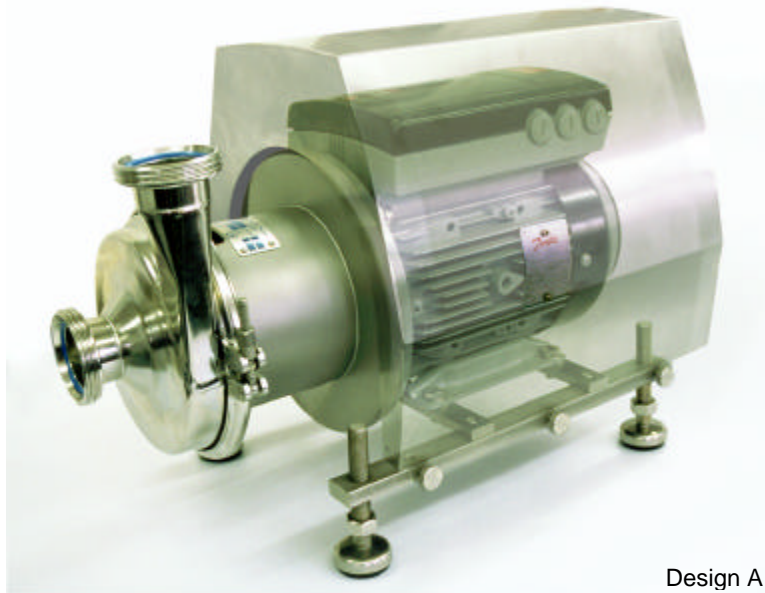


Sanitary non self-priming pump

KN 3 series



Design A

... for the brewery and beverage industry

Design

Deep drawn, thick-walled CrNiMo rolled steel casing, forged CrNiMo stainless steel casing cover, open CrNiMo stainless steel impeller on a strong dimensioned stub shaft, sturdy quick-release clamp ring with sanitary chambered O-ring seal

Construction arrangements

A..... on adjustable stainless steel machine feet, stainless steel motor cover,
 B..... on adjustable stainless steel machine feet,
 C..... on motor foot
 D..... on stainless steel foot
 DV.. on stainless steel foot incl. stainless steel motor cover

Materials

All parts in contact with product correspond to the materials AISI316L (1.4404, 1.4435, 1.4581), stainless steel motor lantern, various process seal materials to suit application

Shaft seal

Adjusted self cleaning and self rinsing single or double mechanical seal with uniform shaft diameter of 25mm for aseptic applications and with material combinations depending on product

Parameter

- Flow rate : max. 50.000 l/h @50Hz
- Discharge head : max. 40 mWC @50Hz
- Motor power : max. 9,5 kW
- Working temperature : max. 130°C
- Operating pressure : max. 16 bar

Motor

IEC-standard motor IP 55 hoseproof and with cold inducters, NEMA-standard motor on request

Optional features

- internal frequency converter FCM 300
- trolley with breaker and cable
- pump head heating/cooling jacket
- seal steam sterilisation
- explosion proof EExelIT3 or EExdeIICT4
- pole changing electric motor
- alternative paint for motor (standard RAL 5015)
- casing with drainage connection or diaphragm valve

Connections

Connection in diameters from DN40 up to DN80 or 1,5" up to 3" according to the following standards: DIN, IDF, Clamp, RJT, SMS, small flanges (other on request)