

GAAM MK250

Diesel Powered Fire Fighting Pumpset

The GAAM MK 250 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 1000l/min.
- > Pressures to 1200 kPa.
- > 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 14.7 @ 3.600 rpm.
- > Oil bath air cleaner.
- > 8 Litre fuel tank
- > Horizontal muffler.
- > Ignition switch & start button.
- > 4 Steel mounting points.

Pump

- > GAAM MK250, 2 stage centrifugal pump
- > Hydraulically balanced bronze impellers.
- > Stainless steel shaft.
- > Replaceable bronze wear rings
- > Mechanical seal, self adjustable carbon face with ceramic seat.
- > Suction: 75mm BSP female.
- > Discharge: 50mm Table 'D' flange.

Pump Engine Assembly

Close coupled, pump rigidly fixed to engine



Dimensions

520 mm (W) x 745mm (L) x 537 mm (H)

Mass

145 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 available
- > Alternative engine brands are available

Pump

Alternative discharge positions

Product

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 SA 300 remote or model CP500 panel mount.
- > Automatic - Hale Foam Master model 1.0v balanced pressure flow based demand

Instruments and Controls

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

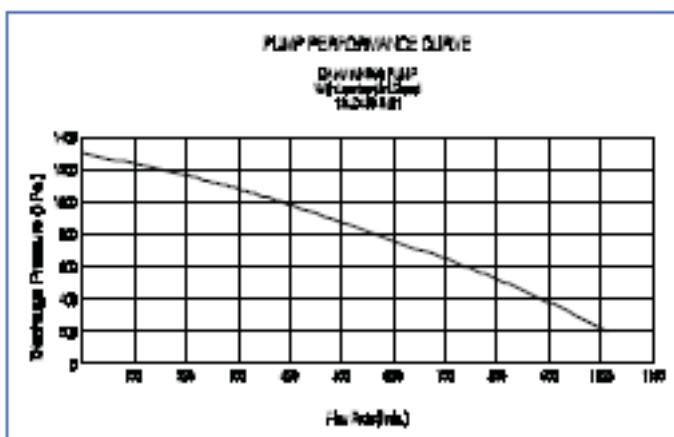
- > Pressure gauge
- > Compound gauge
- > Tachometer / Hourmeter
- > Engine Start Button
- > Engine Stop Control
- > Engine oil pressure gauge
- > Engine temperature gauge
- > Twist lock verier throttle

Electrical

Battery, cradle and leads.

Framework

Various base frames are available.



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