

Floating Drum Skimmers VH FDS Datasheet





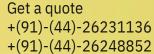
COMMON SPECIFICATIONS FOR PNEUMATIC, HYDRAULIC AND ELECTRICAL



- 1. Drum Size300 mm dia x 400 mm to 800 mm L (appx)
- 2. No of Drums1 or 2
- 3. Oil Removal CapacityUpto 20,000 lph
- 4. MOC of Vessel FRP/ SS 304/ SS 316
- 5. MOC of Roller Oleophilic (Polymer/ SS 304/ SS 316)
- 6. MOC of Wiper. Teflon (PTFE)
- 7. MOC of Oil collection tube Flexible PVC braided/ Rubber Hose

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PNEUMATIC

1. Drum Drive

Pneumatic Motor with Gear Box

2. Drive Requirement (Typ)

Pneumatic Pressure @ 4 bar and Air ow rate @ 20

to 30 CFM

Optional

1. Oil Transfer Pump

a) Type

Air Operated Double Diaphragm

b) Drive

Pneumatic pressure @ 7 bar and Air ow rate in CFM

to suit oil transfer capacity

c) Oil Transfer Capacity

To suit requirement

d) Air / Oil Flow Capacity

To suit oil transfer capacity

2. Source of Drive

i) Oil Transfer Pump

Compressor (Optional)

ii) Drum Drive

Pneumatic Drum Drive (Optional)

a) Type

Reciprocating, Electrically or Diesel Operated

b) Pressure

7 bar

c) Capacity in HP

To suit requirement

d) Air Flow Rate in CFM

To suit requirement

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HYDRAULIC

1. Drum Drive Hydraulic Motor with Gear Box

2. Drive Requirement (Typ) Hydraulic pressure @ 60 to 100 bars & ow rate @ 10

to 20 Lpm appx

Optional

1. Oil Transfer Pump

a) Type Oil Transfer Impeller Pump

b) Drive
Hydraulic Motor with Hydraulic ow and pressure to

suit transfer capacity

c) Oil Transfer Capacity To suit requirement

d) Air / Oil Flow Capacity

To suit oil transfer capacity

2. Source of Drive

i) Oil Transfer Pump Hydraulic Power Pack (Optional)

ii) Drum Drive Hydraulic Power Pack (Optional)

a) Type Hydraulic Power Pack with motor coupled to pumps

to suit required ow and pressure for drum drive

or/and oil transfer pump

b) Pressure 7 bar

c) Capacity in HP To suit requirement

d) Air Flow Rate in CFM To suit requirement

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ELECTRICAL

1. Drum Drive

Electrical Motor with Gear Box

2. Drive Requirement (Typ)

1/2 HP or 1 HP Motor with Gear Box, 415 VAC, 50 Hz

Optional

1. Oil Transfer Pump

a) Type

b) Drive

c) Oil Transfer Capacity

d) Air/Oil Flow Capacity

2. Source of Drive

i) Oil Transfer Pump

ii) Drum Drive

Gear Pump

Electrical Motor to suit pump ow and pressure

To suit requirement

415 VAC, 3 Phase, 50 Hz

415 VAC, 3 Phase, 50Hz

415 VAC, 3 Phase, 50Hz