

Data Sheet for Hino 500 Series
FM8JR7A-SG3.(6x4)
Hino Water Tanker 16,000 Liter

Chassis Model : Hino 52827	
Chassis Code : FM8JR7A-SG3	
Year Model : 2022 or newer	
Country of Manufacturer : Japan For Chassis & Water Tanker(Kyokuto).	
Dimensions	mm
Overall Length (OL)	9,700
Overall Width (OW)	2,490
Overall Height (OH)	2,780
Wheel base (WB)	4,630+1350
Weights	Kg
Vehicle mass	7,175
Loading capacity (Payload)	20,825
Rating Gross Vehicle Mass (GVMR)	28,000
Engine	
Model & Emission	HINO J08E-WH- EURO3
Type	Diesel, Turbocharged and intercooled, 4cycle, in-line 6 Cylinder, overhead camshaft, water cooled. Suitable for weather and dusty area in Iraq.
Combustion system	Direct injection type
Displacement (L)	7.684 L
Compression ratio	18.0 : 1
Maximum Power /Speed	195 kW (265PS) @2,500 rpm (JIS Gross) 191 kW (260PS) @2,500 rpm (ISO Net)
Maximum Torque /Speed	804 Nm (82kgfm) @1,500 rpm (JIS Gross) 794 Nm (81kgfm) @1,500 rpm (ISO Net)
Fuel System(Fuel injection pump)	Electronic control, common rail type, suitable for Iraqi Diesel / fuel.
Clutch	
Type	CSP-380, dry single plate with damper springs.
Gear Box	

ر. مهندسين اقدم
نجم عبد شهابي
ر. لجنة

ر. مهندسين اقدم
ماجد عزيز جبر
عضو

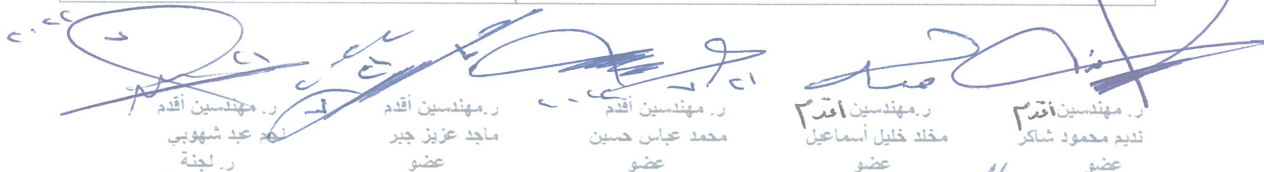
ر. مهندسين اقدم
محمد عباس حسين
عضو

ر. مهندسين اقدم
مخلد خليل اسناجيل
عضو

ر. مهندسين اقدم
تديم محمود شاكر
عضو

**Data Sheet for Hino 500 Series
FM8JR7A-SG3.(6x4)
Hino Water Tanker 16,000 Liter**

Model	M009, manual 9-speeds, synchromesh, Direct drive.
Axles	
Front Axle	
Type	Reversed Elliot, " I " section beam.
Rating Capacity (kg)	7,500.
Rear Axle	
Type	Full-floating, single reduction, single speed by hypoid gearings, with inter axle differential lock.
Rating Capacity (kg)	21,800
Steering	
Type	Telescopic and tilt steering column, recirculating ball integral power steering.
Tire & Wheel	
Front	Front: 315/80R22.5.
Rear	Rear: 295/80R22.5.
No. of Tires	11 (including 1 spare tire)
Wheels	Front: 22.5 x 9.00 Rear: 22.5 x 8.25 ISO 10 stud wheel
Suspension	
Front	Semi-elliptic leaf springs (reinforced type) with single action shock absorbers.
Rear	Semi-elliptic leaf springs.
Braking System	
Service Brake	Full air, S-cam, leading and trailing shoes, Dual circuit, ABS Equipped.
Parking Brake	Air operated spring break acting on front and first rear axle, for emergency and parking purpose.
Exhaust Brake	Equipped.
Electrical	



Data Sheet for Hino 500 Series
FM8JR7A-SG3.(6x4)
Hino Water Tanker 16,000 Liter

General Technical specifications for 16,000L KYOKUTO Non - Potable Water
Tanker

ملاحظة: الجزء التخصصي ترك قبول مواصفاته الى الجهة المستفيدة وليس من مسؤولية اللجنة.

Make and Model: Kyokuto Japan LH16-30	
GENERAL	
The water tank truck is designed for transporting water effectively. Water can be loaded or unloaded by gravity or by a pump installed on the vehicle.	
CAPACITY	
Max. loading capacity	16,000 L
Tank volume	17,000 L
Tank Weight	3,700 Kg
LOAD	
Suitable load	Water
CONSTRUCTION & DIMENSIONS	
Tank Construction	Ellipse sectioned cylindrical tank with one-compartment tank with a manhole hatch equipped with an air breather
Manhole	
Hatch type	1
Closed type	1
Internal surface treatment	Zinc metal spraying
Dimensions (Inside)	
Length	6,840 mm
width	2,400 mm
Height	1,350 mm

ر. مهندسين أقدم
نجم عبد شهوي
ر. لجنة

ر. مهندسين أقدم
ماجد عزيز جبر
عضو

ر. مهندسين أقدم
محمد عباس حسين
عضو


ر. مهندسين أقدم
مخلد خليل أسماعيل
عضو

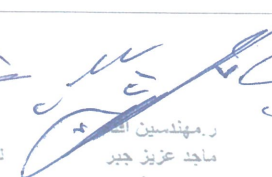
ر. مهندسين أقدم
نديم محمود شاكر
عضو

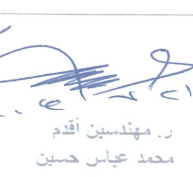
ممثل الشركة المجهزة
ر. م. م. خالد محمد العبد

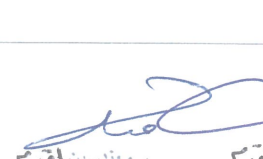
Data Sheet for Hino 500 Series
FM8JR7A-SG3.(6x4)
Hino Water Tanker 16,000 Liter


Material & Thickness	Mild steel plate 4.5 & 6 mm
Shell	Mild steel plate 4.5 mm
End plate	Mild steel plate 3.2 mm
Buffer plate	Steel pipe
Piping	
Pump	
Type	Centrifugal pump
Capacity	Approx. 600 L/min at 2500 r/min (as an independent performance)
Piping : for details see piping diagram	
Piping material	Steel pipe
Water supply piping (only unloads by gravity)	
Supply port	4
Port size	¾ inch
Power Train	
Transmission P.T.O → Drive Shaft → Pulley & V-belt → Pump	
Control	
P.T.O Control	Switch installed in a cab
Accessories	
• Suction hose: 63.5mm 12.5 in} X 3m	2
• Hose packing (Spare)	3
• Hose wrench	2
• Strainer for hose	1
• Tool box	1
• Hose box	2
• Spare tire carrier	1
• Level gauge	1

 ر. مهندس أقدم
 نجم عبد شهبوب
 ر. لجنة

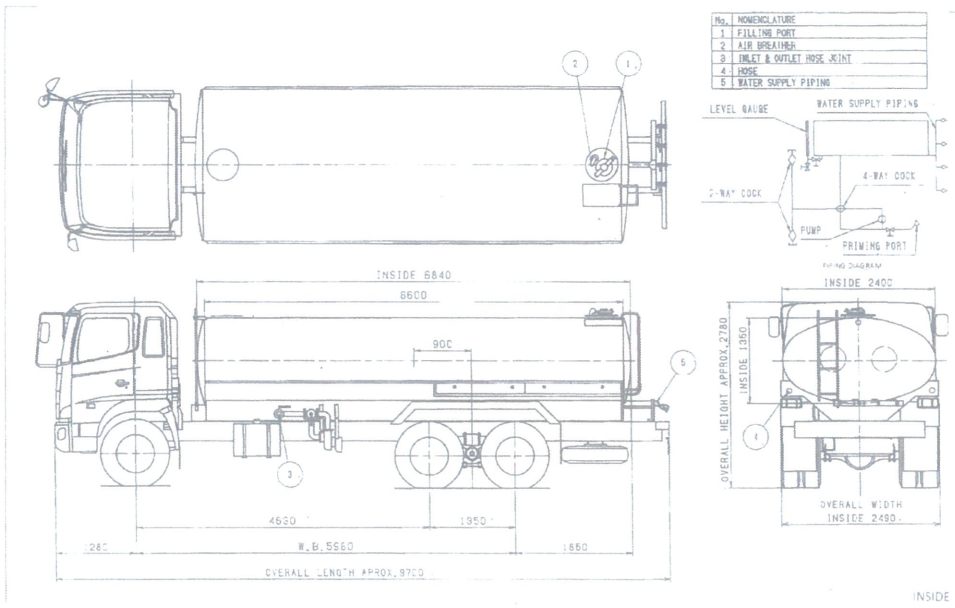
 ر. مهندس الفيز
 ماجد عزيز جبر
 عضو

 ر. مهندس أقدم
 محمد عباس حسين
 عضو

 ر. مهندس أقدم
 مخد خليل أسماويل
 عضو

 ر. مهندس أقدم
 نديم محمود شاكر
 عضو

Data Sheet for Hino 500 Series
 FM8JR7A-SG3.(6x4)
 Hino Water Tanker 16,000 Liter



ر. مهندسين أقدم
 نجم عبد شهبوي
 ر. لجنة

ر. مهندسين أقدم
 ماجد عزيز جبر
 عضو

ر. مهندسين أقدم
 محمد عباس حسين
 عضو

ر. مهندسين أقدم
 مخد خليل اسماعيل
 عضو

ر. مهندسين أقدم
 نديم محمود شاكر
 عضو

ممثل الشركة المجهزة
 ر. م. خالد حمد اسما