

ehd

COMPONENTS 2005

(PTY) LTD

t/a ENGINE & HEAVY DUTY COMPONENTS

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4DX22-50D



4DX22-50D

| | |
|--|---|
| Type | in line 4-cylinder 4-stroke |
| Air intake type | Turbocharged |
| Cooling mode | Water cooling |
| Governor mode | Mechanical or electronic |
| Bore x Stroke (mm) | 102x118 |
| Compression ratio | 17.1 |
| Rated speed (rpm) | 1500 |
| Displacement (L) | 3.86 |
| Prime power(without fan) (kW) | 37 |
| Standby power(without fan) (kW) | 41 |
| Fuel consumption (L/h) | 10.73 |
| Oil consumption (L/h) | 0.05 |
| Steady state speed regulation (%) | ≤5 |
| Oil capacity including filter (L) | 13 |
| Emission | Stage II |
| The flywheel shell interface | SAE3 Flywheel for 11.5" flexible coupling |
| Dry weight of base (kg) | 380 |
| Dry weight of Gen Pac (kg) | 405 |
| Overall dimension(base) (mm) | 810x680x800 |
| Overall dimension(G.P) (mm) | 1115x680x835 |
| Fan consumption (kW) | 2.5 |
| 27°C air consumption (m ³ / min) | 3.2 |
| Heat rejection of exhaust (kW) | 36.4 |
| Exhaust gas temperature after turbine (°C) | 480 |
| Exhaust gas flow (m ³ /min) | 8.4 |
| Heat rejection from engine (kW) | 2.6 |
| Heat rejection of coolant (kW) | 24.1 |
| Base configuration | Standard configuration (add on the base) |
| Engine with fan | Intake and exhaust system : Air filter and connecting pipes |
| Alternator 35A 28V | Connecting flang of exhaust pipe |
| Starter motor 4.5kW 24V | Cooling system: Radiator with connecting pipes; Fan guard; Belt guard |

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