

# MVS3L2-W462DG-NP2

**Tier 4 Final**  
**13.7kW @ 1800 rpm**



## SPECIFICATIONS

Model	MVS3L2-W462DG-NP2
Type	4 cycle water-cooled, vertical overhead valve, cylinder in line, swirl chamber type
Bore X Stroke (mm)	78mm x 92mm
Cylinder Arrangement	1 - 3 - 2
Total Displacement	1.318
Combustion System	IDI
Dry Weight- kg/lbs.	140kg
Starting System	Electric
Fuel Oil	Diesel

## POWER RATING

Constant	13.7kW/1800 rpm
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DISCLAIMER All information provided is believed to be correct but is not guaranteed and subject to change without notice

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# MVS3L2-W462DG-NP2

## CONSTRUCTION

Ribbed thin-wall cast iron crankcase for added strength and durability  
Internal crankcase breather for reduced emissions  
Extra large bearing surfaces for low bearing loads and long life

## EMISSION CONTROL SYSTEM

Electronic Governor

## LUBRICATION

Designed to run at 25° degrees of inclination and includes a full flow spin-on cartridge filter  
Forced circulation by gear pump  
Oil Capacity: S3L2: 1.10 gal (4.2 ltr)

## COOLING

Forced circulation by centrifugal pump  
Cooling packages available for ambient temperatures up to 108° F (42° C)  
Cooling Fan (Std. Eqt.)

## FUEL & COMBUSTION SYSTEMS

Bosch style fuel injection pump  
indirect injection combustion system for low noise and emissions  
Cylinder head is a pre-chamber design to increase efficiency of combustion

## ELECTRIC SYSTEM

Starter: 12V, 1.7kW  
Alternator: 12V, 50 amp with integral voltage regulator  
Glow Plugs: 12V  
High water temperature and low oil pressure switches  
Stop Solenoid: 12V integrated ETR stop solenoid eliminates external linkage

## MOUNTING

Standard crankcase side mounting pads for flexible mounting arrangements  
Rear engine support available from side mounting pads on SAE 5 housing

## DRIVES

SAE 5 flywheel housing an 7.5 in SAE flywheel  
Rotation direction: counter-clockwise, facing the flywheel end  
Side PTO drives are available for mounting at the gear end

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