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Pumps • Valves • Service



## ILN Series - Centrifugal "IN-LINE" pumps



### Applications:

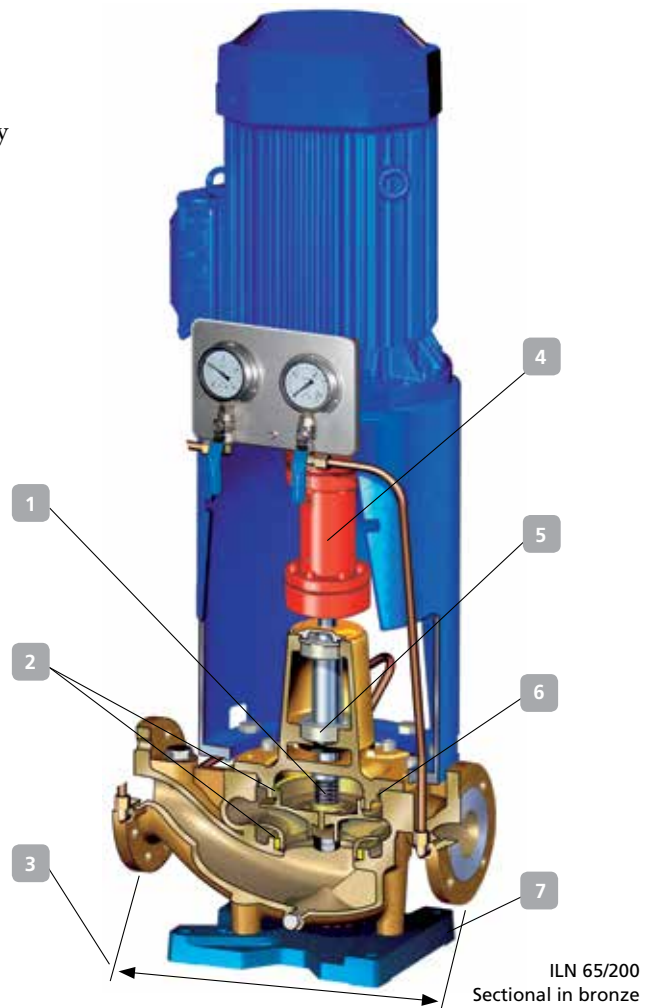
- Cooling of main and auxiliary engines
- Bilge
- Ballast
- Fire Fighting
- Cargo tanks cleaning
- Brine circulation
- Deck washing
- Cooling and air conditioning
- Other land based applications

### More information:

[www.ksb.com/products](http://www.ksb.com/products)

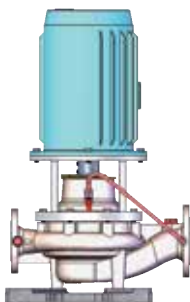
# ILN Series - Centrifugal "IN-LINE" pumps

- **Low maintenance costs**
  - Minimum amount of parts with a high interchangeability
- 1 **Long-term seal**
  - Self vented wide mechanical seal box
- 2 **Easy maintenance**
  - Wear rings in pump casing and cover
- 3 **Space optimization**
  - Minimum distance between flanges, IN-LINE position
- 4 **Easy assembly / disassembly**
  - The design allows reaching to the internal parts of the pump without removing any pipes or motor parts
- 5 **Reliability**
  - Watertight bearings do not need regreasing neither maintenance
- 6 **Confined O'ring gasket**
  - Total tightness
- 7 **Innovative base plate**
  - High pump stability; allows rotating the pump with the base each 180° (up to size ILN-200/330 including)
  - The use of only two base sizes up to ILN-200 allows the standardization of base plates at site

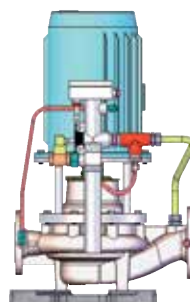


## Versions:

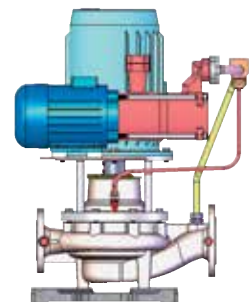
ILNC  
Compact with independent bearing



ILNE  
ILNCE  
With priming ejector



ILNS  
ILNCS  
With auxiliary priming pump



## Materials

Cast iron:	GG25
Bronzes:	RG5, G Sn Bz10
Aluminum bronze:	G CuAl10Ni
Stainless steel:	AISI316L, Duplex, Super Duplex...

## Technical data\*

Sizes:	DN 32 to 400
Flow:	Up to 3100 m <sup>3</sup> /h (50 Hz) Up to 3700 m <sup>3</sup> /h (60 Hz)
Height:	Up to 112 m (50 Hz) Up to 162 m (60 Hz)
Maximum work pressure:	16 bar
Temperature:	-20 to +70 °C

\* For any application beyond this limit, please contact KSB.  
All data given in this document are fully standard construction.



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