

Stromme 50 MB Diaphragm Pump

Product description

- The Stromme 50 MB Diaphragm Pump is a compact and effective portable air operated oscillating displacement pump which pumps the product through two chambers. Both of these chambers are separated into an air and a product section.
- The pumping is done by shuttling the compressed air acting on the diaphragms by increasing and decreasing air in the diaphragms on each side one at a time. There is no rotating shaft or electrical connection and cooled successively by the continuous supply of compressed air during operation, that utterly allows the pump to operate in most work sites and also in a hazardous environment. Remember to connect an earthing wire to the diaphragm pump if operates in a hazardous environment.
- The pump is designed to handle sizeable solid and is suitable for handling drainage of waste water and sludge after cargo hold washing. It is capable of pumping liquids containing hard or soft solids up to 5 mm in diameter.
- Diaphragm pump is self-priming and allows to run dry for a short period of time without damage.
- The lifting height and capacity depends directly on the air flow, air pressure, fluids viscosity and density.
- The pump can be used in a submerged position if so air exhaust must be piped above the surface of the fluid.
- Stromme 50 MB Diaphragm Pump is portable and mounted on a trolley to make handling and moving around easy enough for a single person.



Stromme 50 MB Diaphragm Pump complete
Product No. 3203-01000

Pump technical data

Air supply	6.2 bar / 90 psi
Maximum particle size	5 mm
Suction lift	6 meters
Air inlet	Claw coupling
Fluid inlet	STORZ C coupling
Fluid outlet	STORZ C coupling
Pump height	670 mm
Pump width	410 mm
Pump depth	330 mm
Pump weight	28 kg
Mounting	Bolted to trolley

Pump construction

Wetted material	Aluminium
Non wetted part	Aluminium
Diaphragm	Neoprene
Ball material	Neoprene
Seat material	Neoprene

NOTE!

The above kit does not include couplings to connect the system to the ship's deck water and air line.

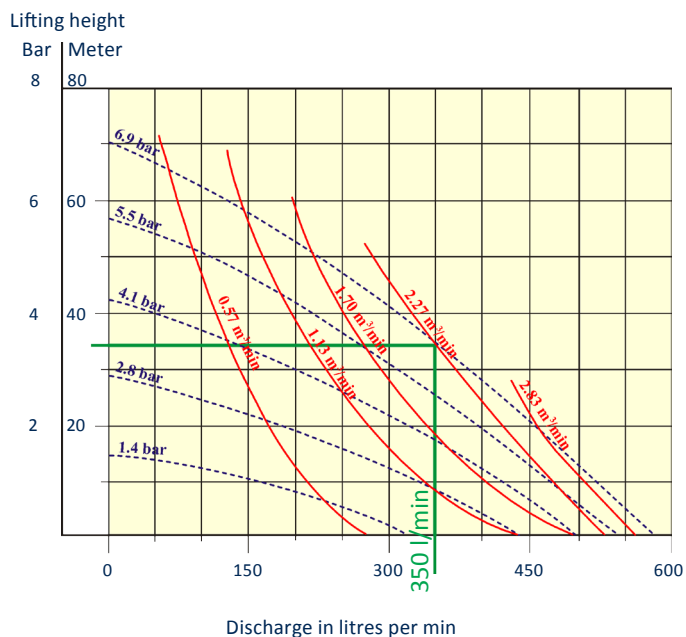
If couplings are required, please advise us the type or IMPA number used on board the vessel.

Performance curves

The illustrated pump performance curves are measured using fresh water under ideal conditions. Actual pumping values can vary under different condition of application. Proportionately lower pumping result will occur if the air supply is restricted.

Example

To pump 350 l/min flow rates with a discharge lifting height of 35 meters requires 6.9 bar and 2.27 m³/min air consumption.



Scope of supply

Product No. 3203-01000 Stromme 50 MB Diaphragm Pump complete consists of following.

Part No.	Description	Qty.
3203-90010	Instruction manual.	1
3203-01050	Stromme 50 MB Diaphragm Pump.	1
3203-10011	Suction hose kit consists of following. <ul style="list-style-type: none"> • Strainer SS304, 2". • Claw coupling, ½" male thread NPT. • Hose coupling STORZ C, 2" male (aluminium). • Suction hose, 2" x 3 meters with coupling. 	1 1 2 1
3203-10020	Air supply and discharge hose kit consists of following. <ul style="list-style-type: none"> • Hatch protection with couplings. • Water hose, 2" x 15 meters with STORZ C coupling on one end, one end open. • Water hose, 2" x 30 meters with STORZ C coupling on both ends. • Air hose PVC, ¾" x 50 meters with claw coupling on one end, one end open. 	1 1 1 1
3203-20036	Repair kit for Stromme 50 MB Diaphragm Pump.	1



Air supply and discharge hose kit



Suction hose kit



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