



EUROPA

ZGE

ISO 2858 SOLID CENTRIFUGAL PUMPS

LONG-COUPLED • MECHANICAL SEALED

MADE OF THERMOPLASTIC POLYMERS

FOR STRONG ACIDS

50 Hz • 60 Hz

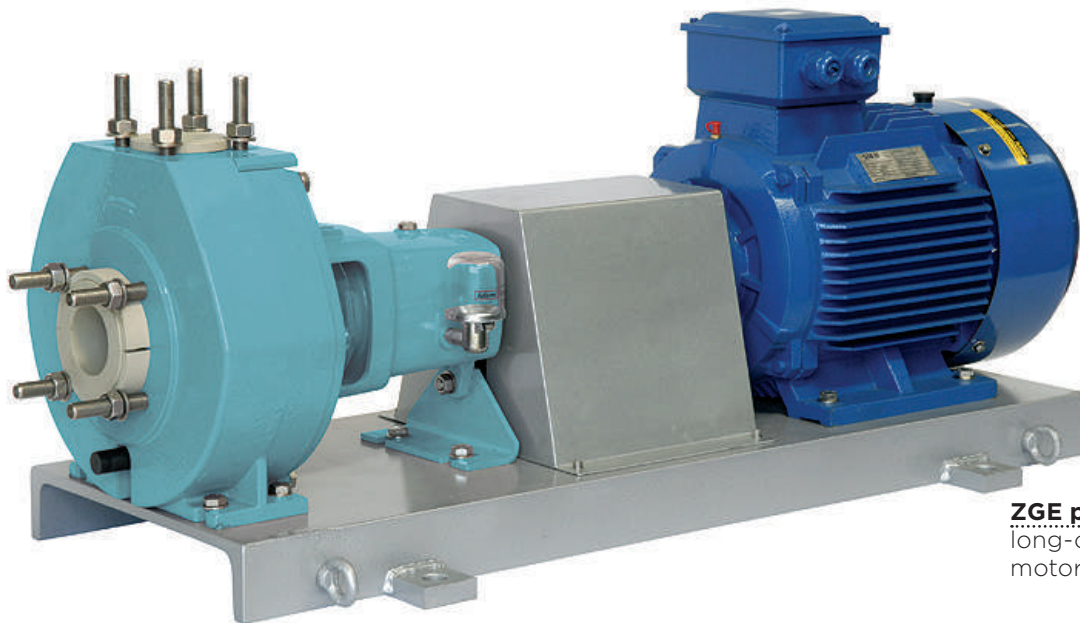


SOLID NON-METALLIC CENTRIFUGAL PUMPS

ISO 2858

The range **EUROPA ZGE** is composed of mech-sealed centrifugal pumps for process applications with the casing machined as solid-block for more strength. The casing's metallic covers help to prevent any static stress provoked by piping loads. How? by absorbing the shock throughout metal flanges.

These solid non-metallic centrifugal pumps are ideal for strong and aggressive chemicals. The various choice of high-quality materials and the different executions of mechanical seals are making **EUROPA** pumps perfect in any condition.



ZGE pump
long-coupled with motor

MATERIALS

Thanks to the various version of chemically resistant materials, the many execution available for mechanical seals and material combination, **ARGAL** offers the right solution for any pumped liquid.

VERSION	FC	WR	WF	PE	QR
PUMP CASING	PVDF	PP	PVDF	PEHMW	PVC
IMPELLER	PVDF	PP	PP	PEHMW	PVC
PLATE	PVDF	PP	PP	PEHMW	PVC
SLEEVES	PVDF	PP	PP	PEHMW	PVC
METAL FLANGES	GHISA				
SUPPORT	GHISA				
BASE	ACCIAIO				
STD GASKET	FPM				

ISO 2858 CONFORMITY (DIN 24256 - BS 5257 - NFE 44121)

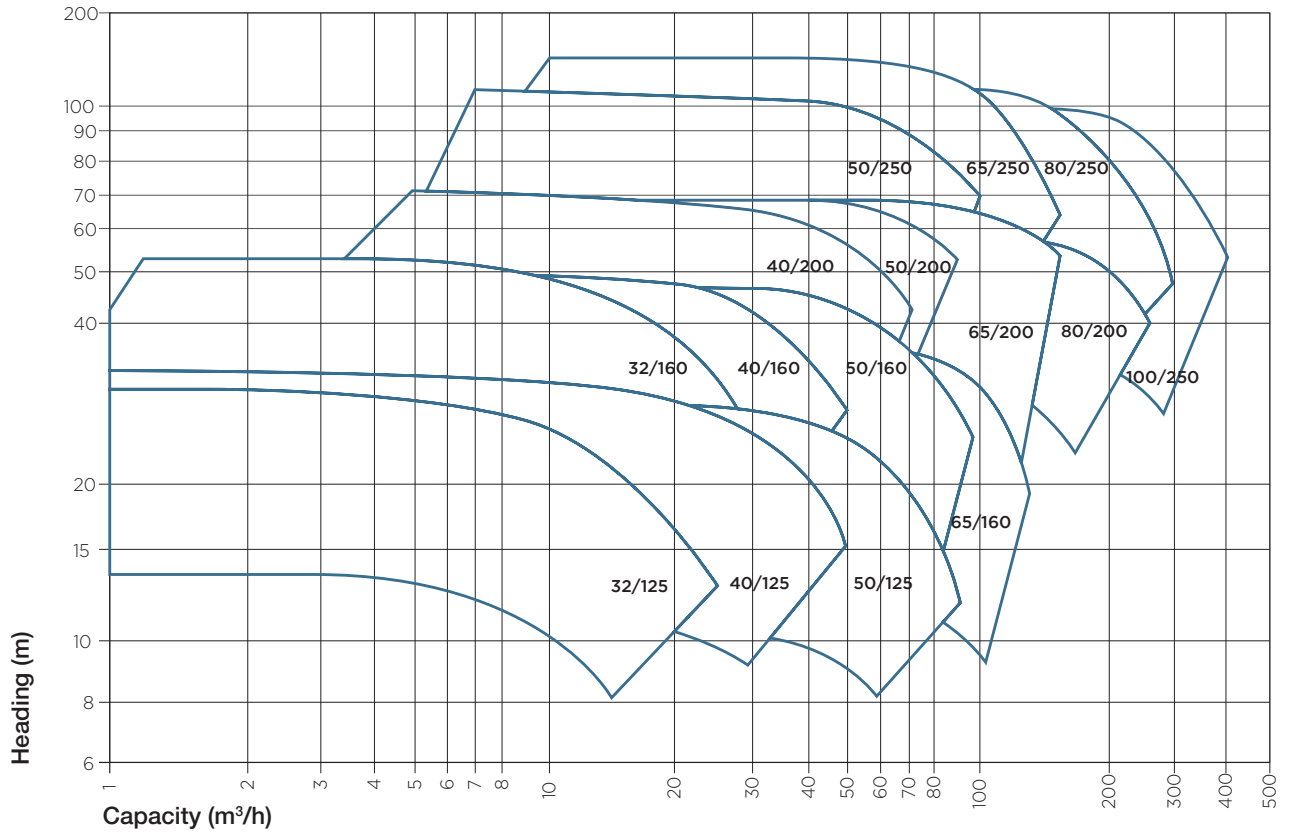
EUROPA pumps are respecting ISO 2858 standards regarding the operating point and main constructive dimensions of the pump, the baseplate, the coupling and the seal. These standards give a great advantage of interchangeability / complete or partial customisation of the pump.

SECTORS OF APPLICATION

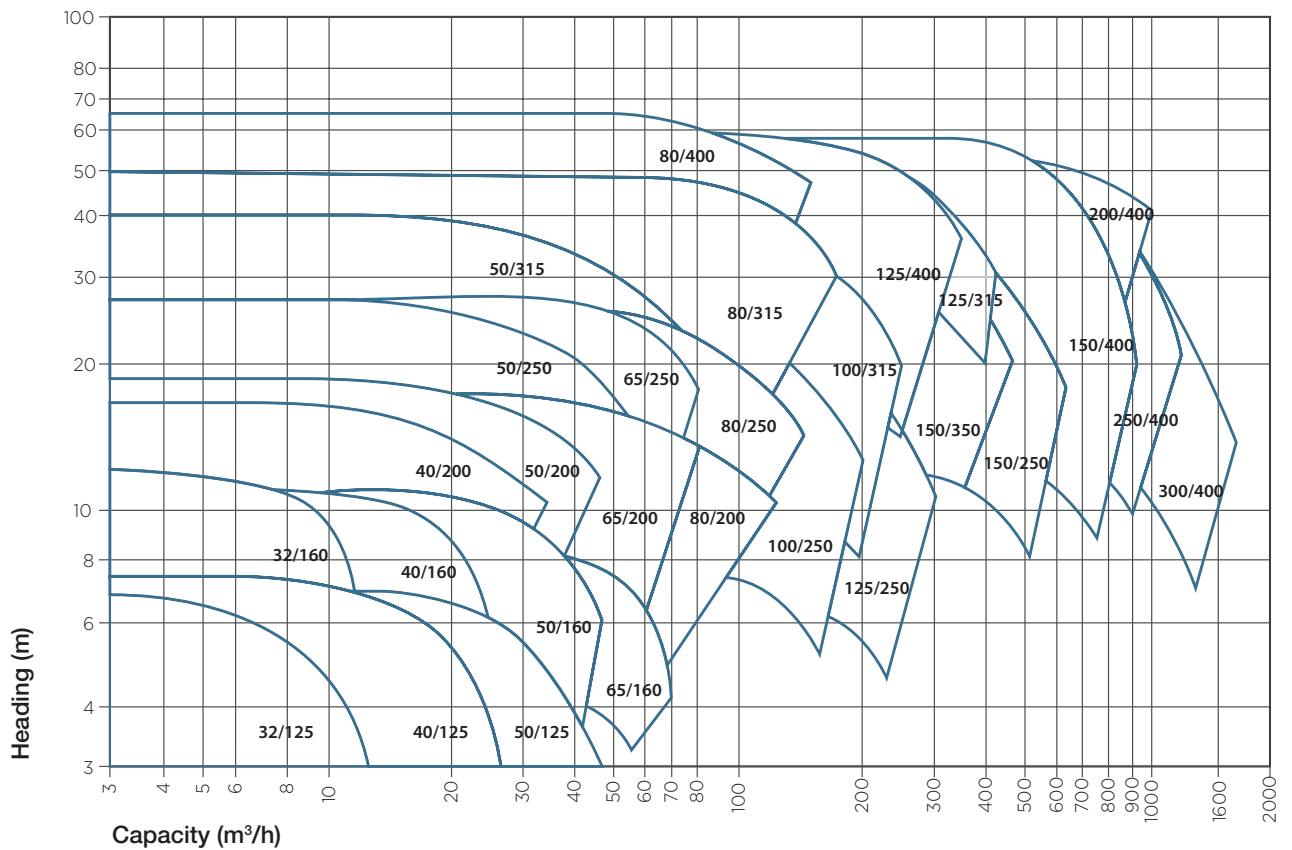
EUROPA range was conceived for "process" applications and suitable for acids, hydroxide and salt solutions used in various concentrations and temperatures, such as strong acid mixture, electrolytic bath, aromatic hydrocarbons, chlorides or alcohol:

- Chemical and pharmaceutical processes
- Textile industries and dye treatments
- Water and wastewater treatments
- Chemicals' transfer, loading and distribution
- Galvanic treatments
- Heat exchangers in anodizing industries
- Surface treatments and electroplating processes
- Chemical mixture recirculation
- Scrubbing towers and depuration plants

2900 rpm



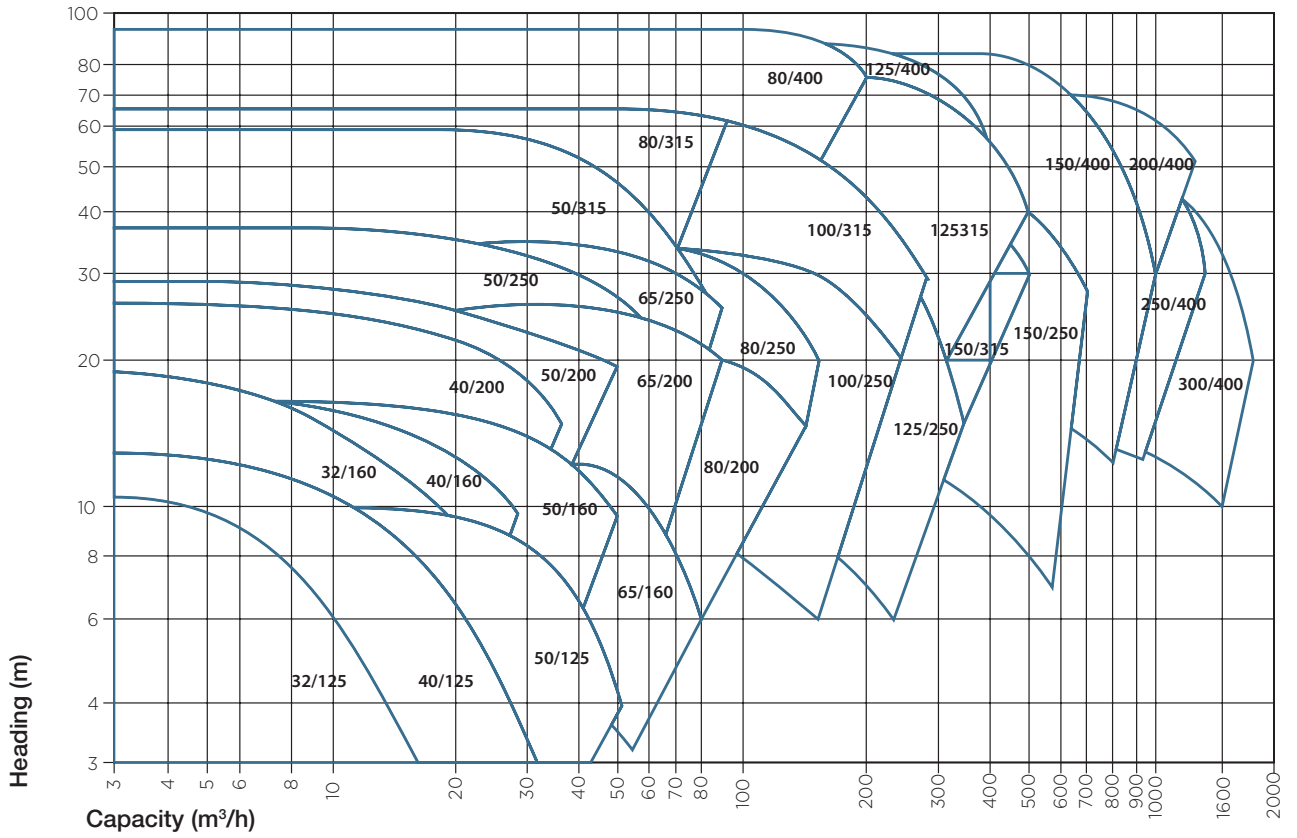
1450 rpm



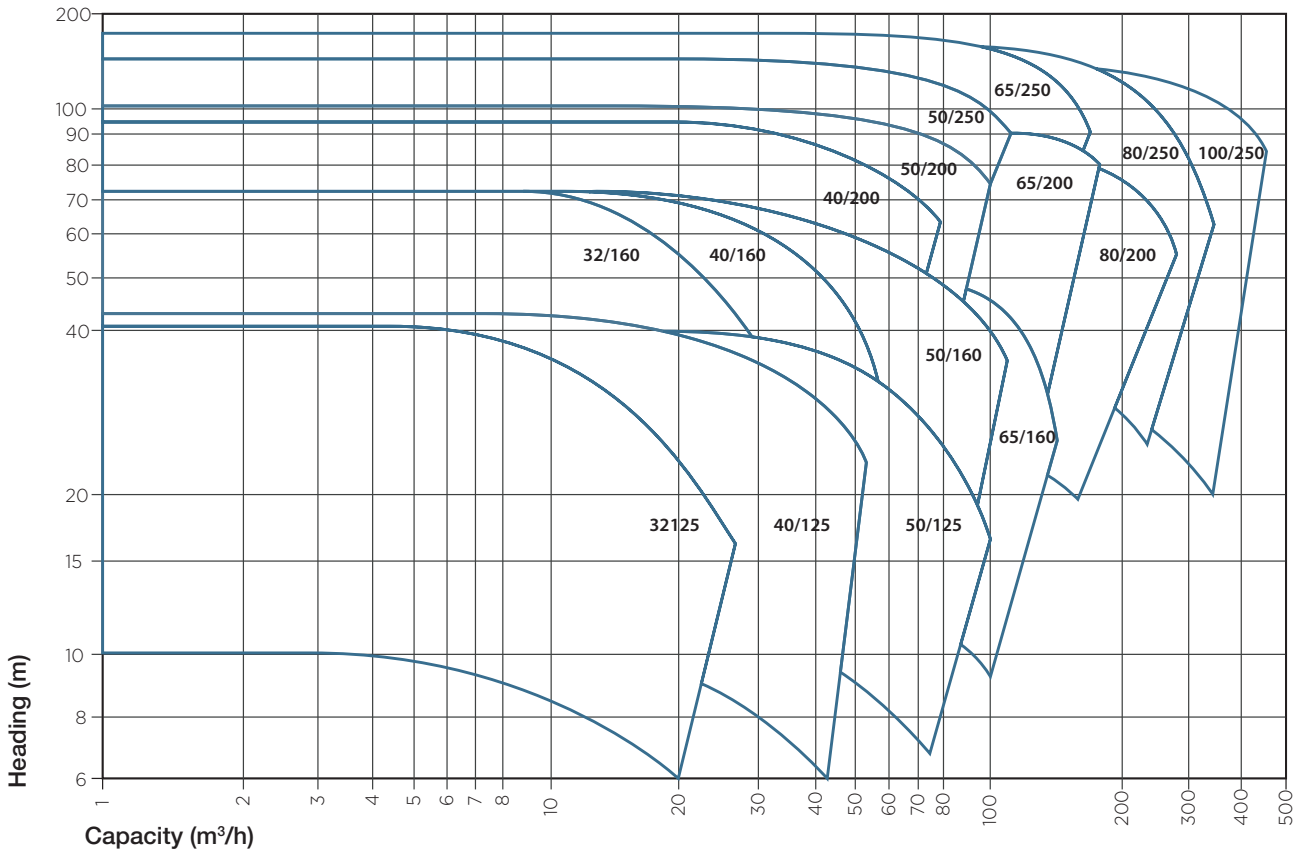
CURVES

60 Hz

3500 rpm



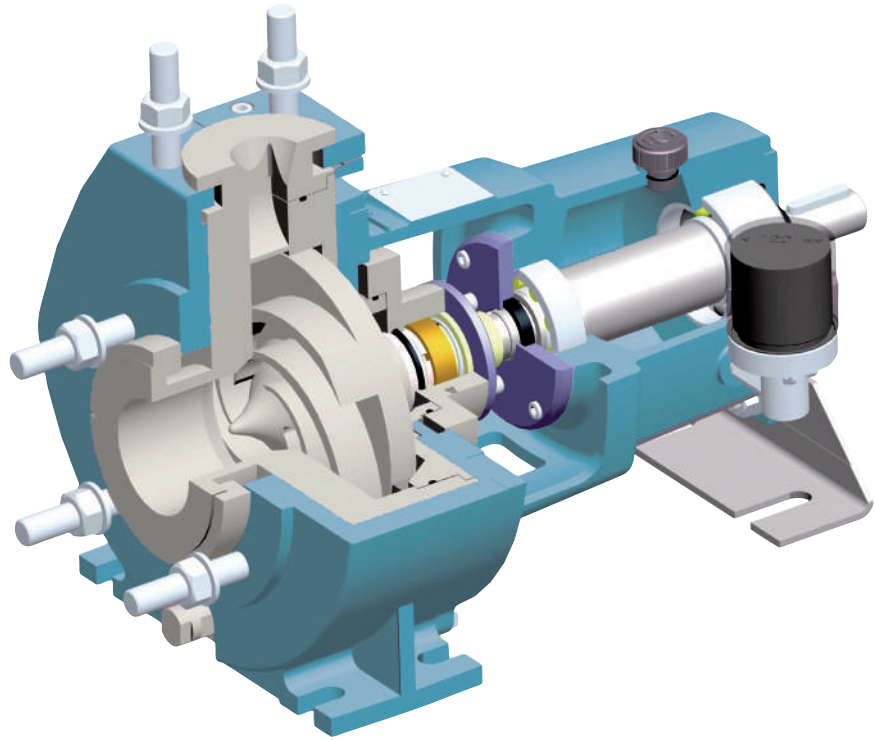
1750 rpm



A LARGE CHOICE OF CONFIGURATION FOR ALL APPLICATIONS

COMPONENTS

- 1 Front cover
- 2 Rear cover
- 3 Support
- 4 Volute casing
- 5 Intermediate plate
- 6 Impeller
- 7 O-ring
- 8 Seal chamber
- 9 O-ring
- 10 Drain plug
- 11 Mechanical seal
- 12 Bearing
- 13 Bearing
- 14 Shaft
- 15 Support foot
- 16 Lubrificating bulb

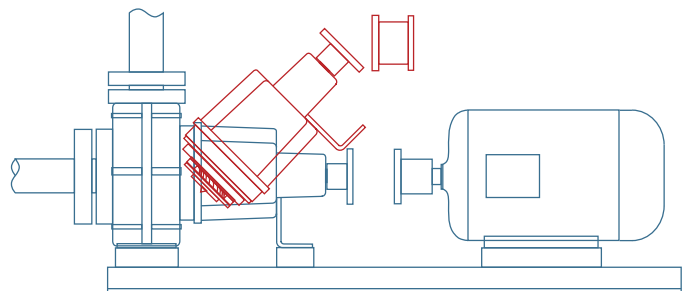


MECHANICAL SEALS

EXECUTION	SE1-SF1	SE3-SF3	B1-IP3	B3-IP5	TS2	TS3	M3-DE3	M4-DE4	M5-DE5	M9	M10
ROTATING PARTS	PTFE + glass		SiC		Carbon	SiC	Carbon		SiC	SiC	SiC
FIXED RINGS	Al ₂ O ₃		SiC		Al ₂ O ₃				SiC	Al ₂ O ₃	SiC
GASKETS (standard)	/		FPM								

BACK PULL-OUT SYSTEM

The **ZGE** series is equipped with the back pull-out system that allows the dismantling of the internal and mechanic parts of the pump without disconnecting the casing from the fittings and without moving the motor.



MAG-DRIVE &
MECH-SEALED
CENTRIFUGAL
PUMPS

AIR-METERING &
AODD PUMPS
PULSATION
DAMPENERS

VERTICAL SUMP
PUMPS



SUBMERSIBLE
PUMPS

SELF-PRIMING
PUMPS

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