

Canter Specifications



Model	Vehicle type	3C13				3C13D
	Cab type	Wide, Single				Wide, Double
	Model code	FB83BB4SLEA3	FB83BD4SLEA3	FB83BE4SLEA3	FB83BG4SLEA3	FB83BE4WLEA3
	Crew	3				6
DIMENSIONS mm						
Wheelbase (WHB)		2500	2950	3350	3850	3350
Overall length (OL)		4900	5570	5970	6690	5970
Cabin length (CL)		1613				2613
Overall width		1995				
Cabin width (CW)		1995				
Overall height, approx. (OH)		2130				2175
Tread	Front	1640				
	Rear	1500				
Frame height (back of chassis) approx. *		770	770	765	769	751
Ground clearance, approx.		170				
Cab to rear axle		1975	2425	2825	3325	1865
Cab to frame end (CTFE)		3295	3965	4365	5085	3405
Max. body length (BL)		3375	4095	4735	5535	3530
Frame width		750				
Front overhang (FO)		1140				
Rear overhang (to frame end) (RO)		1320	1540	1540	1760	1540
Front axle to beginning of body		625				1625
Recommended cab to body gap		100				
WEIGHTS kg						
Curb weight (kg) *		2035	2060	2075	2090	2280
Max. GVW		3500				
	Front	1900				1950
	Rear	2640				2700
Max. GCW		7000				
CALCULATED PERFORMANCE						
Max. speed	km/h	130				
Max. gradeability (tan α)%		55.5				
Min. turning radius (m)	Curb to curb	9.6	11	12.2	13.8	12.2
	wall to wall	10.6	12.2	13.4	15	13.4
ENGINE						
Model		4M42-3AT2 (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)		92kW/3200min ⁻¹				
Max. torque (EEC)		294Nm/1700min ⁻¹				
Air cleaner		Dry type with paper element with snorkel				
Alternator		A.C. 12 Volt, 75Amp.				
DRIVE LINE						
Clutch	Model	C3W28D				
	Type	Hydraulic control, single dry plate				
	Facing material	Woven (Asbestos free)				
	Facing outside diameter	275 mm				
Transmission	Model	M027S5				
	Type	5 forward and 1 reverse speed, synchromesh on all gears				
	Gear ratio	4.748 - 2.692 - 1.593 - 1.000 - 0.787, Rev. 4.748				
Propeller shaft	Model	P2				
	Type	Tubular, forged steel ends				
Final reduction gear	Model	D1H				
	Type	Single reduction, hypoid gear				
	Ratio	4.444 (opt. Single cab : 4.111/ 4.625, double cab : 4.625)				
CHASSIS						
Front axle	Model	F100T				
	Type	Reverse Elliot "I" beam				
	Rating	1900kg				1950kg
Rear axle	Model	R015T				
	Type	Full floating type				
	Rating	2640kg				2700kg
Tyre		195/75R16 C 107/105				
		Single front, dual rear				
Wheel		16x5JK-110-7t, 6 stud, 1piece (Single nut type)				
Steering		Right hand steering				
		Ball-nut type integral type hydraulic power booster, super wide-span tilt and telescopic column with steering lock				
Brake	Service	Hydraulic with vacuum servo assistance, dual circuit, with load sensing proportioning valve (LSPV) at rear wheels				
	Front	239 mm x 24 mm (Auto-adjuster disc)				
	Rear	214 mm x 24 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 16 mm - 2			1500x70x17-2	
		(span x width x thickness - quantity)				(same left)
	Rear/main	1250 mm x 70 mm x 10 mm - 3, 18 mm - 1				
	Rear/helper	Rubber				
Shock absorbers		Hydraulic double acting telescopic type on front and rear axles				
Frame	Type	Parallel tapered channel section with reinforcements and crossmembers				
	Max. section	190 mm x 55 mm x 4.5 mm (depth x upper flange x thickness)				
Fuel tank capacity		80 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