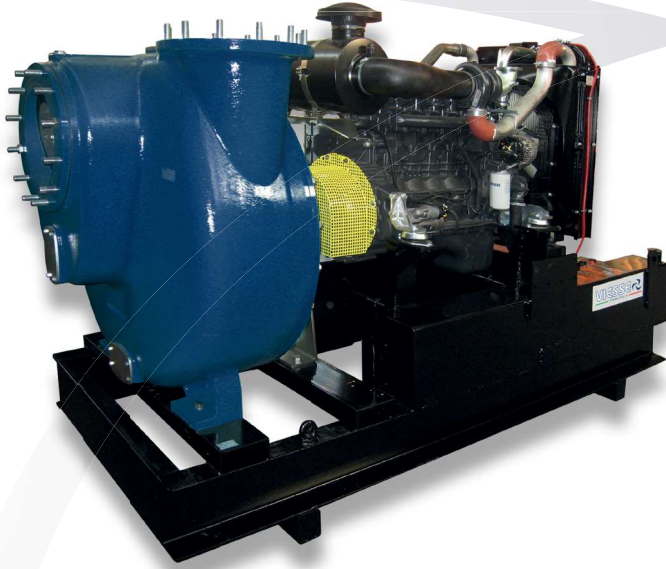


SELF PRIMING ENGINE DRIVEN PUMPS

RB1240



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.

VERSIONS

Code	RB1240AGS6/R2/KD34+BT	RB1240AGS6/R2/F3609+BT
PUMP		
RPM	1100	1100
P MAX pump (kW)	71	71
Q MAX (m³/h)	1250	1250
H MAX (m)	19	19
Ø Inlet/outlet DN (mm - ")	300 (12")	300 (12")
Ø Impeller (mm)	400	400
Free solids passage MAX size (mm)	95	95

ENGINE

Model	Kohler KDI 3404E5	FPT F36ENTVP20
N. cylinders	4	4
Displacement (cc)	3359	3595
Motor power - MAX (kW)	81	90
Cooling	Water	Water
Fuel	Diesel	Diesel
Starting system	Electric	Electric
Emissions standard	Stage V	Stage V

PUMP SET UP AVAILABLE

Coupling versions	Flexible joint with gear reductor	Flexible joint with gear reductor
Tank capacity (L)	200	200
Total weight (kg) *	1800	1850
Base frame (+B) / Simple trailer (+T)	-	-
Base tank (+BT) / Tank trailer (+TT)	✓ / ✓	✓ / ✓

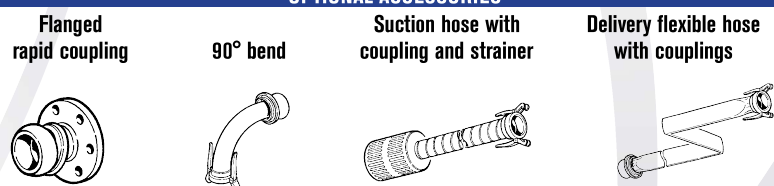
* Empty tank.

STANDARD MATERIAL OF CONSTRUCTION

Pump body	Cast Iron GJL250
Armored volute	Nodular cast iron GJS400
Open-blade impeller	Nodular cast iron GJS400
Mechanical Seal	Silicon Carbide / Viton®
Shaft	Steel C40
Elastomers	Nitrile

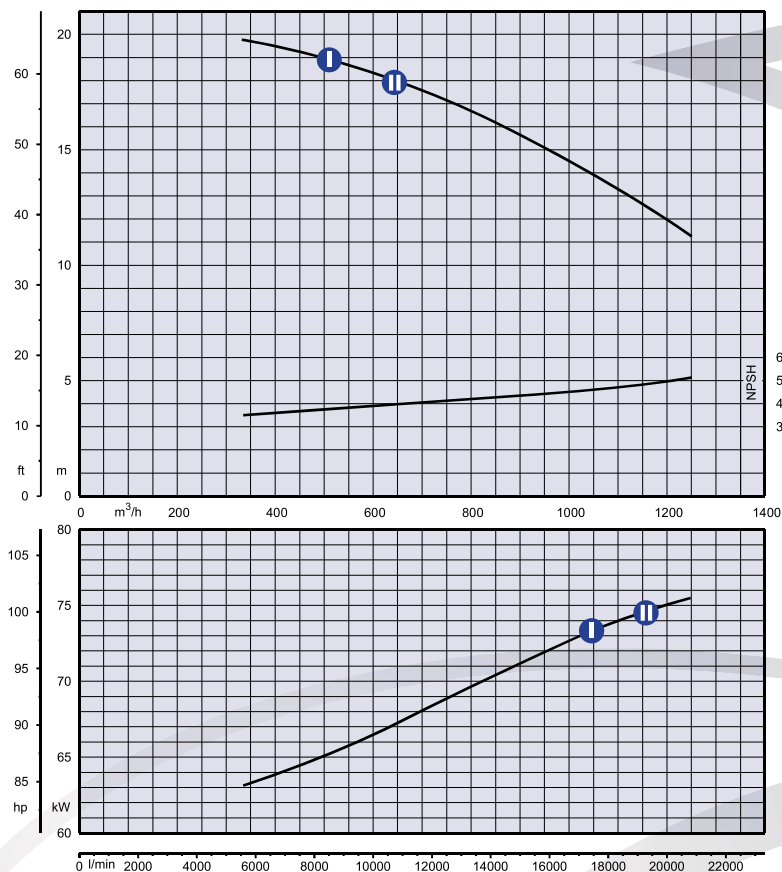
Special metallurgies available on demand.

OPTIONAL ACCESSORIES



SELF PRIMING ENGINE DRIVEN PUMPS

RB1240



PUMP PERFORMANCE RANGE

I **RB1240AGS6/R2/KD34+BT**

II **RB1240AGS6/R2/F3609+BT**

Performances are subjected to variations based on NPSH available.

DIMENSIONS mm

A B C

Version +BT 3000 1000 1500

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

RB1240+BT

