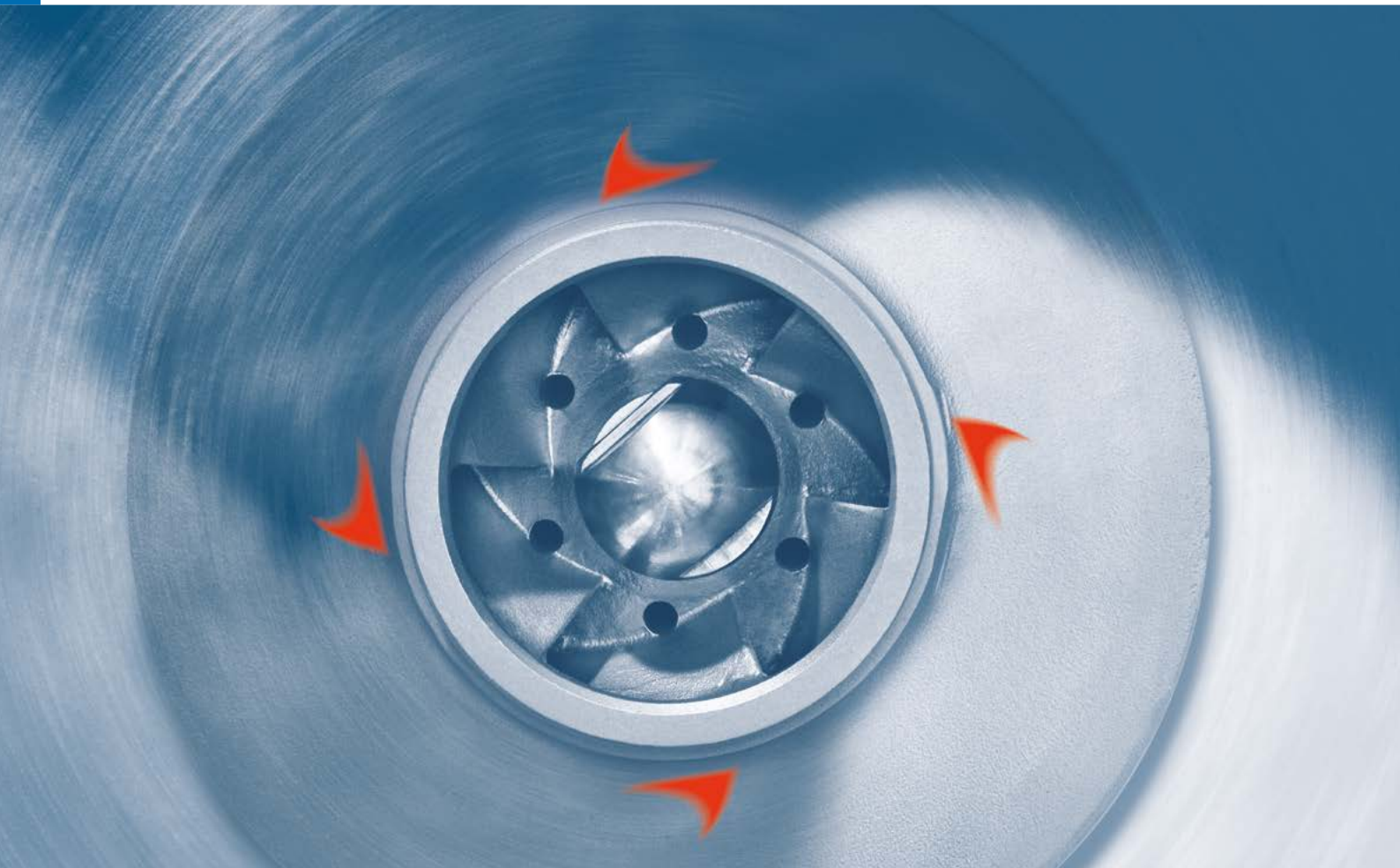


# ANDRITZ centrifugal pump

## ISO series



# Maximum economy, easy maintenance

For over 100 years ANDRITZ has been a byword for competence and innovation in designing and building centrifugal pumps.

As suppliers of complete production systems for the pulp and paper industry, we have acquired broad expertise of the related process technologies –the basis for our successful development of components for conveying paper stock and pulp.

ANDRITZ centrifugal pumps, ISO series, fulfil high customer expectations in terms of efficiency, life cycle, maintenance friendliness and economic efficiency.

All pump parts are manufactured according to the highest quality standards in our ISO certified workshops. The superior quality of our products originates from compliance with these stringent requirements.

## Fields of application

- Process water supply in
  - the pulp and paper industry
  - the steel industry
  - the food industry
  - the sugar industry
  - power plants
- Drinking water supply
- Waste water treatment
- Chemical industry
- Bioethanol

## The facts

- Flow rates up to 300 m<sup>3</sup>/h
- Heads up to 160 m
- Casing pressure PN16
- Temperatures up to 140°C
- Consistencies up to 1% bone dry
- ISO 2858 and 5199
- Simple maintenance
- Low energy consumption

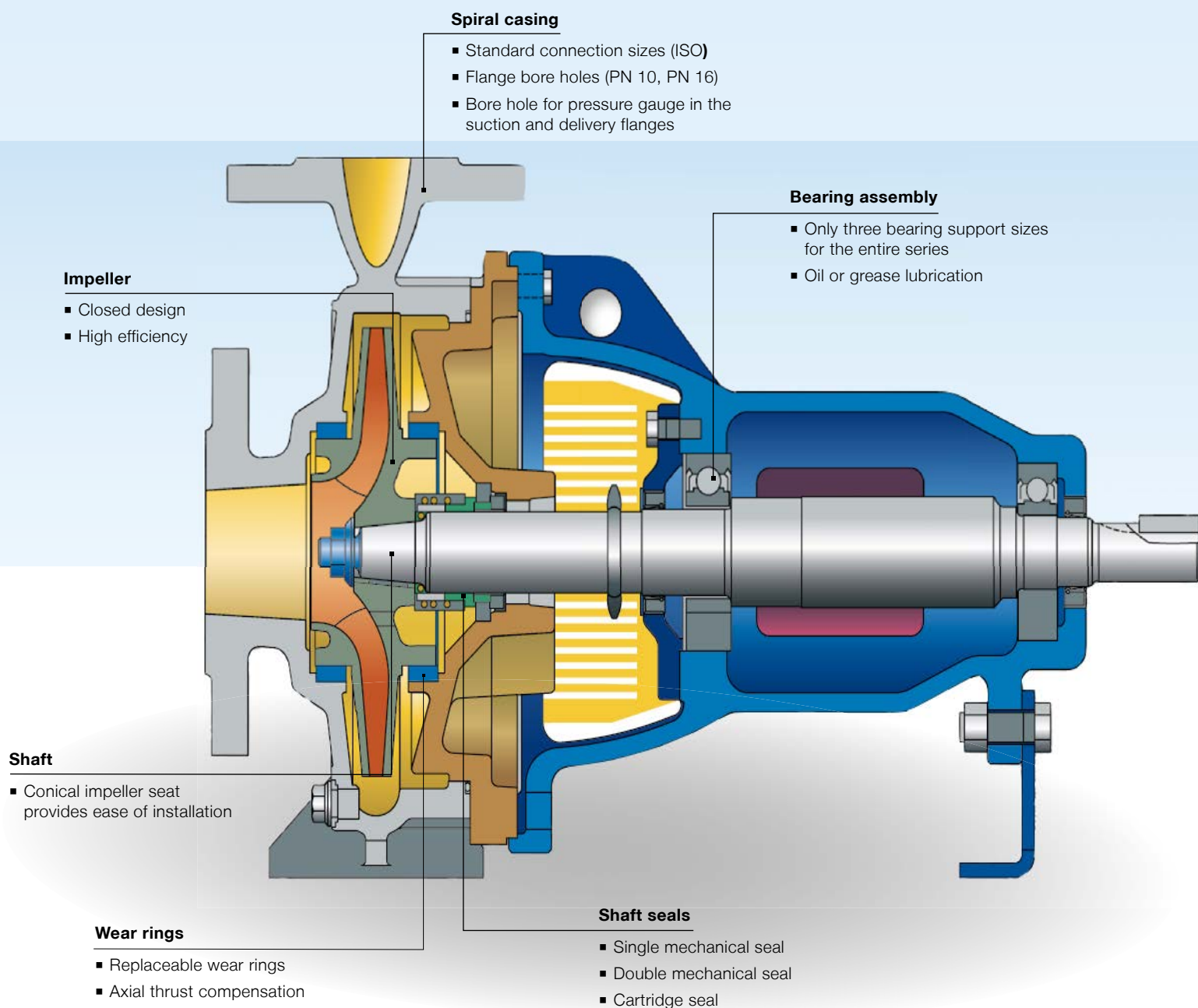


## Technology to convince you

The high standard of ANDRITZ centrifugal pumps, ISO series, is based on decades of experience in designing hydraulic machines and on extensive process know-how.

## Well-proven design

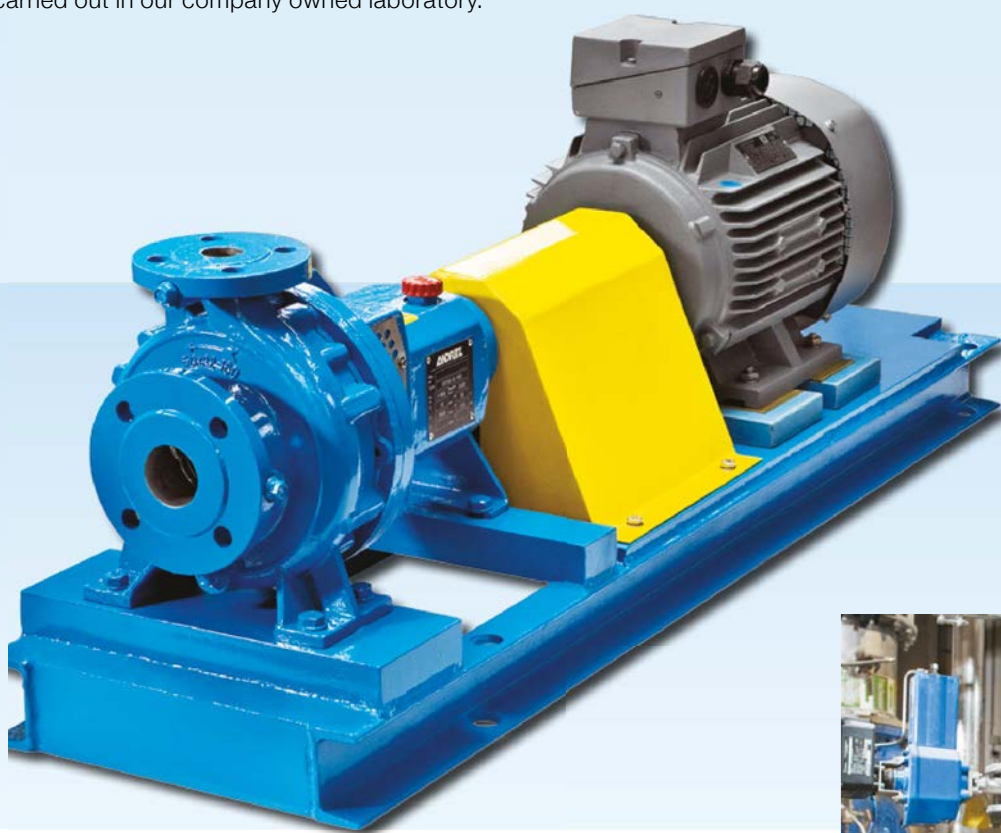
An innovative product policy and continuous advancement of essential design features make this pump a powerful, yet economical standard unit with a broad range of applications.





## High research and development capabilities

Our affiliate ASTRÖ enjoys international renown for its hydraulic developments and investigations. The high efficiency of the ISO pump series is ensured by Computational Fluid Dynamic (CFD) calculations and extensive testing carried out in our company owned laboratory.

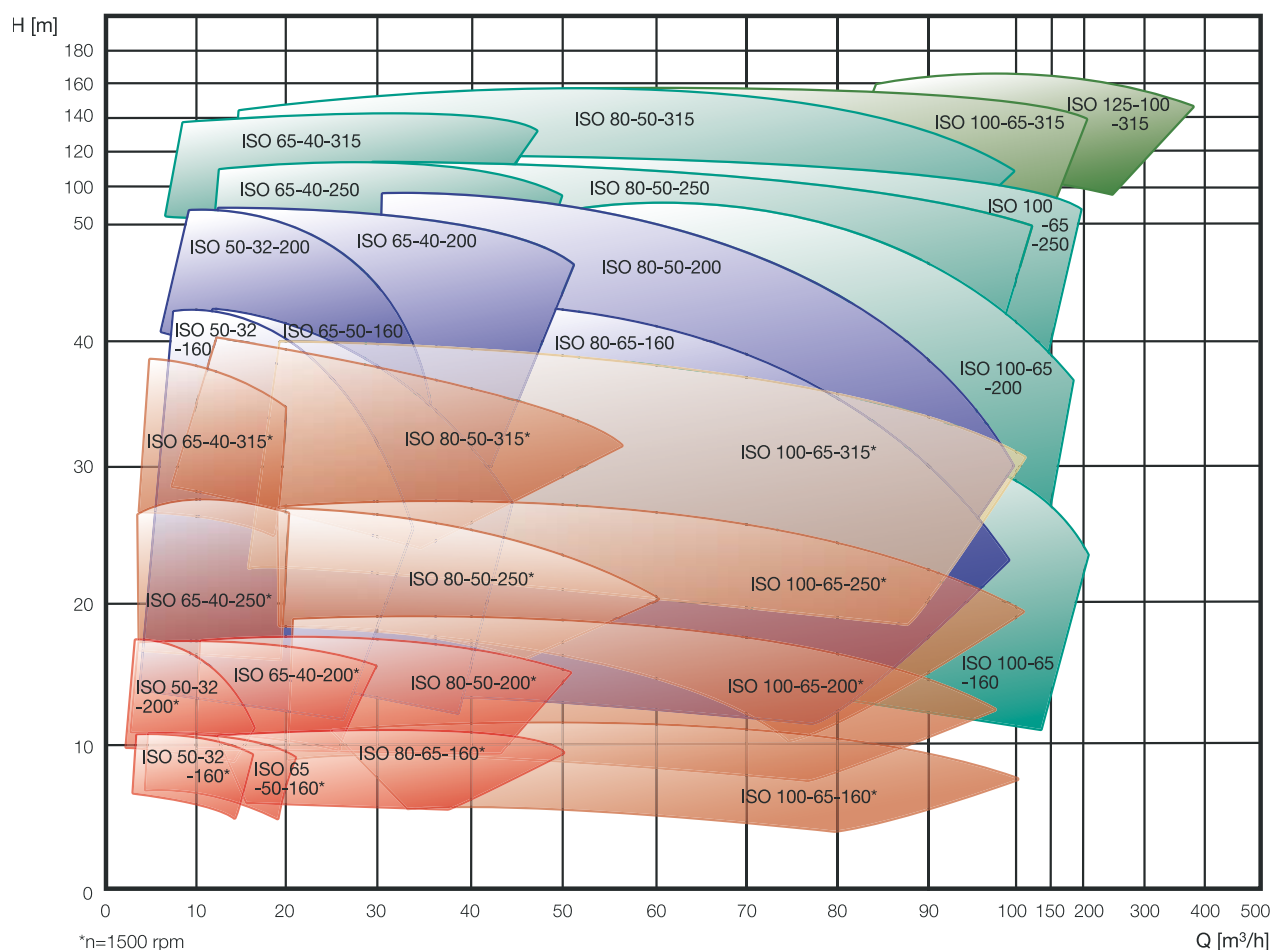


Installed ANDRITZ pumps  
ISO series

# Characteristic curves

## ANDRITZ centrifugal pumps, ISO series

### Characteristic curves 1500 rpm and 3000 rpm



### Material combinations

ISO series	EN-GJL 250	1.4408	1.4021	1.4404
Impeller		■		
Volute casing	■	■		
Bearing housing	■			
Casing cover	■	■		
Shaft			■	■

European standard		US standard	
Number	Name	Grade	UNS
EN-JL1040	EN-GJL 250	Class 40B	/
1.4408	GX5CrNiMo19-11-2	CF8M	J92900
1.4021	X20Cr13	420	S42000
1.4462	X2CrNiMoN22-5-3	2205	S31803, S32205

## Close to our customers



**ANDRITZ AG**

Stattegger Strasse 18  
8045 Graz, Austria  
Phone: +43 (316) 6902-0  
Fax: +43 (316) 6902-413  
pumps@andritz.com



[www.andritz.com/pumps](http://www.andritz.com/pumps)