SINOTRUK HOWO 4x2 TRACTOR TRUCKS

Model		ZZ4187M3511W ZZ4187M3511V	ZZ4187N3511W ZZ4187N3511V	ZZ4187S3511W ZZ4187S3511V	ZZ4187V3511W ZZ4187V3511V
Engine	Model	WD615.62 WD615.87	WD615.69	WD615.47	D12.42
	Emission	EURO Ⅱ			
	Maximum Output	266HP (196Kw)/2200rpm 290HP (213Kw)/2200rpm	336HP (247Kw)/2200rpm	371HP (273Kw)/2200rpm	420HP (309Kw)/2000rpm
	Maximum Torque	1100Nm /1300-1600rpm 1160Nm /1300-1600rpm	1300Nm /1300-1600rpm	1470Nm /1300-1600rpm	1820Nm /1100-1500rpm
	Number of Cylinder	6			
	Displacement (L)	9.726			11.596
	Bore/Stroke(mm)	126/130			126/155
	Fuel	Diesel			
	Ignition Sequence	1-5-3-6-2-4			
	Specification	4-stroke 6-cylinder in-line with water cooling, turbo-charging and intercooling			
Gearbox	Model	HW13710/HW15710		HW19710/HW19712/HW20716	
	Operation	Manual			
	Speeds	10 Forward/2 Reverse		10(12, 16) Forward/2 Reverse	
	Ratio				
Front Axle	Model	HF7			
	Rated load(kg)	7000			
	Max. steering angle of inner wheel(°)	45			
	Kingpin inclination(°)	3			
	Camber angle(°)	1			
	Spring gage(mm)	850～900			
	Brake	Air drum brake			
	Min rim size(inch)	20			
Driving Axle	Model	ST16, HC16, MCY13			
	Type	ST16	Central single reduction + hub reduction, welded axle housing.		
		HC16			
		MCY13	Central single reduction, welded axle housing.		
	Rated load(kg)	13000			
	Ratio	ST16	3.93/4.42/4.80/5.73/6.72/9.49/10.89		
		HC16			
		MCY13	3.08/3.36/3.7/4.11/4.63/5.29		
	Spring gage(mm)	1010			
	Wheel tread(mm)	1850			
	Input flange	Φ180			
	Differential device	Inter-wheel			
	Brake	Drum Φ420×185			
	Weight(Without lubricants)(kg)	800			
	Wheel bolt(mm)	Φ335-10×M22×1.5			
	Min rim size(inch)	20			
	Lubricants(L)	GL5 85W-90			
Cab	Model	HW76	HW79	HW79	HW76
	Bunk	1	2	2	1
	Air Conditioner	With			
Steering		ZF power steering, model ZF8098, hydraulic steering with power assistance Ratio: 26.2			
Electrics	Operating voltage	24 V, negative grounded			
	Starter	24 V, 5.4 Kw			
	Alternator	3-phrase, 28 V, 1500 W			
	Batteries	2 x 12 V, 165 Ah			
	Others	Cigar-lighter, horn, headlamps, fog lights, brake lights, indicators and reverse light			
Tyre	Rims	8.5-20, 10 hole-steel			
	Opition	295/80R22.5, 315/80R22.5, 11.00-20, 11.00R20, 12.00-20, 12.00R20			
Brake	Service brake	Dual circuit compressed air brake			
	Parking brake (emergency brake)	Spring energy, compressed air operating on rear wheels			
	Auxiliary brake	Engine exhaust brake			
Dimensions	Wheel base (mm)	3500			
	Overall length (mm)	6110			
	Overall width (mm)	2496			
	Overall height (mm)	3390	3710	3710	3390
Weight (kg)	Permissible loading capacity (kg)	10000	15000	20000	25000
	Chassis dead weight (kg)	7180			
	Front axles loading capacity (kg)	7000			
	Rear axles loading capacity (kg)	13000			
Performance	Maximum driving speed (km/h)	102			
	Maximum gradeability (%)	34			
	Minimum ground clearance (mm)	298			
	Minimum turning circle (m)	14.2			
	Fuel consumption (1/100 km)	38			
Opition	Color	Blue/White/Yellow/Green/Red			
	Brake	ABS, EVB			