

Equipment information

Equipment: 23408001965
Type: TBD 8 234V
Output: 0000255,0 kW
Speed: 1500 1/min
Build date: 01.05.1989
KLU-Number:
ETL scope: EU179246
MVS: 218

VKU date: 01.05.1989

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:	23408001965	Engine type:	TBD 8 234V
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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 1568	Engine mounting	Engine mounting
1	0509 1571	Crankcase	Crankcase
1	0509 1596	Breather pipe	Breather pipe
1	0509 4645	Main bearing	Main bearing
2		Oil pan	
2	0509 4179	Oil pan	Oil pan
5		Crankshaft	
5	0509 1280	Flywheel	Flywheel
5	0509 1329	V-grooved pulley	V-grooved pulley
5	0509 1464	Crankshaft	Crankshaft
6		Connecting rod	
6	0509 0600	Connecting rod	Connecting rod
7		Piston	
7	0509 0599	Piston	Piston
8		Cylinder head	
8	0509 0640	Valve mechan.cover	Valve mechan.cover
8	0509 4078	Cylinder head	Cylinder head
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 1545	Oil cooler	Oil cooler
15	0509 4214	Lubric. oil filter	Lubric. oil filter
16		Oil pipes	
16	0509 0648	Lubricat. oil line	Lubricat. oil line
16	0509 4165	Oil suction line	Oil suction line
17		Injection pump	
17	0509 1469	Multidisc clutch	Multidisc clutch
17	0509 4080	Fuel inject. pump	Fuel inject. pump
17	0509 4219	Parts inject.pump	Parts inject.pump
17	0509 4557	Parts inject.pump	Parts inject.pump
17	0509 4760	Parts of governor	Parts of governor
17	0509 5106	Fuel supply pump	Fuel supply 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	

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20	0509 0635	Fuel duplex filter	Fuel duplex filter
20	0509 1696	Fuel filter assy	Fuel filter assy
21		Fuel pipes/fuel tank	
21	0509 0667	Back leak.connect.	Back leak.connect.
21	0509 1543	Leak off line	Leak off line
21	0509 4086	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0509 1541	Intake manifold	Intake manifold
22	0509 1620	Wet air cleaner	Wet air cleaner
22	0509 1660	Air filter fitment	Air filter fitment
27		Speed control	
27	0509 4247	Engine speed contr	Engine speed contr
36		Water cooler	
36	0509 4217	Heat exchanger	Heat exchanger
37		Cooling water pump	
37	0509 1986	Centrifugal pump	Centrifugal pump
37	0509 4163	Tensioning pulley	Tensioning pulley
37	0509 4464	Narrow v-belt	Narrow v-belt
38		Water pipes	
38	0509 4216	Indirect cooling	Indirect cooling
38	0509 4738	Cooling water line	Cooling water line
41		Exhaust manifold	
41	0509 0941	Exhaust silencer	Exhaust silencer
41	0509 1671	Exhaust pipe	Exhaust pipe
41	0509 1955	Exhaust manifold	Exhaust manifold
41	0509 4072	Sheeting/panelling	Sheeting/panelling
41	0509 4177	Cover plate	Cover plate
43		Turbocharger	
43	0509 0651	Turbocharger	Turbocharger
43	0509 4084	Turbocharging assy	Turbocharging assy
43	0509 4220	Lubricat. oil line	Lubricat. oil line
46		Engine mounting, rigid	
46	0509 1283	Engine mounting	Engine mounting
48		Electrical accessories	
48	0509 2330	Flow switch	Flow switch
49		Tools	
49	0509 4173	Rod	Rod
49	0509 4209	Turn-over gear	Turn-over gear
49	0509 5900	Toolkit	Toolkit
52		Clutch	
52	0509 0647	Flywheel housing	Flywheel housing
56		Engine shutdown	
56	0509 1560	Solenoid valv	Solenoid valv
56	0509 2373	Shutdown	Shutdown
57		V-belt guard	
57	0509 6066	V-belt guard	V-belt guard
58		Intercooler	
58	0509 4171	Charge air cooler	Charge air cooler

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CG	ETL-No.	Designation (en)	Designation (en)
90		Set of parts	
90	0509 2280	Gasket set	Gasket set
90	0509 2287	Gasket set	Gasket set
90	0509 4249	Accessories	Accessories

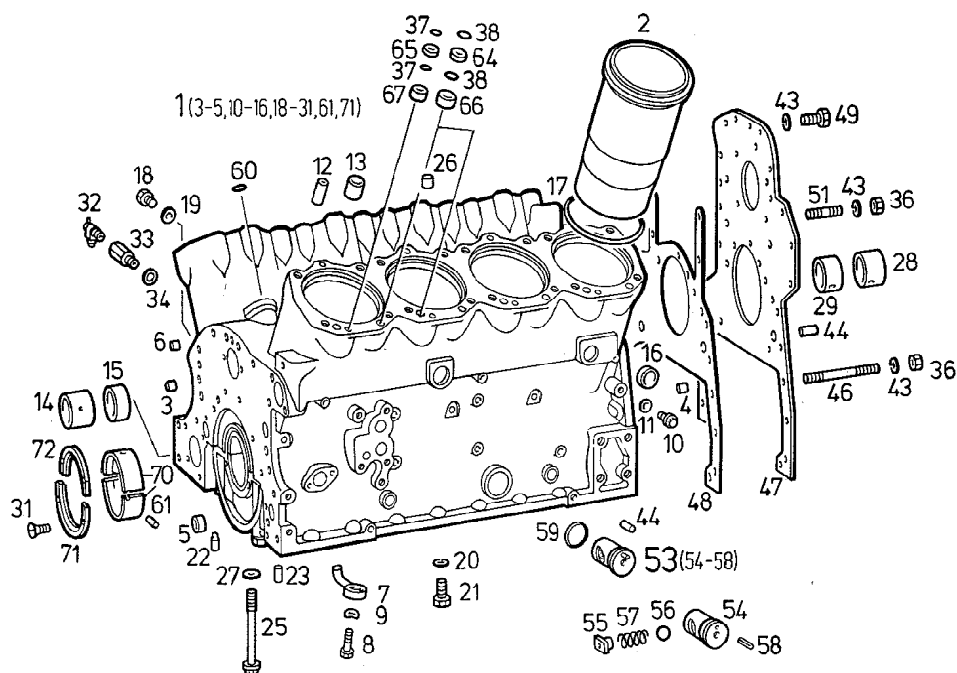
ETL no.: 0509 1571 Crankcase

Constr. Group: 01

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0509 1571

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12163891				1	ST		Engine block	Engine block	WITH ITEM.... 3-5,10-16,18-31,61,71 MWM-NR. 6.234.8.110.064 .7
2	12163113				8	ST		Cylinder liner	Cylinder liner	MWM-NR. 6.234.0.132.002 .4
3	12158444				9	ST		Plug	Plug	MWM-NR. 6.205.1.327.001 .4
4	12166281				4	ST		Plug	Plug	MWM-NR. 6.324.1.327.002 .4
5	01152710				6	ST		Cover	Cover	MWM-NR. 6.0215.21.8.002 5
6	12166280				4	ST		Plug	Plug	MWM-NR. 6.324.1.327.001 .4
7	12163269				8	ST		Nozzle	Nozzle	MWM-NR. 6.234.0.465.001 .5
8	01111151	20	20	8	ST			Hexagon bolt	Hexagon bolt	MWM-NR. 6.0200.01.0.084 5
9	01107281	10	10	10	ST			Spring washer	Spring washer	MWM-NR. 6.0216.03.1.008 0
10	01118952				3	ST		Screw plug	Screw plug	MWM-NR. 6.0206.05.0.101 0
11	01118664				3	ST		Sealing ring	Sealing ring	MWM-NR. 6.0492.01.0.101

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12	12161000				16	ST		Sleeve	Sleeve	4 MWM-NR. 6.232.0.330.014 .4
13	12163165				16	ST		Sleeve	Sleeve	MWM-NR. 6.234.0.330.011 .4
14	12313196				1	ST		Bearing bush	Bearing bush	MWM-NR. 6.232.0.432.005 .4
15	12313195				4	ST		Bearing bush	Bearing bush	MWM-NR. 6.232.0.432.004 .4
16	01152711				4	ST		Cover	Cover	MWM-NR. 6.0215.21.8.003 0
17	01153813	10	10	16	ST			O-seal	O-seal	MWM-NR. 6.0493.13.1.420 2
18	01118955				1	ST		Screw plug	Screw plug	MWM-NR. 6.0206.05.0.121 5
19	01118681				1	ST		Sealing ring	Sealing ring	MWM-NR. 6.0492.01.0.121 8
20	12164017		70	1	ST			Plain washer	Plain washer	MWM-NR. 6.300.0.340.001 .4
21	01112307				1	ST		Hexagon bolt	Hexagon bolt	MWM-NR. 6.0200.05.0.081 5
22	12160931				5	ST		Pin	Pin	MWM-NR. 6.232.0.310.001 .4
23	12160932				5	ST		Pin	Pin	MWM-NR. 6.232.0.310.002 .4
25	01153796				20	ST		Hexagon bolt	Hexagon bolt	MWM-NR. 6.0200.01.8.185 6
26	12161005				1	ST		Bush	Bush	MWM-NR. 6.232.0.330.022 .4
27	01154443		70	20	ST			Plain washer	Plain washer	MWM-NR. 6.0215.06.1.185 1
28	12190961				2	ST		Bearing bush	Bearing bush	MWM-NR. 6.234.0.432.002 .2
29	12200055				3	ST		Bearing bush	Bearing bush	MWM-NR. 6.234.0.432.001 .2
31	01153049				4	ST		C.sunk head screw	C.sunk head screw	MWM-NR. 6.0203.21.0.061 2
32	12188643				1	ST		Drain valve	Drain valve	MWM-NR. 6.226.0.055.001 .4
33	12161138				1	ST		Screw connector	Screw connector	MWM-NR. 6.232.0.355.015 .4
34	01118688				1	ST		Sealing ring	Sealing ring	MWM-NR. 6.0492.01.0.141 8
36	01122477	20	20	9	ST			Hexagon nut	Hexagon nut	MWM-NR. 6.0210.05.4.008 0
37	01153858				32	ST		O-seal	O-seal	MWM-NR. 6.0493.13.0.090 2
38	01153866				32	ST		O-seal	O-seal	MWM-NR. 6.0493.13.0.180 2
43	01177981				5	ST		Spring lock washer	Spring lock washer	MWM-NR. 6.0216.01.0.008 0
44	01105181				2	ST		Parallel pin	Parallel pin	MWM-NR. 6.0220.10.0.102 4
46	01152531	90	90	4	ST			Stud	Stud	MWM-NR. 6.0201.10.1.081 1
47	12161771				1	ST		Cover plate	Cover plate	MWM-NR. 6.232.0.788.002 .4

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48	12161809				1	ST		Gasket	Gasket	MWM-NR. 6.232.0.853.015 .4
49	01137083		20	20	9	ST		Hexagon bolt	Hexagon bolt	MWM-NR. 6.0200.05.0.082 0
51	01113391		90	90	5	ST		Stud	Stud	MWM-NR. 6.0201.10.2.082 5
53	12163418				1	ST		Overflow valve	Overflow valve	MWM-NR. 6.234.0.767.001 .6
54	12163209				1	ST		Valve insert	Valve insert	MWM-NR. 6.234.0.346.001 .4
55	12163202				1	ST		Spring cap	Spring cap	MWM-NR. 6.234.0.342.002 .4
56	01116971				1	ST		Ball	Ball	MWM-NR. 6.0325.11.0.002 4
57	01221435				1	ST		Compression spring	Compression spring	MWM-NR. 6.0240.19.0.111 0
58	01154162				1	ST		Straight pin	Straight pin	MWM-NR. 6.0220.15.0.041 6
59	01153881		20	20	1	ST		O-seal	O-seal	MWM-NR. 6.0493.13.0.350 1
60	01166002				16	ST		O-seal	O-seal	MWM-NR. 6.0493.13.0.140 1
61	01115413				5	ST		Straight pin	Straight pin	MWM-NR. 6.0220.15.0.040 8
64	12163186				16	ST		Plain washer	Plain washer	MWM-NR. 6.234.0.340.021 .4
65	12163187				16	ST		Plain washer	Plain washer	MWM-NR. 6.234.0.340.022 .4
66	12163166				16	ST		Sleeve	Sleeve	MWM-NR. 6.234.0.330.012 .4
67	12163167				8	ST		Sleeve	Sleeve	MWM-NR. 6.234.0.330.013 .4
68	01115486				2	ST		Straight pin	Straight pin	MWM-NR. 602201501024
69	01115451				2	ST		Straight pin	Straight pin	MWM-NR. 602201500620
70	12163259				5	ST		Main bearing	Main bearing	FOR SINGLE PARTS SEE PN -LIST SHEET E0120-01-0509 4645
71	12163177				2	ST		Half-ring	Half-ring	MWM-NR. 6.234.0.340.001 .4
72	12163178				2	ST		Half-ring	Half-ring	STANDARD (A)MM, FOR OVERSIZE SEE ITEM (B) (A) = 5,69 MM RD (B) = 954 MWM-NR. 6.234.0.340.002 .4
954	12200054				1	ST		Half-ring	Half-ring	OVERSIZE 6,20 MM RD MWM-NR. 6.234.8.340.002 .2