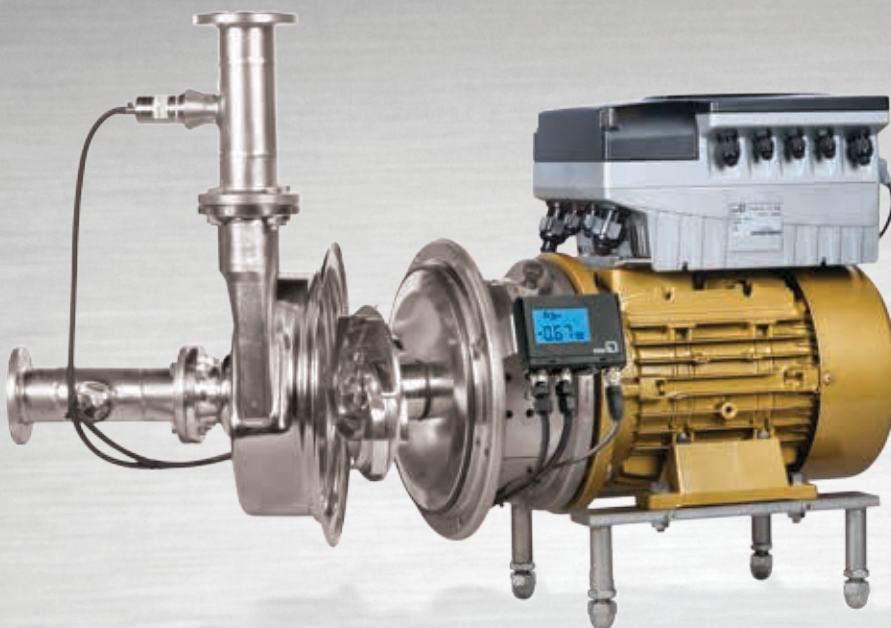


► Our technology. Your success.

Pumps • Valves • Service



Vitachrom® – Rolled Steel Centrifugal Pump for Sterile Applications



Vitachrom® with PumpDrive variable speed system, PumpMeter monitoring unit and KSB SuPremE® motor

Applications:

Hygienic and sterile handling of fluids in the food, beverage and pharmaceutical industries

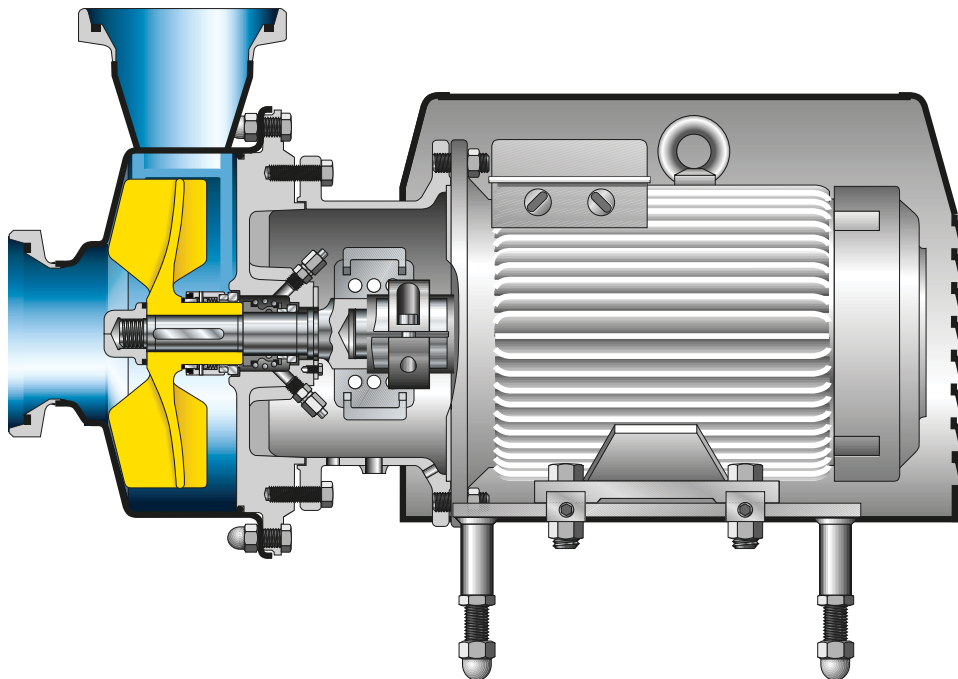
More information:

www.ksb.com/products



Vitachrom® in standard design

Vitachrom® – Rolled Steel Centrifugal Pump for Sterile Applications



■ Suitable for hygienic applications

The zero dead volume design with excellent surface grades thanks to electropolishing and active flushing of the mechanical seal make the pump perfectly suitable for CIP/SIP.

■ Service-friendly

Easy-to-replace mechanical seal and straightforward retrofitting from single to double mechanical seal in tandem arrangement. Quick adjustment of impeller clearance at the casing via stub shaft with taper lock ring.

■ Easy on the fluid

Careful fluid handling ensured by polished surfaces, open impeller with wide free passage and smooth edges.

■ Versatile

The pump shaft in separate bearings allows for connecting motors to different standards, including variable speed motors.

■ Energy-efficient

- Variable speed operation in combination with KSB PumpDrive
- When used in combination with the KSB SuPremE® motor, the pump achieves efficiency level IE5 to IEC/CD 60034-30 Ed. 2.
- The KSB PumpMeter monitoring unit identifies the current operating point and measures all key data of the pump.

Materials

Wetted components	Chrome nickel molybdenum steel DIN 1.4404 / 1.4409 (AISI 316 L / CF3M) electropolished
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Technical data	50 Hz	60 Hz
Flow rate	Up to 340 m ³ /h	Up to 320 m ³ /h
Head	Up to 100 m	Up to 112 m
Operating pressure	Up to 12 bar	
Fluid temperature	Up to 110 °C (SIP up to 140°C) Higher temperatures on request	



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