SEBE62210104

# SHOP MANUAL

KOMATSU®

# 108 SERIES DIESEL ENGINE

MidWestTech | Komatsu 108 Series Diesel Engine Service Manual | Publication SEBE62210104

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# WEIGHT TABLE

⚠ This weight table is a guide for use when transporting or handling components.

Unit: kg

| No. | Item | Components | S6D108-1 | |
|---|---|---|---|---|
| 1 | Turbocharger | GARRET TO4E type | 9.9 | |
| | | SCHWITZER S2B type | 7.0 | |
| 2 | Aftercooler assembly | | – | |
| | Intake manifold | | 14.2 | |
| 3 | Cylinder head assembly | Cylinder head, valve, rocker arm | 63.0 | |
| 4 | Cylinder block assembly | Cylinder block, bearing cap, valve spring | 187 | |
| 5 | Crankshaft assembly | Crankshaft, crankshaft gear | 75.3 | |
| 6 | Camshaft assembly | Camshaft, camshaft gear, thrust bearing | 8.0 | |
| 7 | Timing gear case assembly | | 19.5 | |
| 8 | Oil pan | | 11.0 | |
| 9 | Piston and connecting rod assembly | Piston, piston ring, piston pin, connecting rod | 27.0 | |
| 10 | Flywheel assembly | | D57S-1 | 62.5 |
| | | | WA320-3, WA380-3 | 32.3 |
| | | | EG150BS-5 | 113.0 |
| 11 | Flywheel housing | | D57S-1 | 59.5 |
| | | | WA320-3, WA380-3 | 33.1 |
| | | | EG150BS-5 | 46.5 |
| 12 | Fuel injection pump | | D57S-1, EG150BS-5 | 16.0 |
| | | | WA320-3, WA380-3 | 15.0 |
| 13 | Water pump | | D57S-1 | 10.4 |
| | | | WA320-3, WA380-3 | 24.0 |
| 14 | Alternator | | 24 V, 13 A | 8.5 |
| | | | 24 V, 25 A | 8.5 |
| | | | 24 V, 50 A | 10.0 |
| 15 | Starting motor | | 14.5 | |

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Unit: kg

| | | |
|---|---|---|
| SA6D108-1 | | |
| 9.0 | | |
| 10.0 (with waist gate valve) | | |
| – | | |
| 23.8 | | |
| – | | |
| 63.0 | | |
| 187 | | |
| 75.3 | | |
| 8.0 | | |
| 19.5 | | |
| 11.0 | | |
| 27.0 | | |
| PC300-5 | 31.3 | |
| WA420-3 | 29.8 | |
| Sugar cane harvester AUSTOFT in AUSTRALIA | 27.0 | |
| PC300-5 | 46.5 | |
| WA420-3 | 59.5 | |
| Sugar cane harvester AUSTOFT in AUSTRALIA | 29.5 | |
| PC300-5 | 16.0 | |
| WA420-3 | 16.5 | |
| PC300-5 | 10.4 | |
| WA420-3 | 16.5 | |
| 24 V, 13 A | 8.5 | |
| 24 V, 25 A | 8.5 | |
| 24 V, 50 A | 10.0 | |
| 14.5 | | |

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# ENGINE

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