
1 Technical Data

1.1 Separation System

Separator	MIB 303 S-13/S-33																
Application	Cleaning of oil used for marine and power diesel engines, with a maximum density of 920 kg/m ³ at 15 °C. Cleaning of steam turbine lubricating oil.																
Capacity and separation temperature	<table><thead><tr><th></th><th>Viscosity</th><th>Max. rec. capacity</th><th>Max. separation temp.</th></tr><tr><th></th><th>cSt/40 °C</th><th>l/h</th><th>°C</th></tr></thead><tbody><tr><td>Lube oil</td><td>≤150</td><td>300 l/h at 50Hz 360 l/h at 60Hz</td><td>70</td></tr><tr><td>Marine diesel oil</td><td>≤ 14</td><td>630 l/h at 50 Hz 760 l/h at 60 Hz</td><td>40</td></tr></tbody></table>		Viscosity	Max. rec. capacity	Max. separation temp.		cSt/40 °C	l/h	°C	Lube oil	≤150	300 l/h at 50Hz 360 l/h at 60Hz	70	Marine diesel oil	≤ 14	630 l/h at 50 Hz 760 l/h at 60 Hz	40
	Viscosity	Max. rec. capacity	Max. separation temp.														
	cSt/40 °C	l/h	°C														
Lube oil	≤150	300 l/h at 50Hz 360 l/h at 60Hz	70														
Marine diesel oil	≤ 14	630 l/h at 50 Hz 760 l/h at 60 Hz	40														
Sealing Water	Temperature Maximum hardness Minimum pH value Salinity	5 – 70 °C 180 ppm (CaCO ₃ 10 °dH) 6 maximum 60 ppm chloride (equivalent to 100 ppm NaCl)															
Normal working counter pressure	0.4 – 0.6 kPa																
Maximum counter pressure	See diagrams on pages 4 and 5																
Low pressure switch set point	30 kPa																
Total power consumption	Max. 700 W																

Shipping data	Net weight	72 kg
	Gross weight	102 kg
	Volume	0.58 m ³

Manufacturing materials	Separator Frame	aluminium alloy
	Separator Bowl	aluminium and plastics
	Module Frame	iron

1.2 Separator

		50 Hz	60 Hz
Speed	Drive motor	7300 rpm	7300 rpm
	Bowl spindle max.	7300 rpm	7300 rpm

Miscellaneous	Starting time max.	40 seconds
	Stopping time with built-in electric brake max.	1 minute
	Maximum operating time without oil feed	120 minutes
	Motor power	450 W

Bowl data	Sludge space	0.3 litres
------------------	--------------	------------