SYROC

Centrifugal process pumps

One range for water, wastewater and process liquids: end-suction, close-coupled, in-line, split case and multistage pumps.

At a glance

Up to 6000 m³/h
flow (double-suction split case)

Up to 550 m
head (multistage)

−10 to 175 °C
liquid temperature, depending on series

Multiple materials
cast iron, bronze, AISI 316, duplex

Packing or seal
gland packing or mechanical seal



Supplied by Vaikon

Vaikon selects the right Syroc pump for your duty point and supplies it as bare-shaft pump or as a complete unit with motor.

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The Syroc range

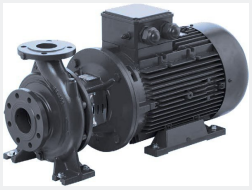
Maximum values per pump type. The right size depends on your duty point; Vaikon makes the selection for you.



End-suction process pumps (EN 733)

Bare-shaft pump on baseplate. 24 basic sizes.

FLOW	HEAD
600 m³/h	**100 m**
TEMP.	PRESSURE
−10 to 140 °C	**10 (16) bar**



Close-coupled pumps

Compact pump and motor unit with EN 733 volute dimensions, horizontal or vertical.

FLOW	HEAD
600 m³/h	**100 m**
TEMP.	PRESSURE
−10 to 140 °C	**10 (16) bar**



In-line pumps

Suction and discharge on one axis, mounted directly in the pipeline.

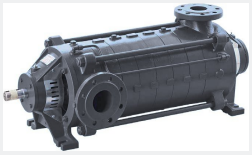
FLOW	HEAD
350 m³/h	**100 m**
TEMP.	PRESSURE
−10 to 140 °C	**10 (16) bar**



Wastewater and process pumps

Wide volute for liquids with solids; horizontal or vertical. 18 basic sizes.

FLOW	HEAD
1600 m³/h	**95 m**
TEMP.	PRESSURE
−10 to 110 °C	**10 (16) bar**



Multistage pumps

Ring-section design with closed impellers and diffusers for high heads.

FLOW	HEAD
1000 m³/h	**550 m**
TEMP.	PRESSURE
10 to 140 °C	**30 (63) bar**



Heavy-duty process pumps (ISO 2858)

Closed or semi-open impeller, dry shaft. 28 basic sizes.

FLOW	HEAD
1500 m³/h	**160 m**
TEMP.	PRESSURE
−10 to 175 °C	**16 (25) bar**



Double-suction split case pumps

Axially split casing for large flows, horizontal or vertical.

FLOW	HEAD
6000 m³/h	**180 m**
TEMP.	PRESSURE
−10 to 110 °C	**16–25 bar**

Built to your process

Materials

Cast iron GG25
standard material

Bronze GCuSn10
casing and impeller

Stainless steel AISI 316
casing and impeller

Duplex 1.4517
casing and impeller

Sealing

Gland packing
standard on many sizes; stuffing box cooling available on the multistage series

Mechanical seal
single seal; double and cartridge seals on the split case series

Configuration

Bare-shaft pump
for your own drive and baseplate

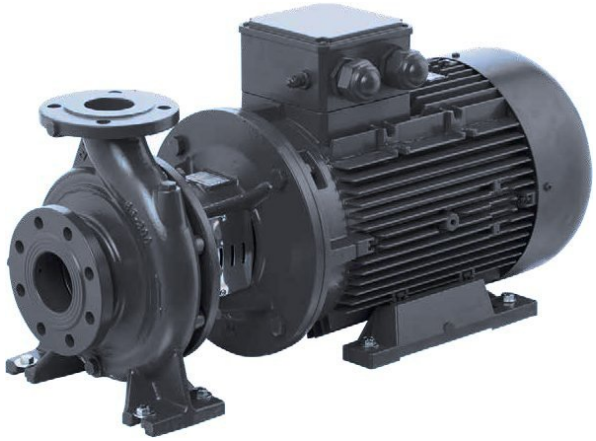
Complete unit
pump, coupling and motor on a baseplate, ready to install

Standards

EN 733 / ISO 2858
hydraulic dimensions of the end-suction series

EN 1092-2 PN 16
flanges on most series

Typical liquids
Water, wastewater and process liquids. Tell us your liquid, flow and head; we select the pump and the materials.



SYROC

Selected, supplied and serviced by Vaikon

- **Quotation within 24 hours**
  Send us your duty point and liquid.
- **Free on-site assessment**
  A Vaikon engineer checks your pumps and process on site.
- **Spare parts and service**
  Overhaul in our workshop or on site, and 24/7 technical service for breakdowns.
- **Delivery across Europe**
  From Lommel, Belgium.

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Values are series maxima; actual limits depend on size, speed and materials. Subject to change.