



GAAM MK150

Diesel Powered Fire Fighting Pumpset

The GAAM MK 150 pumpset has been engineered and developed for tactical firefighting to meet the need of fire services. This new generation diesel powered fire fighting pumpset incorporates a design providing long life reliability with a minimum of maintenance.

Features:

- > Flow rates to 950 L/min.
- > Pressures to 1100 kPa.
- > Cast Iron / Aluminium alloy pump casing.
- > Stainless steel shaft.
- > Bronze impellers, hydraulically balanced.
- > Mechanical seal.
- > Multi position discharge outlet.
- > Range of options.

BASIC UNIT

Engine

- > Lombardini model 12LD 435-2/B1 air cooled diesel engine.
- > Power rating 13.2 kW @ 3600 rpm.
- > 12 volt electric start.
- > Oil bath air cleaner.
- > 7 Litre fuel tank.
- > Horizontal muffler.
- > Ignition switch & start button.
- > Steel engine mounting points.



Pump

- > GAAM MK150, single stage centrifugal pump.
- > Hydraulically balanced bronze impellers.
- > Stainless steel shaft.
- > Replaceable bronze wear rings.
- > Mechanical seal, self adjusting carbon face with ceramic seat.
- > Suction 80mm Table 'D' flange.
- > Discharge, 50mm Table 'D' flange.

Pump/engine assembly

Close coupled, pump rigidly fixed to engine.

Dimensions

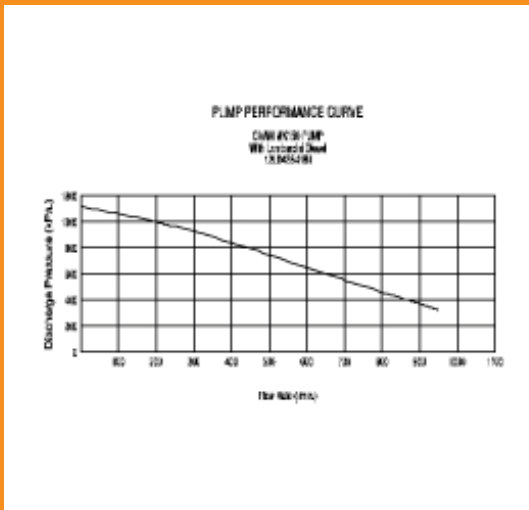
680 mm (L) x 431 mm (W) x 537 mm (H)

Mass

102 kg

Pump Performance

The total head shown on the performance curve includes suction lift. Therefore the pressure available at the pump discharge flange will be reduced by the "Suction Lift" expressed in kPa (eg. 3 metre lift is equivalent to 30kPa).



OPTIONS

Engine

- > Deep sump
- > Vibration mounts
- > Noise attenuation canopy
- > Alternative engine brands are available

Pump

Alternative discharge positions 3 , 6 , 9 or 12 o'clock

Discharge Manifold

Various discharge manifolds, valves and couplings

Priming System

- > Manual - GAAM Series 500 diaphragm, Or
- > Electric - Hale 12v model ESP rotary vane priming system.

Foam System (Class A applications)

- > Manual - Quenchmaster around the pump type Model SA300 remote or Model CP500 panel mount, or
- > Automatic - Hale Foam Master model 1.0v balanced pressure flow based demand system.

Instruments and Controls

Fixed or remote instrument panel.

The following instruments and controls are available to be fitted in either instrument panel.

- > Pressure gauge
- > Compound gauge
- > Engine Start Button
- > Engine oil pressure gauge
- > Twist lock Vernier throttle
- > Engine Stop Control
- > Tachometer
- > Hour Meter
- > Engine temperature gauge

Electrical

Battery, cradle and leads.

Framework

Base frames are available.

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