



MAB 206

Solids-retaining Centrifugal Separator

Efficient oil cleaning

Clean oil is crucial for the safe, reliable and economical running of virtually all kinds of equipment that uses oils for either fuel, lubrication or in hydraulic systems. Clean oil reduces wear and corrosion on all equipment installed downstream, thus helping avoid breakdowns and cutting back on downtime throughout a plant or installation.

The impact of contaminants in oil

Contaminants in lubricating and hydraulic oils have serious effects on system performance, operating costs and durability.

For example, the presence of solid particles:

- abrades metal surfaces
- increases friction
- clogs filters

Similarly, if water is present in the oil, this:

- causes corrosion
- reacts with additives
- forms oil/water emulsions
- causes significant deterioration in the performance of the oil.
- eliminates or reduces corrosion by removing any water present in the oil

Standard equipment

The separator is working either with two or three phases and could easily be changed between the two different versions clarifier and purifier.



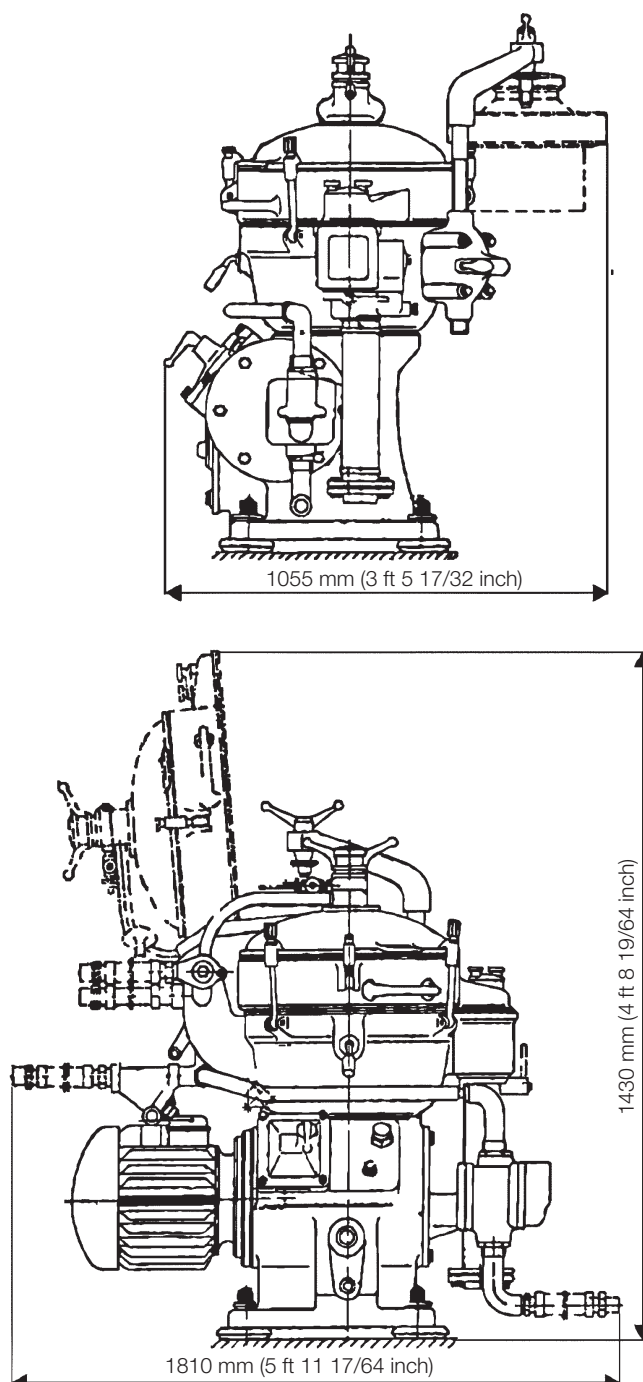
MAB 206 complete with motor

Features and benefits

Compact and robust design with the following benefits:

- Simple installation, operation and maintenance
- Internal paring disc for discharge of clean oil
- Large sludge space
- Sludge basket for easy removal of sludge
- Flexibility: the bowl may be used either as purifier or clarifier
- Extremely reliable, ensuring long service life eliminates or reduces corrosion by removing any water present in the oil

Dimensions



Shipping data (approximate)

Net weight	420 kg (926 lbs)
Gross weight	525 kg (1 157 lbs)
Volume	2.1 m ³

Clarifier

1. Oil inlet
2. Clean oil outlet
3. Sludge

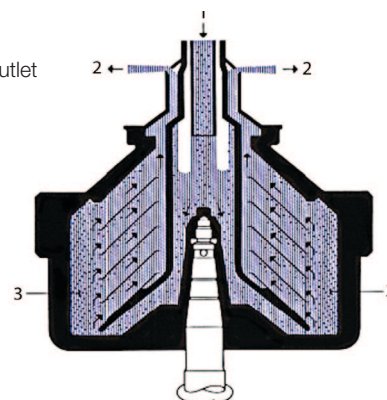


Fig 2 MAB bowl arranged as a **clarifier** for separating oils containing sludge and a very small quantity of water.

Purifier

1. Oil inlet
2. Clean oil outlet
3. Sludge
4. Oil/water interface
5. Water outlet

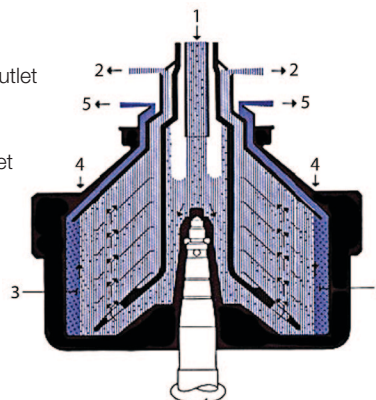


Fig 3 MAB bowl arranged as a **purifier** for separating oils containing sludge and an appreciable quantity of water.

Technical specifications

Max. throughput capacity	10.6 m ³ /h ¹⁾
Sludge and water space	3.4 l
Feed temperature range	0 - 100 °C
Installed motor power	5.5 / 12 kW ²⁾
Sound pressure	75 dB(A) ³⁾

¹⁾ Actual capacity depends on composition of feed and separation demands.

²⁾ Without built-on pump 5.5 kW

With built-on pump 12 kW

³⁾ According to ISO 3744 or 3746

Utilities consumption

Electric power	3.3 - 8 kW ⁴⁾
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⁴⁾ Actual consumption depends on throughput capacity, feed characteristics.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com.