

ENGINE

Model	DE12TIS
Type	Turbo intercooler, diesel engine
Max. Power	340ps(250kW) @ 2,100 rpm
Max. Torque	145kg.m(1421Nm) @ 1,260 rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123 x 155 (mm)
Displacement	11,051cc
Controller type	Mechanical
Air cleaner	Dry paper elements

TRANSMISSION

Model	T15S6
Type	F6/R1
1st	7.263
2nd	4.207
3rd	2.526s
4th	1.569
5th	1.000
6th	0.699
Reverse	6.857

BRAKES

Service:	Full Air Brake
Drum diameter:	410 mm
Lining Front:	414x155mm
Rear:	414x203mm
Material:	Non-Asbestos
Parking:	Acting on spring actuator at rear wheels
Auxiliary:	Exhaust brake

AXLES

Front	Reverse elliot "I" beam	Capacity : 6,500 kg
Rear	Banjo single reduction	Final drive ratio : 5.571
	Capacity : 23,000 kg	

FUEL TANK

Mounted on right-hand
Side Under the frame
Capacity - 400 liter

WHEELS & TIRES

Front: 12R22.5-16PR, 8.25x22.5
Rear: 12R22.5-16PR, 8.25x22.5

STEERING

Driving position	Left(Right)-hand drive
Type	Recirculating ball with integral Power assisted by oil
Steering column	Tilt & telescopic
Steering wheel	2-spoke wheel with horn button

CLUTCH

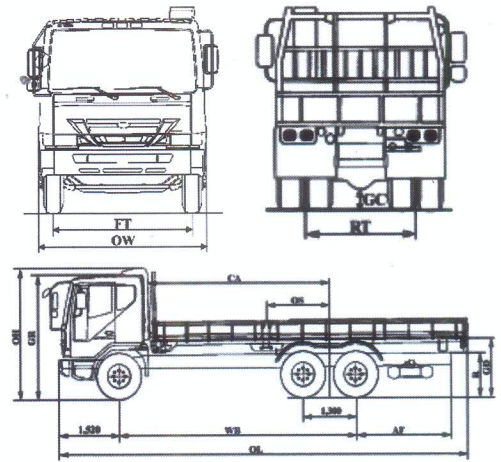
Type	Hydraulic control with air assisted Dry single plate with diaphragm
Plate diameter	Out side diameter : 430mm

SUSPENSION

Front suspension	Type : semi-elliptical leaf spring Size(LxW) : 1,500 x 90 (mm)
Rear suspension	Type : semi-elliptical leaf spring Size(LxW) : 1,300 x 90 (mm)

ELECTRICAL SYSTEM

Batteries	12 volt-150Ahx2
Alternator	24 volt / 80 amp
Starter	24 volt / 6.0kW

20 TONS RIGID TRUCK (LWB) - K9AEF**DIMENSIONS (mm)**

OL	Overall length	11,625
OW	Overall width	2,495
OH	Overall height	2,990
FT	Tread - front	2,060
RT	Tread - rear	1,855
WB	Wheelbase	7,000
AF	Rear axle to frame	2,710
GR	Ground to roof	2,915
R	Frame-ground above bogie	1,100
CA	Usable cab to axle	5,625
OS	Deck offset	900
GD	Ground to deck floor	1,435
GC	Min. ground clearance	270
	Deck inside length	9,100
	Deck inside width	2,350
	Deck inside height	450

WEIGHT (kg)

Chassis weight	Front	3,925
	Rear	5,040
	Total	8,965
Curb weight		11,120
Nominal Payload		11,500
Axle load	Front	6,500
	Rear	23,000
Permissible payload		20,535
Permissible G.V.W		29,500

CALCULATED PERFORMANCE

Max. speed(km/h)	108
Max. gradeability(%)	34.7
Min. turning radius (m)	10.6

FRAME

Type	Ladder type, single channel
Size (HxVxt)	320 x 90 x 8 (mm)
Towing hook	Equipped front & rear