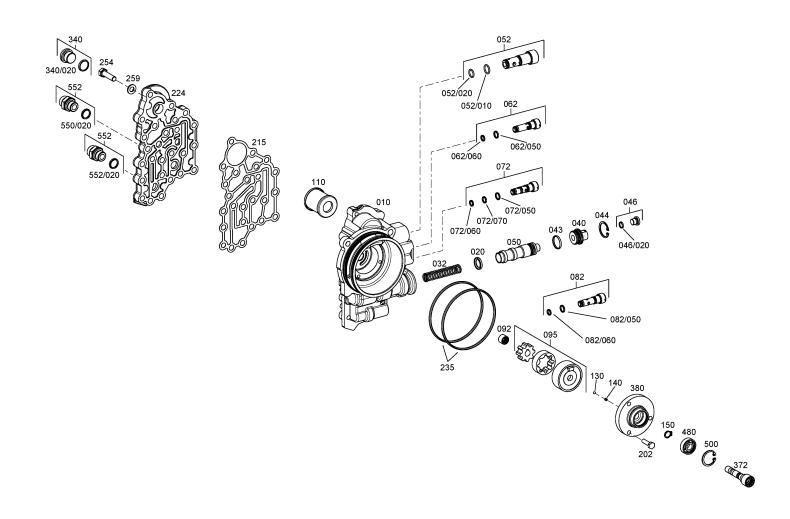
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Material number: 4143.020.222

Picture: 414314202520

Material-assembly-group-no: 4143.142.025





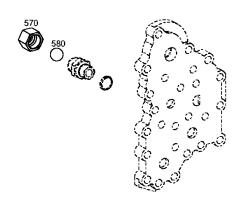
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Material number: 4143.020.222

Picture: 414314240620

Material-assembly-group-no: 4143.142.406





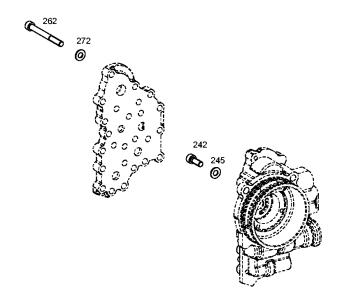
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Material number: 4143.020.222

Picture: 414314240720

Material-assembly-group-no: 4143.142.407





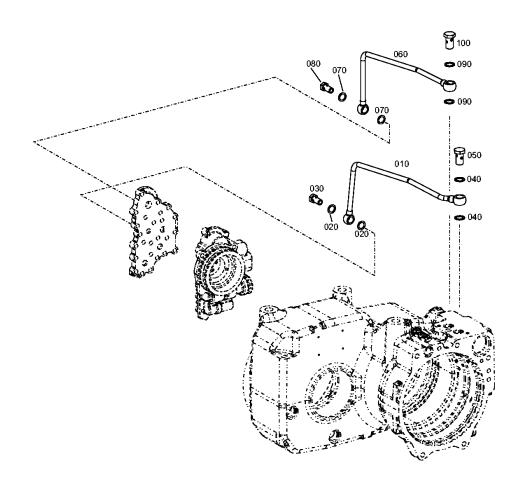
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Material number: 4143.020.222

Picture: 414312101120

Material-assembly-group-no: 4143.121.011





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Material number: 4143.020.222

Picture: 414313900100

Material-assembly-group-no: 4143.139.001



