

EHD Components

EHD Components 2005 (Pty) Ltd

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4TNV88

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Disclaimer

Manufacturer's names, numbers, symbols, photos and descriptions are used for reference purposes only and it is not implied that the parts referred to are the products of those manufacturers

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Engine Model	4TNV88-D1								
Version	CL			VM					
Type	Vertical Inline Diesel Engine								
Combustion System	Direct Injection								
Aspiration	Natural								
No of Cylinders	4								
Bore x Stroke	3.465 x 3.543in (88 x 90mm)								
Displacement	133.618 cu in (2.190 L)								
Continuous Rated Output	rpm(min)	1500	1800						
	hp SAE	22	26.3						
	kW	16.4	19.6						
	PS	22.3	26.7						
Max Rated Out (Net)	rpm(min)	1500	1800	2000	2200	2400	2600	2800	3000
	hp SAE	24.2	29	32.3	35.5	38.7	41.9	45.2	47.4
	kW	18	21.6	24.1	26.5	28.8	31.3	33.7	35.4
	PS	24.5	29.4	32.7	36	39.2	42.5	45.8	48.1
High Idling	rpm(min)	1600±25	1895±25	2205±25	2420±25	2615±25	2810±25	2995±25	3210±25
Engine Weight (Dry) With Flywheel Housing	403.5 lb (183kg)			374.9 lb (170kg)					
PTO Position	Flywheel Side								
Direction of Rotation	Counterclockwise Viewed From Flywheel Side								
Cooling System	Liquid-cooled With Radiator								
Lubricating System	Forced Lubrication With Trochoid Pump								
Normal Oil Pressure at Rated Engine Speed	42 - 57 psi (0.229 - 039 Mpa, 2.96 - 3.98 kgf/cm ²)								
Normal Oil Pressure at Low Idle Speed	8.5 psi (0.06 Mpa, 0.6 kgf/cm ²) or greater								
Starting system	Electric Starting - Starter Motor: DC12V, 1.9hp (1.4kW)								
	Alternator: DC12V, 40A***								
	Recommended Battery Capacity: 12V, 60 Amp-Hour (5h rating)								
Dimension (LxWxH)	26.89x19.63x24.33 in (683x498.5x618mm)			25.91x19.63x24.33 in (658x498.5x618mm)					
Engine Oil Pan Capacity	7.8 / 4.2 qt (7.4 / 4.0 L) (Dipstick Upper Limit / Lower Limit)								
Engine Coolant Capacity	0.7 gal (2.7L) Engine Only								
Standard Cooling Fan	14.57 in (370 mm) O/D, 6 Blades Pusher Type								

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