

AZ-Serie

Rocess Pump



About.

AZ-Serie is available in a highly wear-resistant, Semi open impeller design. Thanks to their low axial thrust and open channels, these pumps are suitable for conveying many different media.

Depending on the impeller design, they can convey slightly contaminated and contaminated media with some solids and content with consistencies of up to 8%.

Thus, operating as processes pumps, they cover a wide range of applications in the pulp and pa-



Design.

1. Bearing assembly.
 - Single casting with integrated lantern
 - Only seven bearing support sizes for the entire series

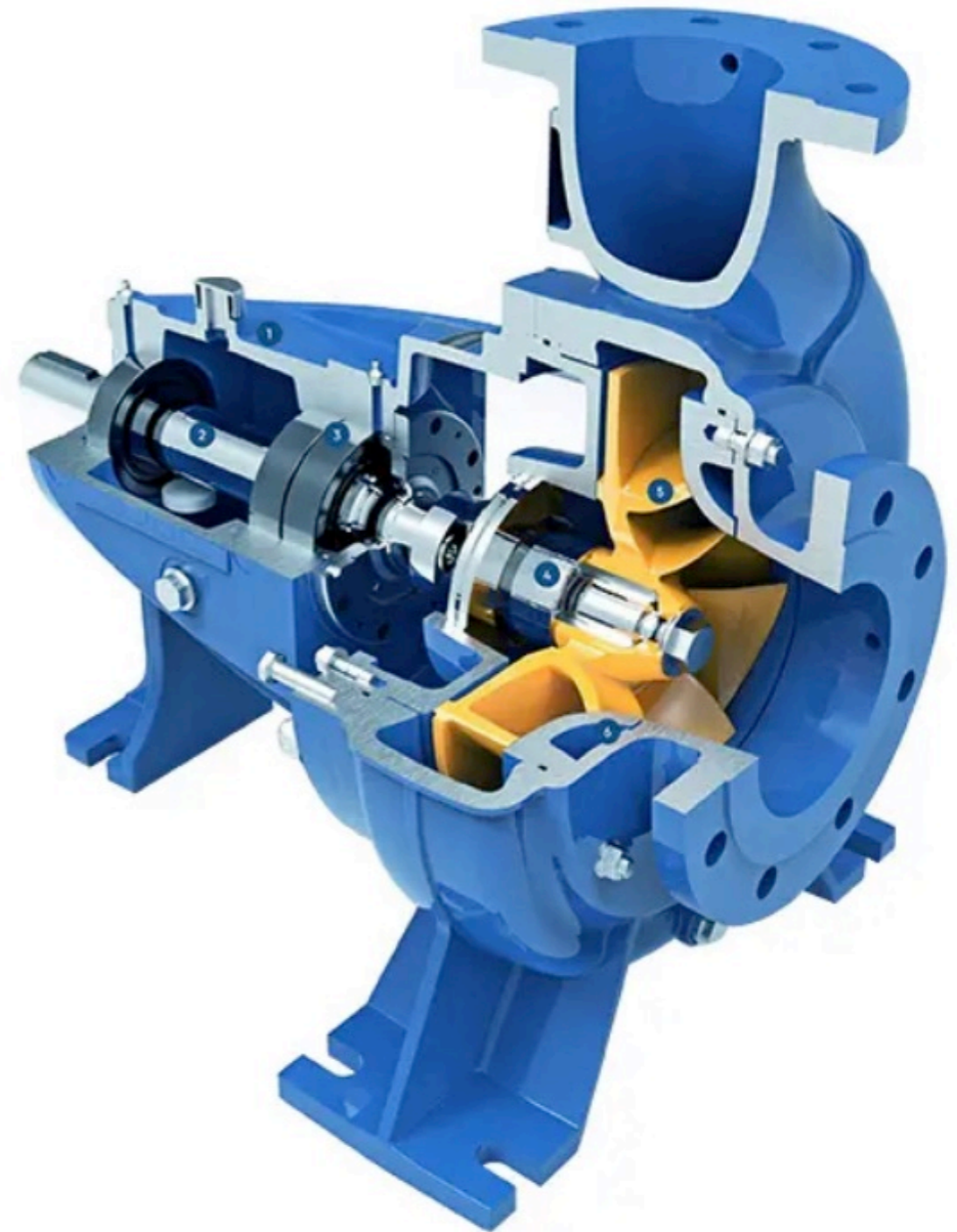
2. SHAFT
 - Ensures minimum shaft deflection and low mechanical vibration

3. Steady bearings
 - Long service life

4. SHAFT SEALING
 - Single mechanical seal for stock conveyance without sealing and rinsing water
 - Double mechanical seal
 - Dynamic seal

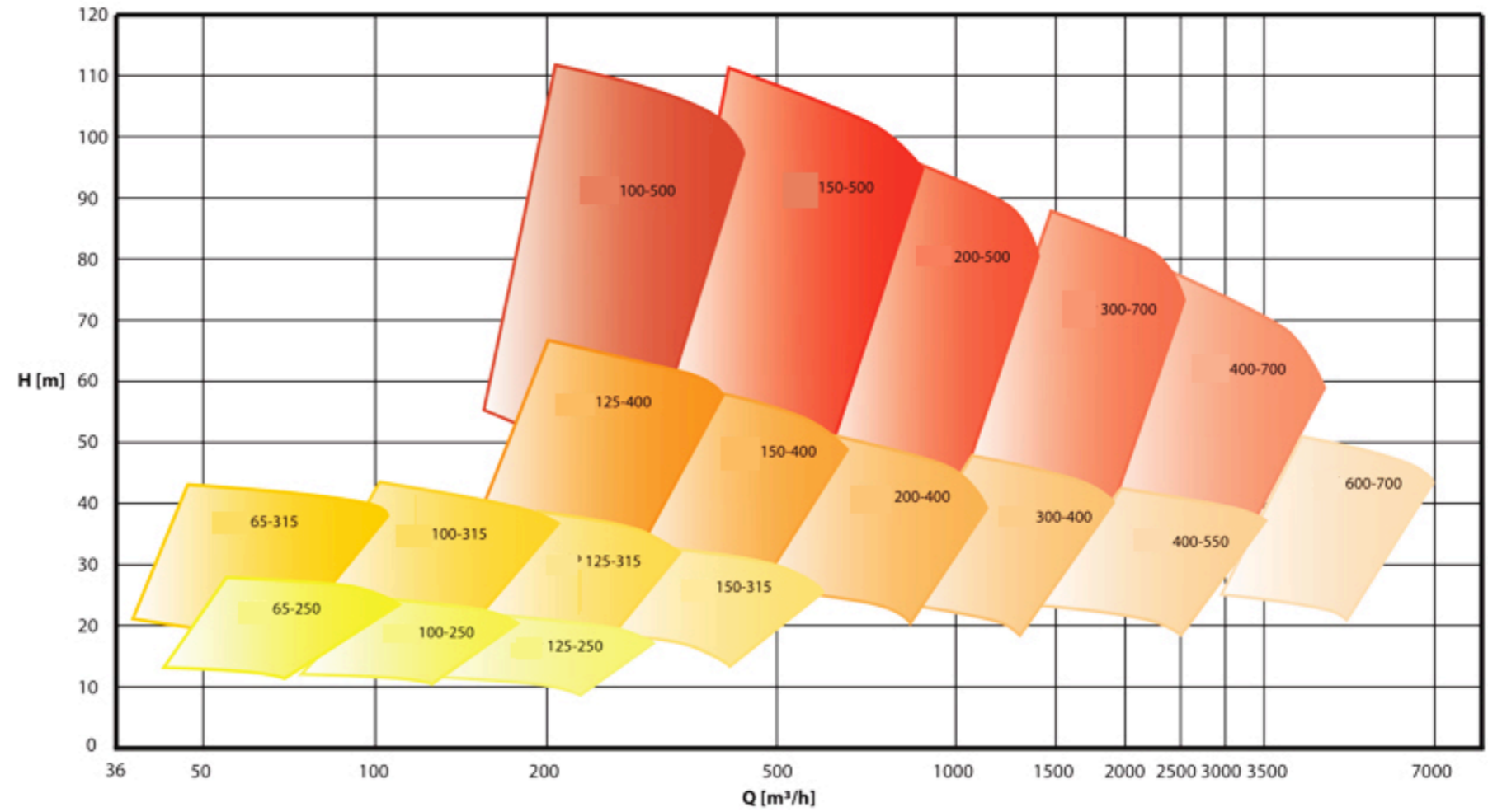
5. 5 IMPELLER DESIGN
 - Open, semi-open or closed
 - Special impeller for tomato paste and fruit concentrate

- 6.6 WEAR DISC
 - One wear disc to protect the pump casing



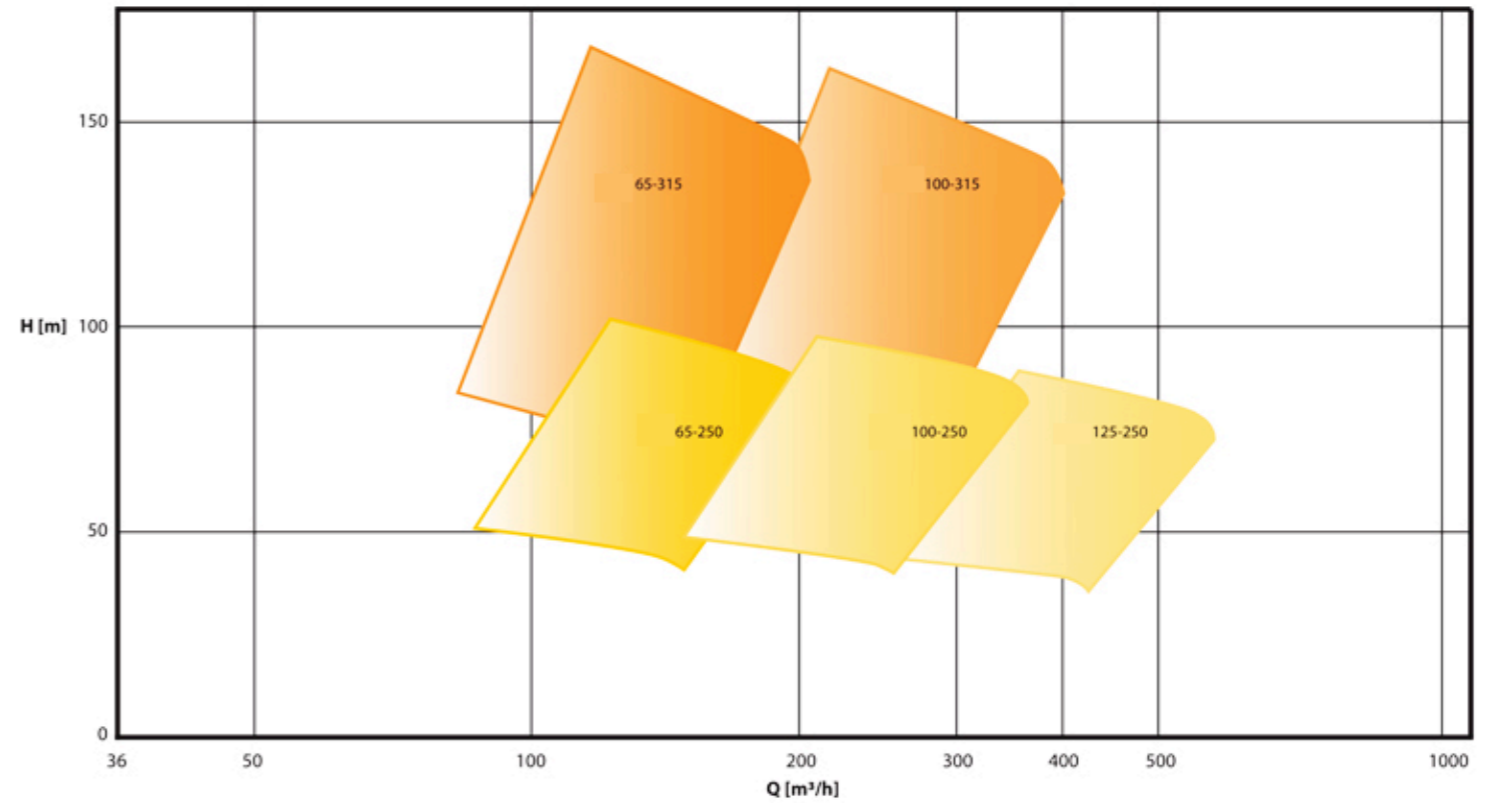


Charasteristic AZ 1000 & 1500 rpm .





Charasteristic AZ 3000 rpm .





Material:

| | EN-GJL 250 | 1.4460 | 1.4021 | 1.4022 | 1.4462 | 1.4517 | 1.4404 | 1.4439 | 1.4469 |
|------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Impeller | | ✓ | | | | ✓ | | | ✓ |
| Casing | ✓ | ✓ | | | | | | | ✓ |
| Casing cover | ✓ | ✓ | | | | | | | ✓ |
| Wear disc | | ✓ | | | | ✓ | | | ✓ |
| Shaft | | | | | ✓ | | | | |
| Bearing assembly | ✓ | | | | | | | | |



Application:

- Pulp and paper industry
- Water and waste water management
- Mining industry
- Offshore industry
- Power industry
- Food industry (e.g. sugar, starch, tomato juice) Bioethanol
- Chemical industry

Specifications:

Speed: 1500rpm–2900rpm/1750rpm–3500rpm

Capacity: 780m³/h (max)

Head: 160m

Working Condition: 16/20 bar max

Temperature of liquid: -40°C to 180°C , PH=0-14