

KWP – Pump for Solids-laden Fluids in Back Pull-out Design

Industry

Water

Waste Water

Energy

Building Services

Mining



KWP DN 400-600



KWP DN 600-900

Applications:

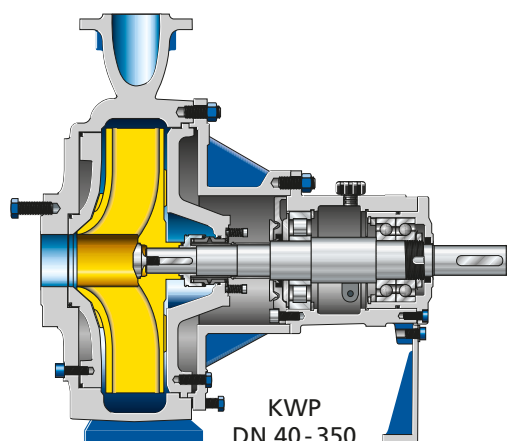
- Chemical and process industry
- Food and beverage industry
- Paper and cellulose industry
- Flue gas desulphurisation and coal upgrading plants
- Industrial effluent treatment systems
- Seawater desalination

More information: www.ksb.com/products



KWP DN 40-350

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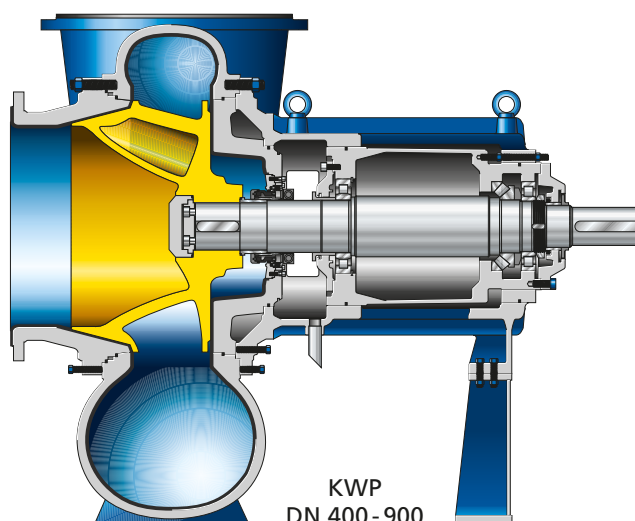


Reliable

- Reinforced bearing bracket for a long bearing service life
- For maximum seal service life, mechanical seal is installed in conical seal chamber for slurry applications.

Flexible

- Selection of channel-type, free-flow and open impellers for handling solids-laden and gaseous fluids
- Extensive selection chart and materials for all relevant fluid requirements



Robust design

- Wear and corrosion resistant materials
- High-quality single-piece volute casing for high rigidity and space-saving installation
- Front vanes and diagonal clearance reduce wear

Cost-efficient and easy to service

- Adjustable bearing bracket for an optimised suction-side clearance for high efficiencies (up to 92 %) and longer service life
- Back pull-out design
- Modular design system reduces spare parts stocks
- Long oil change intervals: up to 8,000 h

Materials

EN-JL 1040 (GG25)	EN-JS 1025 (GGG40.3)
ERN	CeramikPolySiC®
Norihard®	Noriloy®
Noridur® 1.4593	Noricrom®
Noridur® DAS	Noriclor®

® Registered trademarks of KSB:
Cast polymer concrete and high-alloyed cast steel –
with extraordinary corrosion and wear resistance.

Technical data

Pump size	DN 40 to 900
Flow rate	Up to 15,000 m³/h
Discharge head	Up to 100 m ¹⁾
Fluid temperature	-40 to +120 °C ¹⁾
Pump discharge pressure	Up to 10 bar ¹⁾

¹⁾ Higher values available on request

Impeller variants



F impeller



K impeller



O impeller