

COMPONENTS 2005

(PTY) LTD

t/a ENGINE & HEAVY DUTY COMPONENTS

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4DX21-45D



Type	4DX21-45D		
Cooling mode Governor mode Mechanical or electronic	Туре	in line 4-cylinder 4-stroke	
Governor mode Mechanical or electronic	Air intake type	Natural	
Bore x Stroke (mm)	Cooling mode	Water cooling	
Compression ratio 17.1 Rated speed (rpm) 1500 Displacement (L) 3.86 Prime power(without fan) (kW) 33 Standby power(without fan) (kW) 36 Fuel consumption (L/h) 9.03 Oil consumption (L/h) 0.06 Steady state speed regulation (%) 12.5 Emission Stage 12.5 Emission Stage 350 Dry weight of base (kg) 350 Dry weight of Gen Pac (kg) 375 Overall dimension(base) (mm) 115x680x835 Fan consumption (kW) 2 27°C air consumption (m³/min) 145x680x835 Exhaust gas temperature after turbine (°C) 12.5 Exhaust gas flow (m³/min) 8.3 Heat rejection of coolant (kW) 21.5 Engine with fan Intake and exhaust system : Air filter and connecting pipes Cooling system Radiatow with connecting pipes 20 Cooling system Radiatow with conne	Governor mode	Mechanical or electronic	
Rated speed (rpm) Displacement (L) Siplacement (L) Prime power(without fan) (kW) Standby power(without fan) (kW) Fuel consumption (L/h) Oil consumption (L/h) Steady state speed regulation (%) Oil capacity including filter (L) Emission Stage The flywheel shell interface Dry weight of base (kg) Dry weight of Gen Pac (kg) Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/ min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Base configuration Engine with fan Alternator 35A 28V Conline system: Parketon with connecting pipes Cooling system: Parketon with connecting pipes	Bore x Stroke (mm)	102x118	
Displacement (L) Prime power(without fan) (kW) Standby power(without fan) (kW) Fuel consumption (L/h) Oil consumption (L/h) Steady state speed regulation (%) Oil capacity including filter (L) Emission Stage The flywheel shell interface Dry weight of base (kg) Dry weight of Gen Pac (kg) Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/ min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection of coolant (kW) Base configuration Engine with fan Intake and exhaust system: Air filter and connecting pipes Alternator 35A 28V Connecting flang contents pines: Engine with gode exhaust pipes Cooling system: Paging with gode exhaust pipes	Compression ratio	17.1	
Prime power(without fan) (kW) Standby power(without fan) (kW) Fuel consumption (L/h) Oil consumption (L/h) Steady state speed regulation (%) Oil capacity including filter (L) Emission Stage The flywheel shell interface Dry weight of base (kg) Dry weight of Fan Consumption (base) (mm) Overall dimension(G.P) (mm) Overall dimension (G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/ min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Base configuration Engine with fan Intake and exhaust system: Air filter and connecting pipes Alternator 35A 28V Cooling system: Redictor with rouge first pages: Fan quart. Bel	Rated speed (rpm)	1500	
(kW) Standby power(without fan) (kW) Fuel consumption (L/h) Oil consumption (L/h) Steady state speed regulation (%) Oil capacity including filter (L) Emission The flywheel shell interface Dry weight of base (kg) Dry weight of Gen Pac (kg) Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (kW) 27°C air consumption (m³/ min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) 2 Heat rejection of coolant (kW) Base configuration Standard configuration (add on the base) Engine with fan Intake and exhaust system: Air filter and connecting pipes Connecting flang of exhaust pipes Connecting flang of exhaust pipes	Displacement (L)	3.86	
Fuel consumption (L/h) 9.03		33	
Oil consumption (L/h) Steady state speed regulation (%) Oil capacity including filter (L) Emission The flywheel shell interface Dry weight of base (kg) Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection of coolant (kW) Base configuration Engine with fan Intake and exhaust system: Air filter and connecting pipes Cooling system: Participa pines: Eag quard; Bel	, , , , , , , , , , , , , , , , , , , ,	36	
Steady state speed regulation (%) Oil capacity including filter (L) Emission The flywheel shell interface Dry weight of base (kg) Dry weight of Gen Pac (kg) Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection of coolant (kW) Base configuration Engine with fan Intake and exhaust system: Air filter and connecting pipes Cooling system: Participa pines: Eag quard; Bel		9.03	
regulation (%) Oil capacity including filter (L) Emission The flywheel shell interface Dry weight of base (kg) Overall dimension(base) (mm) Overall dimension (G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection of coolant (kW) Base configuration Engine with fan Alternator 35A 28V SAE3 Flywheel for 11.5" flexible coupling Stage 11.5 flexible coupling 11.5 flexible coupling 12.5 SAE3 Flywheel for 11.5" flexible coupling 34.5 SEAB \$10x680x800 115x680x835 26 115x680x835 34.5 26 115x680x835 34.5 26 27 28 29 20 21.5 21.5 21.5 21.5 21.5 21.5 22 22 23 24 25 26 26 27 27 28 28 29 20 20 20 21.5 21.5 20 20 20 20 20 20 20 20 20 2	Oil consumption (L/h)	0.06	
(L) Emission Stage The flywheel shell interface Dry weight of base (kg) Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Alternator 35A 28V SAE3 Flywheel for 11.5" flexible coupling SAE3 Fl	· · · · · ·	≤5	
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Dry weight of base (kg) Dry weight of Gen Pac (kg) Overall dimension(base)	Emission	Stage	
Dry weight of Gen Pac (kg) Overall dimension(base)	The flywheel shell interface	SAE3 Flywheel for 11.5" flexible coupling	
Overall dimension(base) (mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/ min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Alternator 35A 28V Standard connecting pines: Fan quard: Bell Cooling system: Radigtor with connecting pines: Fan quard: Bell	Dry weight of base (kg)	350	
(mm) Overall dimension(G.P) (mm) Fan consumption (kW) 27°C air consumption (m³/ min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Alternator 35A 28V Standard configuration index of exhaust system: Air filter and connecting pipes Cooling system: Radiator with connecting pipes: Fan quart: Bell	Dry weight of Gen Pac (kg)	375	
(mm) Fan consumption (kW) 27°C air consumption (m³/min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Intake and exhaust system: Air filter and connecting pipes Alternator 35A 28V Connecting flang of exhaust pipe		810x680x800	
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min) Heat rejection of exhaust (kW) Exhaust gas temperature after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Intake and exhaust system: Air filter and connecting pipes Alternator 35A 28V Cooling system: Radiator with connecting pipes: Fan quard: Reli	Fan consumption (kW)	2	
(kW) Exhaust gas temperature after turbine (°C) 580 Exhaust gas flow (m³/min) 8.3 Heat rejection from engine (kW) 2 Heat rejection of coolant (kW) 21.5 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		2.6	
after turbine (°C) Exhaust gas flow (m³/min) Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Alternator 35A 28V South Standard configuration (add on the base) Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes: Fan quard: Religional Cooling system: Radiator with connecting pipes	1	34.5	
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Heat rejection from engine (kW) Heat rejection of coolant (kW) Base configuration Engine with fan Alternator 35A 28V Standard configuration (add on the base) Intake and exhaust system: Air filter and connecting pipes Cooling system: Radiator with connecting pipes: Fan quard: Bell		8.3	
Heat rejection of coolant (kW) Base configuration Standard configuration (add on the base) Engine with fan Intake and exhaust system: Air filter and connecting pipes Alternator 35A 28V Cooling system: Radiator with connecting pipes: Fan quard: Ref	Heat rejection from engine	2	
Engine with fan Intake and exhaust system : Air filter and connecting pipes Alternator 35A 28V Connecting flang of exhaust pipe Cooling system: Radiator with connecting pipes: Fan quard: Bell	Heat rejection of coolant	21.5	
Engine with fan Intake and exhaust system : Air filter and connecting pipes Alternator 35A 28V Connecting flang of exhaust pipe Cooling system: Radiator with connecting pipes: Fan quard: Bell	Base configuration	Standard configuration (add on the base)	
Alternator 35A 28V Connecting flang of exhaust pipe Cooling system: Radiator with connecting pipes: Fan quard: Bell		Intake and exhaust system : Air filter and connecting pipes	
Cooling system: Radiator with connecting pines: Fan quard: Bel	-	Connecting flang of exhaust pipe	
Starter motor 4.5kW 24V guard	Starter motor 4.5kW 24V	Cooling system: Radiator with connecting pipes; Fan guard; Belt guard	



