

# LB 80B, LB 80D, LB 80E, LB 100B, LB 100D, LB 100E

## Diaphragm self-priming portable pumps



The LB pump series offers two models, each with three options on the power source. To enable maximum versatility and to make a pump that fits with your needs, we offer a choice of gasoline, diesel or electric power.

The LB series was made for tough applications and excels when it comes to pumping sludgy water or water with large solids. Despite its extreme ruggedness, the LB pump series maintains the extreme portability you have come to expect from our small pump range.

### Typical applications

- Recirculation of bentonite and drilling mud
- Sludge removal
- Pumping sewage or other liquids containing fibrous material
- Pumping cutting or dressing water circulation in stone industries
- Cleaning manholes

### Specifications

Model	LB 80B	LB 80D	LB 100B	LB 100D	LB 80E	LB 100E
Suction/discharge	3" BSP thread	3" BSP thread	4" BSP thread	4" BSP thread	3" BSP thread	4" BSP thread
Max. flow rate	325 l/min	325 l/min	530 l/min	530 l/min	325 l/min	520 l/min
Max. head	15 m	15 m	15 m	15 m	15 m	15 m
Solids handling	50 mm (2")	50 mm (2")	50 mm (2")	50 mm (2")	50 mm (2")	50 mm (2")
Max. viscosity	1000 cSt	1000 cSt	1000 cSt	1000 cSt	1000 cSt	1000 cSt
Weight (dry)	74 kg	92 kg	144 kg	155 kg	71 kg	137 kg

### Pump set

Model	LB 80B	LB 80D	LB 100B	LB 100D	LB 80E	LB 100E
Pump type	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Membrane	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene
Casted parts	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Discharge / suction	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Valves	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene

### Engine - Diesel & Gasoline

Model	LB 80B	LB 80D	LB 100B	LB 100D
Model	Honda GX 160	Lombardini 15LD225	Honda GX 270	Lombardini 15LD350
Type	Gasoline	Diesel	Gasoline	Diesel
Displacement	163 cm <sup>3</sup>	224 cm <sup>3</sup>	389 cm <sup>3</sup>	349 cm <sup>3</sup>
Cylinder	1	1	1	1
Max power	3,3 kW	2,7 kW	5,7 kW	4,0 kW
Speed	Varariable max 2.900	Varariable max 2.900	Variable max 2.800	Variable max 2.800
Max. fuel consumption	1,2 l/h	0,8 l/h	2,7 l/h	1,2 l/h
Tank	3,6 l	3,0 l	6,5 l	4,3 l
Starting	recoil	recoil	recoil	recoil

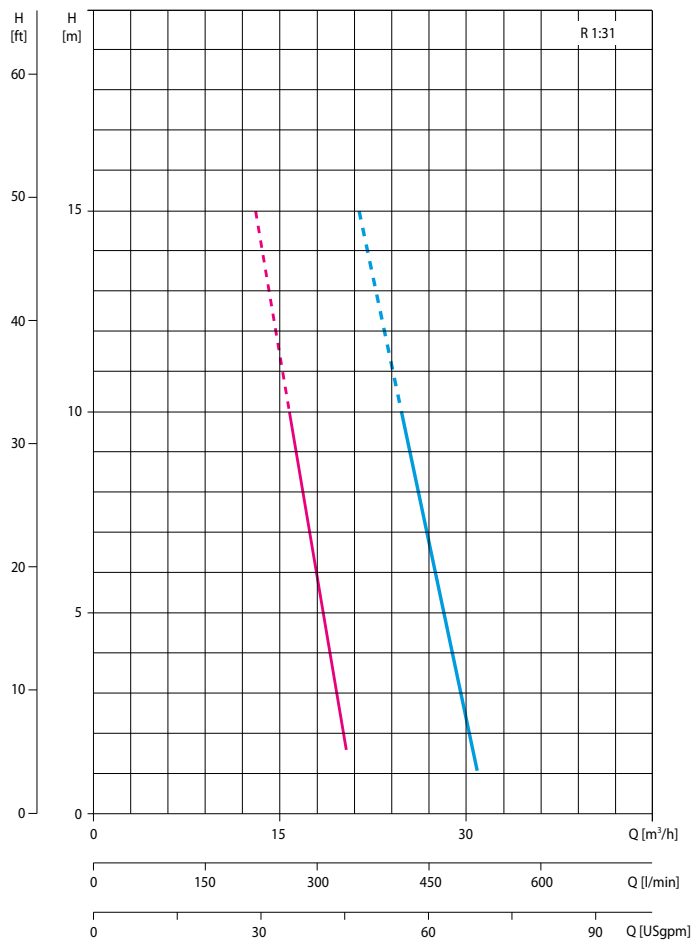
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### Engine - Electric

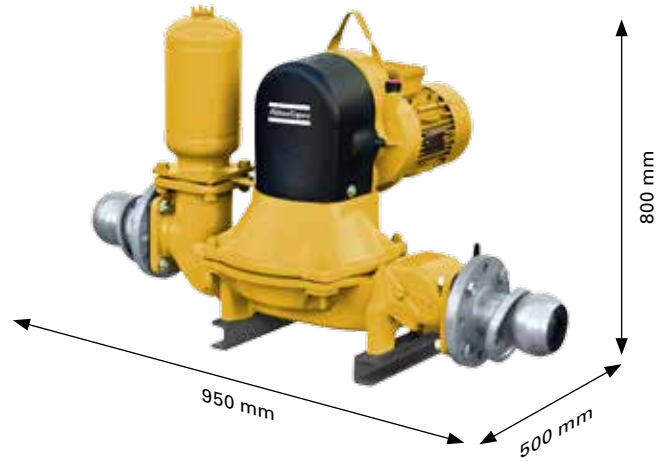
Model	LB 80E	LB 100E
Model	Three-phase	Three-phase
Voltage	230-400 V	230-400 V
Frequency	50 Hz	50 Hz
Rated power	2,2 kW	3,0 kW
Rated current	4,5 A (400 V)	6,3 A (400 V)
Speed	2,900	1,450

### Performance curve



LB 80 (all models) LB 100 (all models)

### Dimensions LB 80 (all models)



### Dimensions LB 100 (all models)

