



**ZLND
Centrifugal Pump**

APPLICATION

Volute casing pumps of the ZLN range (meeting DIN 24255 / EN 733 and ISO 9908) are used when clear or turbid liquids free from solid particles are to be pumped. Application areas for pumps in this range include:

Automobile, mechanical and general engineering industries

Food and beverage industry, Pharmaceutical industry, Paint industry Plastic and rubber industry, Iron and non-ferrous metal industry Paper and pulp industry, Textile industry, Building and construction industry Heating and air conditioning, Drainage, Water supply Irrigation

A range of materials is available to meet the specific needs of customers. For applications not covered by this pump range we offer the ISOchem range.

Shaft sealing:

Shaft sealing either by stuffing box or mechanical seal.

Code 041: Self-sealed, uncooled packing rings

Code 052: Uncooled packing rings, external sealing liquid

Code AF3: Balanced mechanical seal, seal face materials SiC/Carbon, elastomer EPDM

Code BJ3: Unbalanced bellows mechanical seal, seal face materials SiC/Carbon, elastomer EPDM

Code C23: Unbalanced bellows mechanical seal, seal face materials SiC/Carbon, elastomer EPDM

Code AFS: Balanced mechanical seal, seal face materials SiC/ SiC, elastomer FPM (Viton)

Code BJS: Unbalanced bellows mechanical seal, seal face materials SiC/ SiC, elastomer FPM (Viton)

TECHNICAL DATA

Flow :	max. 1800 m ³ /h
Head :	max. 140 m
Speed :	max. 3600 rpm
Material :	cast iron (0B,0C,0E) and stainless steel (4B)
Temperature :	max. 170 °C depending on the shaft sealing and material execution.
Casing Pressure :	material design 4B PN 16 0B 0C, 0E PN 16 / 10 ¹ / 14 ²
Shaft sealing :	mechanical seal or stuffing box
Flange connections :	material design 4B DIN 2501 PN 16 0B, 0C, 0E DIN 2501 PN 16 / 10 ³
Direction of rotation :	clockwise when looking at the pump from the drive end.

Performance chart

