



Oil lifter BM 346 / BM 347



Technical description

Working switches (ON/OFF) and safety switches are activated by means of a float system dependent on the oil level. After first start-up, the oil lifter operates fully automatically. On shutdown, a non-return valve prevents the oil from flowing back into the storage tank. The main components of BM 346/BM347 are:

- Tank
- Control system including working switch and safety switch
- Float assembly with working float, safety float for min. oil level, safety float for max. oil level
- Pump, filter, non-return valve

Application

The BM oil lifter automatically delivers oil from the storage tank to the consumers.

Maximum possible distance between storage tank and oil lifter: 50 m. Max. height difference between storage tank and oil lifter: 8 m.

As the oil lifter is designed as a vacuum pump, BM 346/BM 347 ensures additional safety in case of pipe breakage. Suitable for oil or kerosene.

Oil lifter

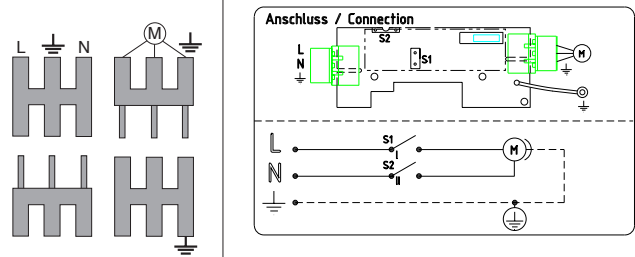
BM 346 / BM 347



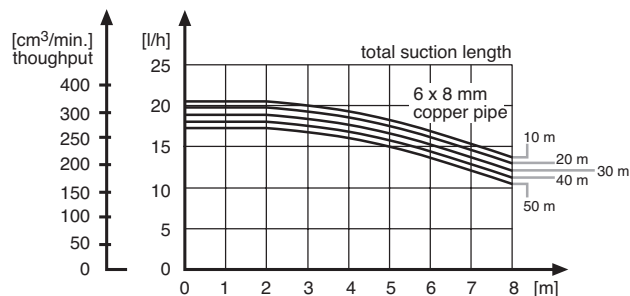
Specifications

Max. vertical lift	8 m
Max. delivery rate	20 l/h
Nominal delivery rate	10-20 l/h, dependent on vertical lift and suction pipe length . Please refer to flow rate diagram for pump rating.
Oil supply	M14 x 1.5 female thread for connection of 8 mm (5/16") pipe
Oil discharge	M14 x 1.5 female thread for connection of 8 mm (5/16") pipe
Motor	1200 rpm, 230 V AC, 50 Hz, power consumption: 28 W Self-lubricating, ball bearings
Tank capacity	BM 346 approx. 3 l BM 347 approx. 12 l
Filter	100 meshes per inch, installed in pump housing bottom part.
Weight	BM 346 4,0 kg BM 347 6,5 kg
Mounting accessories	4 vibration dampers 2 screws (9 x 1 1/2")

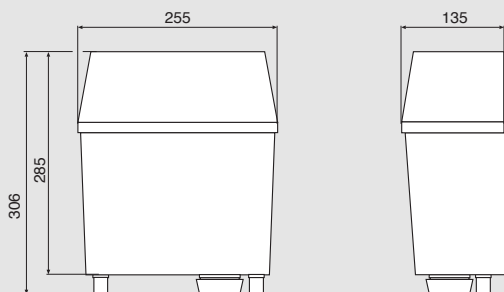
Electrical connection Circuit diagram



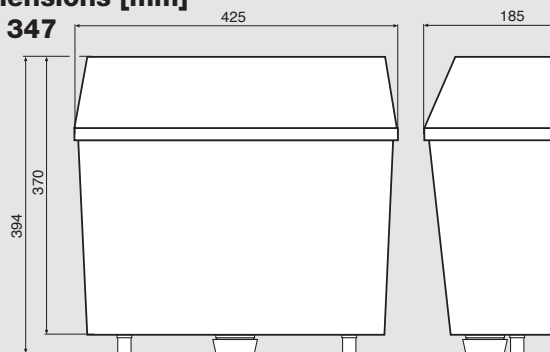
Flow rate diagram



Dimensions [mm] BM 346



Dimensions [mm] BM 347



We reserve the right to make any changes in the interest of technical progress.