

SELF PRIMING ENGINE DRIVEN PUMPS

RB216

ROBUSTA
Hydraulic System

VIESSE
POMPE ITALIA



VERSIONS

Code	RB216AGVLD44+T
PUMP	
RPM	3400
P MAX pump (kW)	7.2
Q MAX (m³/h)	50
H MAX (m)	41
Ø Inlet/outlet DN (mm - ")	50 (2")
Ø Impeller (mm)	158
Free solids passage MAX size (mm)	25 x 22

ENGINE DRIVEN

Brand	Lombardini 15LD440
N. cylinders	1
Displacement (cc)	442
Motor power - MAX (kW)	8.1
Cooling	Air
Fuel	Diesel
Starting system	Recoil *

PUMP SET UP AVAILABLE

Coupling versions	Direct / Monobloc
Tank capacity (L)	5.0
Total weight version +T (kg) **	102
Base frame (+B)	✓
Trailer (+T) simple version manually-driven	✓

OPTIONAL ACCESSORIES

Flanged rapid coupling



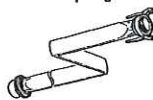
90° bend



Suction hose with coupling and strainer



Delivery flexible hose with couplings



The self priming pumps "Robusta", are designed to comply to the hardest and heavy duty applications, such as: building, emergency and industrial sectors.

The open-blade double-curvature impeller, unique across the world, ensures a superior priming ability voiding the need of a foot valve installation. The high thickness of the pump body and of the impeller blades, allow the handling of more abrasive fluids and large passage of solids.

FEATURES

- ✓ EN-JL1030 cast iron construction according to UNI EN 1561 with modular body.
- ✓ Replaceable screw-less armoured internal volute in EN-JS1030 nodular cast iron according to UNI EN 1563.
- ✓ Mechanical seal in high resistance hard metal.
- ✓ Large-size inspection hatches to facilitate cleaning and inspection.
- ✓ Standardised EN1092-1:2003 flanged inlet and outlet with built in threaded rod.
- ✓ Rapid self-priming up to 8 meters in vertical position.
- ✓ These pumps are suitable for Aviation Fuel, Jet Fuel, Diesel, Gasoline & Kerosene.

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MATERIAL OF CONSTRUCTION

Pump body	Cast Iron GJL250
Armoured volute	Nodular cast iron GJS400
Open-blade impeller	Nodular cast iron GJS400
Mechanical Seal	Silicon Carbide / Viton™
Shaft	Steel C40
Elastomers	Nitrile
Valve and Gasket	Viton™

Special metallurgies available on demand.

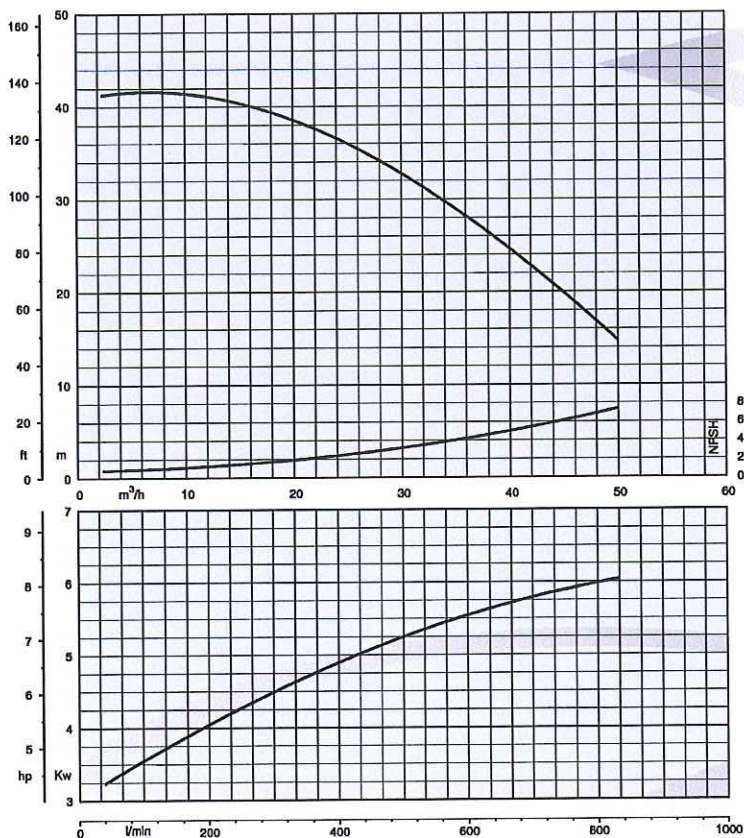
* Version with electric start available on trolley (+TE) - Version with electric start available on base frame (+BE)
** Empty tank.

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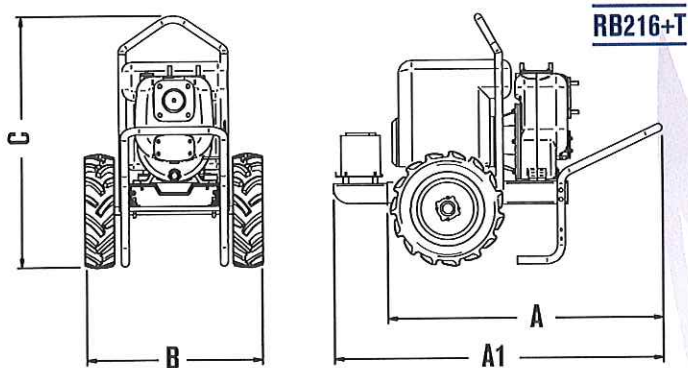


RB 216 revision: 17-06-20

PUMP PERFORMANCE RANGE

RB216AGVLD44+T

Performances are subjected to variations based on NPSH available.

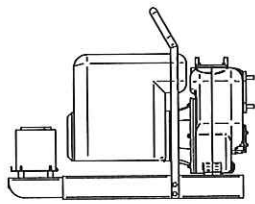
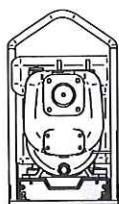


RB216+T

DIMENSIONS mm

	A	A1	B	C
Version +T	1000	770	585	1000

All dimensions and data a.m. reported are indicative, not binding and subjected to modifications without notice.



RB216+B

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