Vacuum pump quote request

Mechanical vacuum pumps and hybrid systems by Körting · shipbuilding

Fill in what you know; an empty field is not a problem. Save the completed form and email it to sales@tasenco.nl. We check the duty, select with Körting and get back to you within one working day. You can also fill it in online at tasmarine.nl/vacuum-pumps.

1 Vessel and application

Application

☐ Priming system ☐ Vacuum sewage ☐ Dredging (priming / degassing) ☐ Tank stripping / vapour
☐ Evaporator / fresh water ☐ Other

Vessel type

Project

☐ Newbuild ☐ Retrofit / replacement

Classification society

Country of final destination / yard

2 Suction flow

Suction pressure — mbar(a)

Suction flow temperature — °C

Flow given as

☐ Mass flows ☐ Volume flow rates ☐ Upstream Körting system

Evacuation time — min

Volume to evacuate — m³

Air — kg/h

Water vapour (H_2O) — kg/h

Other gas — kg/h

Molar mass of other gas — kg/kmol

Polymerisation possible

☐ Yes ☐ No

Fouling, deposits or solids expected

☐ Yes ☐ No

3 Pump and operation

Pump type

☐ Optimised by Körting / TAS ☐ Liquid ring ☐ Roots booster ☐ Screw ☐ Hybrid with ejector

Type of operation

☐ Once-through ☐ Combined once-through ☐ Full recovery, plate HX ☐ Full recovery, shell & tube HX

Redundancy

☐ None ☐ 2 × 100 % ☐ 2 × 50 %

Cleaning in place (CIP)

☐ Yes ☐ No

4 Cooling and power on board

Cooling medium

☐ Sea water ☐ Fresh water (LT circuit)
☐ Other

Cooling medium temperature

°C

Process / operating fluid

Fluid temperature

°C

Voltage

V

Frequency

☐ 50 Hz ☐ 60 Hz

5 Design and installation

Design code

☐ Manufacturer standard ☐ Class rules ☐ AD 2000 ☐ ASME ☐ Other

Connection type

☐ Flange EN ☐ Flange ASME ☐ Flange JIS ☐ Welded ☐ Other

Material

☐ Cast iron ☐ Stainless steel ☐ Other (e.g. bronze)

Hazardous area

☐ None ☐ Zone 2 ☐ Zone 1 ☐ Zone 0

Location on board

☐ Engine room ☐ Pump room ☐ Open deck ☐ Other

Max. ambient temperature

°C

6 Scope

Suction pressure control

☐ None ☐ Via bypass line ☐ Via frequency inverter

Spare parts package

☐ Yes ☐ No

Other requirements or comments

7 Contact details

Name *

Company

Email *

Phone