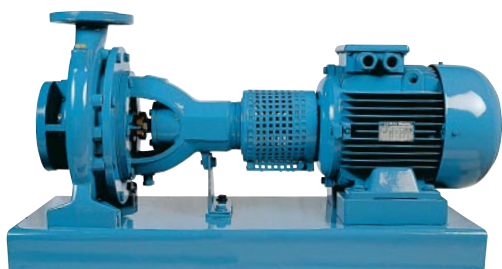


Volute Casing Centrifugal Pumps



Volute Casing Centrifugal Pumps standardized acc. to EN 733 and additional sizes

Series SKT



Application

- Cooling- and heating circulation
- Circulation-, water supply-, and water processing units
- Irrigation units
- Desalination plants
- Dedusting devices
- Spray coating units
- Air conditioning-, cooling-, swimming pool- and industrial technology

Pumped liquids

Clean water, industrial water, sea water, condensate, oil, brines, lyes, hot water. The pumped liquids must not contain abrasive particles and must not be chemically aggressive to the pump's materials.
Temperature: up to 90 °C (140 °C)

Technical data

Flow range:	up to 3500 m ³ /h
Head range	up to 105 m
Speed range	up to 3600 rpm
Casing pressure	up to 16 bar
Impeller diameter	160–500 mm
Suction nozzle	DN 25–DN 400
Discharge nozzle	DN 25–DN 350

Shaft seal

Gland packing or mechanical seal

Flanges

DN 32–150	PN 16
DN 200–400	PN 10

Materials

Cast iron, bronze, nodular cast iron, cast steel and stainless steel

Volute Casing Centrifugal Pumps block version, rated performance standardized acc. to EN 733

Series SKB



Application

- Cooling- and heating circulation
- Circulation-, water supply-, and water processing units
- Irrigation units
- Desalination plants
- Dedusting devices
- Spray coating units
- Air conditioning-, cooling-, swimming pool- and industrial technology

Pumped liquids

Clean water, industrial water, sea water, condensate, oil, brines, lyes, hot water. The pumped liquids must not contain abrasive particles and must not be chemically aggressive to the pump's materials.
Temperature: up to 140 °C

Technical data

Flow range:	up to 450 m ³ /h
Head range	up to 105 m
Speed range	up to 3600 rpm
Casing pressure	up to 16 bar
Impeller diameter	160–400 mm
Suction nozzle	DN 25–DN 150
Discharge nozzle	DN 25–DN 125

Shaft seal

Mechanical seal

Flanges

DN 32–150	PN 16
-----------	-------

Materials

Cast iron, bronze, cast steel and stainless steel

Volute Casing Centrifugal Pumps inline version, rated performance standardized acc. to EN 733

Series SKI



Application

- Cooling- and heating circulation
- Circulation-, water supply-, and water processing units
- Irrigation units
- Desalination plants
- Dedusting devices
- Spray coating units
- Air conditioning-, cooling-, swimming pool- and industrial technology

Pumped liquids

Clean water, industrial water, sea water, condensate, oil, brines, lyes, hot water. The pumped liquids must not contain abrasive particles and must not be chemically aggressive to the pump's materials. Temperature: up to 90 °C (140 °C)

Technical data

Flow range:	up to 800 m ³ /h
Head range	up to 105 m
Speed range	up to 3600 rpm
Casing pressure	up to 16 bar
Impeller diameter	160–400 mm
Suction nozzle	DN 32–DN 200
Discharge nozzle	DN 32–DN 200

Shaft seal

Mechanical seal

Flanges

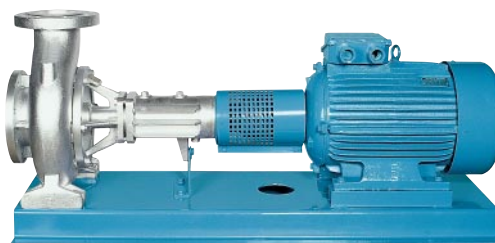
DN 40–150	PN 16
DN 200	PN 10

Materials

Cast iron, bronze, cast steel, nodular cast iron and stainless steel

Volute Casing Centrifugal Pumps for media above 100 °C, rated performance standardized acc. to EN 22858

Series SKH



Application

- In heat transfer plants (DIN 4754) to circulate heat transfer oil with a saturated pressure of ≤ 1 bar, e.g. in
- Chemical and pharmaceutical industry
 - Food processing
 - Textile-, leather- and paper industry
 - Rubber- and synthetic materials industry
 - Paint- and lacquer industry
 - Tar and bitumen processing
 - Mineral oil processing
 - Laundries

Pumped liquids

Heat transfer oil with a temperature of 100–350 °C which must not contain abrasive particles and must not be chemically aggressive to the pump's materials.

Technical data

Flow range:	up to 600 m ³ /h
Head range	up to 90 m
Speed range	up to 3600 rpm
Casing pressure	up to 16 bar
Impeller diameter	160–250 mm
Suction nozzle	DN 32–DN 150
Discharge nozzle	DN 25–DN 125

Shaft seal

Mechanical seal

Flanges

According to DIN 2533 PN 16

Materials

Nodular cast iron, bronze, cast steel and stainless steel



OSNA-Pumpen GmbH
Brückenstrasse 3
D-49090 Osnabrück
Fon: +49 541 12 11-0
Fax: +49 541 12 11-220

Internet: www.osna.de
eMail: info@osna.de

Member of:



VDMA

**Pumps
Plants
Water treatment
Service**