

Canter Specifications



Model	Vehicle type	6C15			6C15D
	Cab type	Wide, Single			Wide, Double
	Model code	FE84BC6SLEA1	FE84BE6SLEA1	FE84BG6SLEA1	FE84BG6WLEA1
	Crew	3			7
DIMENSIONS mm					
Wheelbase (WHB)		2750	3350	3850	3850
Overall length (OL)		5150	5970	6690	6690
Cabin length (CL)			1613		2613
Overall width			2040		
Cabin width (CW)			1995		
Overall height, approx. (OH)			2160		2200
Tread	Front		1665		
	Rear		1560		
Frame height (back of chassis) approx. *		838	839	839	839
Ground clearance, approx.			180		
Cab to rear axle		2225	2825	3325	2365
Cab to frame end (CTFE)		3545	4365	5085	4125
Max. body length (BL)		3775	4735	5535	4530
Frame width			753		
Front overhang (FO)			1140		
Rear overhang (to frame end) (RO)		1320	1540	1760	1760
Front axle to beginning of body			625		1625
Recommended cab to body gap			100		
WEIGHTS kg					
Curb weight (kg) *		2495	2550	2565	2785
Max. GVW			6500		
	Front		2500		
	Rear		4500		
Max. GCW			10000		
CALCULATED PERFORMANCE					
Max. speed	km/h		127		
Max. gradeability	(tan q)%		45.5		
Min. turning radius (m)	Curb to curb	10.4	12.2	13.8	13.8
	wall to wall	11.4	13.4	15	15
ENGINE					
Model		4M42-3AT4 (EURO4)			
Type		4 stroke, water cooled direct injection, turbo-charged diesel engine with intercooler			
No. of cylinders		4 in line			
Piston displacement		2977 cc			
Max. output (EEC)		107kW/3200min ⁻¹			
Max. torque (EEC)		362Nm/1700min ⁻¹			
Air cleaner		Dry type with paper element with snorkel			
Alternator		A.C. 12 Volt, 75Amp.			
DRIVE LINE					
Clutch	Model	C4W30D			
	Type	Hydraulic control, single dry plate			
	Facing material	Woven (Asbestos free)			
	Facing outside di	300 mm			
Transmission	Model	M036S6			
	Type	6 forward and 1 reverse speed, synchromesh on all gears			
	Gear ratio	5.400 - 3.657 - 2.368 - 1.465 - 1.000 - 0.711, Rev. 5.400			
Propeller shaft	Model	P3			
	Type	Tubular, forged steel ends			
Final reduction gear	Model	D033H			
	Type	Single reduction, hypoid gear			
	Ratio	5.285 (opt. : 4.875)			
CHASSIS					
Front axle	Model	F300T			
	Type	Reverse Elliot "I" beam			
	Rating	2500kg			
Rear axle	Model	R033T			
	Type	Full floating type			
	Rating	4500kg			
Tyre		215/75R16C 116/113			
		Single front, dual rear			
Wheel		16x6K-127-9t, 6 stud, 1 piece (Single nut type)			
Steering		Right hand steering			
		Ball-nut type integral type hydraulic power booster, super wide-span fit and telescopic column with steering lock			
Brake	Service	Hydraulic with vacuum servo assistance, dual circuit, with ABS and load sensing proportioning valve (LSPV) at rear wheels			
	Front	235 mm x 40 mm (Auto-adjuster disc)			
	Rear	235 mm x 40 mm (Auto-adjuster disc)			
	Parking	Internal expanding type on propeller shaft at rear of T/M			
	Auxiliary	Exhaust brake			
Suspension	Type	Semi-elliptic, laminated leaf springs with stabilizer on front and rear axles			
	Front	1500 mm x 70 mm x 18 mm - 2 (span x width x thickness - quantity)			
	Rear/main	1250 mm x 70 mm x 11 mm - 5, 10 mm - 1			
	Rear/helper	990 mm x 70 mm x 11 mm - 4			
Shock absorbers		Hydraulic double acting telescopic type on front and rear axles			
Frame	Type	Parallel tapered channel section with reinforcements and crossmembers			
	Max. section	193 mm x 60 mm x 6.0 mm (depth x upper flange x thickness)			
Fuel tank capacity		100 lts			

Electrical system - batteries	12 Volt, regulated control - 12 Volt, 92 Ah at 5 hr rate (130E41Rx1)	
12 Volt, 115 Ah at 20 hr rate		
CAB		
Construction	Tilt type with torsion bar	Fixed type
All steel welded construction		

* According to 70/156/EEC, including coolant, oil, 90% fuel, spare wheel, tools and 75kg driver