

Equipment information

Equipment: 23408003250
Type: TBD 8 234V
Output: 0000339,0 kW
Speed: 2000 1/min
Build date: 01.12.1995
KLU-Number:
ETL scope: EU016002
MVS: 111

VKU date: 01.12.1995

VKU' date:

Commissioning date:

Begin of guarantee period:

Man. begin of guar. period: no

End of guarantee period:

ID maintenance contract:

ID insurance contract:

Guarantee package:

Assembly group directory

| | | | |
|-------------------|--------------|---------------------|------------|
| Equipment: | 23408003250 | Engine type: | TBD 8 234V |
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| ETL scope: | EU016002 | | |

| CG | ETL-No. | Designation (en) | Designation (en) |
|-----------|-----------|-----------------------------|--------------------|
| 1 | | Crankcase | |
| 1 | 0509 0593 | Crankc. end cover | Crankc. end cover |
| 1 | 0509 0670 | Crankcase breather | Crankcase breather |
| 1 | 0509 0676 | Blanking parts | Blanking parts |
| 1 | 0509 0678 | Cover | Cover |
| 1 | 0509 1481 | Crankc. end cover | Crankc. end cover |
| 1 | 0509 1568 | Engine mounting | Engine mounting |
| 1 | 0509 1571 | Crankcase | Crankcase |
| 1 | 0509 4458 | Breather line | Breather line |
| 1 | 0509 4645 | Main bearing | Main bearing |
| 2 | | Oil pan | |
| 2 | 0509 4391 | Oil pan | Oil pan |
| 2 | 0509 4636 | Dipstick | Dipstick |
| 5 | | Crankshaft | |
| 5 | 0509 1280 | Flywheel | Flywheel |
| 5 | 0509 1329 | V-grooved pulley | V-grooved pulley |
| 5 | 0509 1464 | Crankshaft | Crankshaft |
| 5 | 0509 1477 | Mass balancer | Mass balancer |
| 5 | 0509 1609 | Vibration damper | Vibration damper |
| 6 | | Connecting rod | |
| 6 | 0509 0600 | Connecting rod | Connecting rod |
| 7 | | Piston | |
| 7 | 0509 0599 | Piston | Piston |
| 8 | | Cylinder head | |
| 8 | 0509 0488 | Cylinder head | Cylinder head |
| 8 | 0509 0640 | Valve mechan.cover | Valve mechan.cover |
| 10 | | Camshaft | |
| 10 | 0509 1455 | Camshaft | Camshaft |
| 10 | 0509 4164 | Tacho drive | Tacho drive |
| 11 | | Timing gears | |
| 11 | 0509 0596 | Valve drive | Valve drive |
| 11 | 0509 0597 | Pushrod | Pushrod |
| 14 | | Lube oil pump | |
| 14 | 0509 0646 | Gear.oil feed pump | Gear.oil feed pump |
| 15 | | Lube oil/-cooler | |
| 15 | 0509 1546 | Oil cooler | Oil cooler |
| 16 | | Oil pipes | |
| 16 | 0509 0648 | Lubricat. oil line | Lubricat. oil line |
| 16 | 0509 4615 | Lubricat. oil line | Lubricat. oil line |
| 17 | | Injection pump | |
| 17 | 0509 1469 | Multidisc clutch | Multidisc clutch |
| 17 | 0509 4219 | Parts inject.pump | Parts inject.pump |
| 18 | | Injection pump drive | |
| 18 | 0509 1468 | Inject. pump drive | Inject. pump drive |
| 19 | | Injector | |
| 19 | 0509 1476 | Fuel injector | Fuel injector |
| 20 | | Fuel filter | |
| 20 | 0509 1688 | Fuel filter | Fuel filter |

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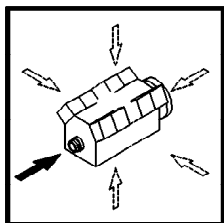
| CG | ETL-No. | Designation (en) | Designation (en) |
|-----------|-----------|---------------------------------|--------------------|
| 20 | 0509 1691 | Fuel filter/pipe | Fuel filter/pipe |
| 21 | | Fuel pipes/fuel tank | |
| 21 | 0509 1485 | High pressure pipe | High pressure pipe |
| 21 | 0509 1543 | Leak off line | Leak off line |
| 21 | 0509 1694 | Leak off line | Leak off line |
| 21 | 0509 4252 | High pressure pipe | High pressure pipe |
| 21 | 0509 4600 | Leak off line | Leak off line |
| 22 | | Suction pipe/air cleaner | |
| 22 | 0509 1541 | Intake manifold | Intake manifold |
| 34 | | Vibration damper | |
| 34 | 0509 2334 | Vibration damper | Vibration damper |
| 37 | | Cooling water pump | |
| 37 | 0509 0702 | Centrifugal pump | Centrifugal pump |
| 37 | 0509 2407 | V-grooved pulley | V-grooved pulley |
| 37 | 0509 4621 | Tensioning pulley | Tensioning pulley |
| 37 | 0509 4630 | Fan drive | Fan drive |
| 38 | | Water pipes | |
| 38 | 0509 4607 | Cooling water line | Cooling water line |
| 38 | 0509 5569 | Temper. controller | Temper. controller |
| 41 | | Exhaust manifold | |
| 41 | 0509 1555 | Exhaust manifold | Exhaust manifold |
| 41 | 0509 1672 | Exhaust pipe | Exhaust pipe |
| 43 | | Turbocharger | |
| 43 | 0509 4230 | Lubricat. oil line | Lubricat. oil line |
| 43 | 0509 4436 | Turbocharger | Turbocharger |
| 43 | 0509 4644 | Cover plate | Cover plate |
| 43 | 0509 4651 | Turbocharging assy | Turbocharging assy |
| 44 | | Alternator/starter motor | |
| 44 | 0509 0681 | Cover | Cover |
| 44 | 0509 4603 | Driving parts | Driving parts |
| 46 | | Engine mounting, rigid | |
| 46 | 0509 4285 | Engine mounting | Engine mounting |
| 48 | | Electrical accessories | |
| 48 | 0509 4197 | Screw fitting | Screw fitting |
| 51 | | Measuring instruments | |
| 51 | 0509 4198 | Accessories | Accessories |
| 52 | | Clutch | |
| 52 | 0509 0647 | Flywheel housing | Flywheel housing |
| 52 | 0509 4614 | Flexible coupling | Flexible coupling |
| 56 | | Engine shutdown | |
| 56 | 0509 0715 | Solenoid mounting | Solenoid mounting |
| 57 | | V-belt guard | |
| 57 | 0509 4522 | V-belt guard | V-belt guard |
| 90 | | Set of parts | |
| 90 | 0509 2280 | Gasket set | Gasket set |
| 90 | 0509 2287 | Gasket set | Gasket set |

ETL no.: 0509 1481 Crankc. end cover

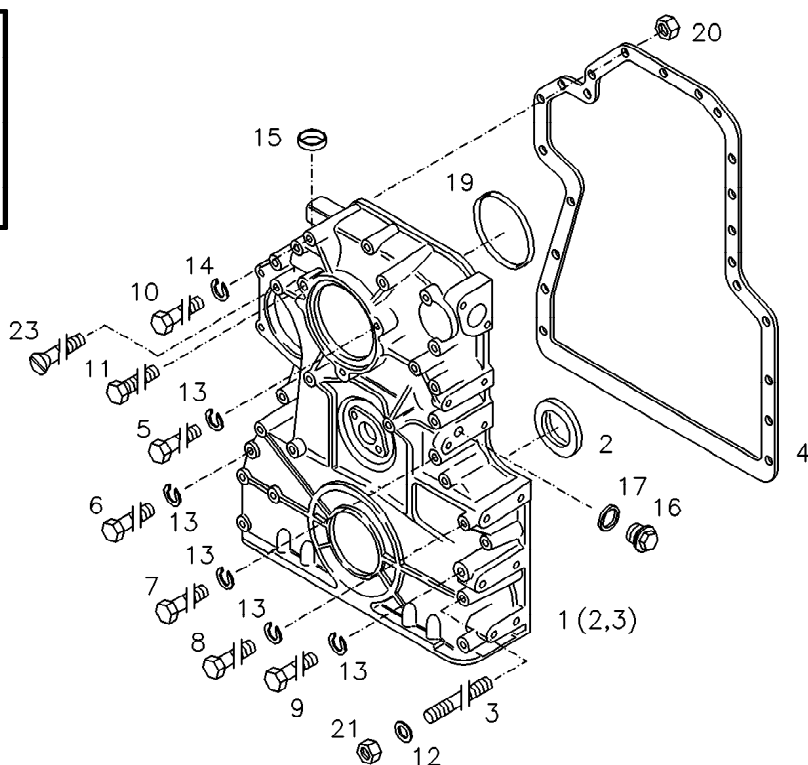
Constr. Group: 01

Equipment: 23408003250
 Output: 0000339,0 kW
 ETL scope: EU016002

Engine type: TBD 8 234V
 Speed: 2000 1/min



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0509 1481

| Item | Material | Kit | MS | VS | Quant | Unit | Ord | Designation (en) | Designation (en) | Remark |
|------|----------|-----|----|----|-------|------|-----|--------------------|--------------------|--------------------------------------|
| 1 | 12163427 | | | | 1 | ST | | Crankc. end cover | Crankc. end cover | WITH ITEM.... (2,3) 950 001 |
| 2 | 12152276 | | | | 1 | ST | | Rot.shaft lip seal | Rot.shaft lip seal | |
| 3 | 01151604 | | 90 | 90 | 2 | ST | | Stud | Stud | |
| 4 | 12161804 | | | | 1 | ST | | Gasket | Gasket | |
| 5 | 01111166 | | | | 1 | ST | | Hexagon bolt | Hexagon bolt | |
| 6 | 01111177 | | | | 1 | ST | | Hexagon bolt | Hexagon bolt | |
| 7 | 01111195 | | | | 6 | ST | | Hexagon bolt | Hexagon bolt | |
| 8 | 01111203 | | 20 | 20 | 3 | ST | | Hexagon bolt | Hexagon bolt | |
| 9 | 01151538 | | | | 1 | ST | | Hexagon bolt | Hexagon bolt | |
| 10 | 01111372 | | | | 4 | ST | | Hexagon bolt | Hexagon bolt | |
| 11 | 01137083 | | 20 | 20 | 2 | ST | | Hexagon bolt | Hexagon bolt | |
| 12 | 01107283 | | | | 7 | ST | | Spring washer | Spring washer | |
| 13 | 01177981 | | | | 12 | ST | | Spring lock washer | Spring lock washer | |
| 14 | 01178365 | | | | 2 | ST | | Spring lock washer | Spring lock washer | |
| 15 | 01152713 | | | | 1 | ST | | Cover | Cover | |
| 16 | 01100940 | | | | 1 | ST | | Screw plug | Screw plug | |
| 17 | 01118688 | | | | 1 | ST | | Sealing ring | Sealing ring | |
| 19 | 01153947 | | | | 1 | ST | | O-seal | O-seal | |
| 20 | 01139401 | | 20 | 20 | 2 | ST | | Hexagon nut | Hexagon nut | |
| 21 | 01122477 | | 20 | 20 | 2 | ST | | Hexagon nut | Hexagon nut | |

ETL no.: 0509 1481 Crankc. end cover Constr. Group: 01

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|------|----------|-----|-------|-------|------|-----|-------------------|-------------------|--------|
| 23 | 01132357 | | | 1 | ST | | C.sunk head screw | C.sunk head screw | |