

ehd

COMPONENTS 2005

(PTY) LTD

t/a ENGINE & HEAVY DUTY COMPONENTS

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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)	102 x 118
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)	0.776
Oil consumption (L/h)	0.05
Steady state speed regulation (%)	<5
Oil capacity including filter (L)	13
Emission	Stage II
The flywheel shell interface	AE3 Flywheel for 11.5" flexible coupling
Dry weight of base (kg)	380
Dry weight of Gen Pac (kg)	405
Overall dimension (base)(mm)	810 x 700 x 850
Overall dimension (G.P)(mm)	1115 x 680 x 835
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 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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