

# ehd

# COMPONENTS 2005

(PTY) LTD

t/a ENGINE & HEAVY DUTY COMPONENTS

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# 4DW91-29D

|   |   |
|---|---|
| Type  | in line 4-cylinder 4-stroke   |
| Air intake type                             | Natural   |
| Cooling mode                                | Water cooling   |
| Governor mode                               | Mechanical or electronic  |
| Bore x Stroke (mm)                          | 90 x 100  |
| Compression ratio                           | 17.1  |
| Rated speed (rpm)                           | 1500  |
| Displacement (L)                            | 2.54  |
| Prime power (without fan)(kW)               | 21  |
| Standby power (without fan)(kW)             | 23  |
| Fuel consumption (L/h)                      | 0.847   |
| Oil consumption (L/h)                       | 0.05  |
| Steady state speed regulation (%)           | <5  |
| Oil capacity including filter (L)           | 8   |
| Emission                                    | Stage II  |
| The flywheel shell interface                | SAE4 Flywheel for 7.5" & 10" flexible coupling                        |
| Dry weight of base (kg)                     | 220   |
| Dry weight of Gen Pac (kg)                  | 240   |
| Overall dimension (base)(mm)                | 750 x 555 x 680   |
| Overall dimension (G.P)(mm)                 | 920 x 610 x 760   |
| Fan consumption (kW)                        | 1.6   |
| 27°C air consumption (m <sup>3</sup> / min) | 1.7   |
| Heat rejection of exhaust (kW)              | 17.4  |
| Exhaust gas temperature after turbine (°C)  | 450   |
| Exhaust gas flow(m <sup>3</sup> / min)      | 4.6   |
| Heat rejection from engine (kW)             | 1.3   |
| Heat rejection of coolant (kW)              | 13.7  |
| Base configuration                          | Standard configuration (add on the base)                              |
| Engine with fan                             | Intake and exhaust system: Air filter and connecting pipes            |
| Alternator 500W 14V                         | Connecting flang of exhaust pipe                                      |
| Starter motor 3.5kW 12V                     | Cooling system: Radiator with connecting pipes; Fan guard; Belt guard |

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