

**NEW**

## PXA – the powerhouse now also up to 500 l/min

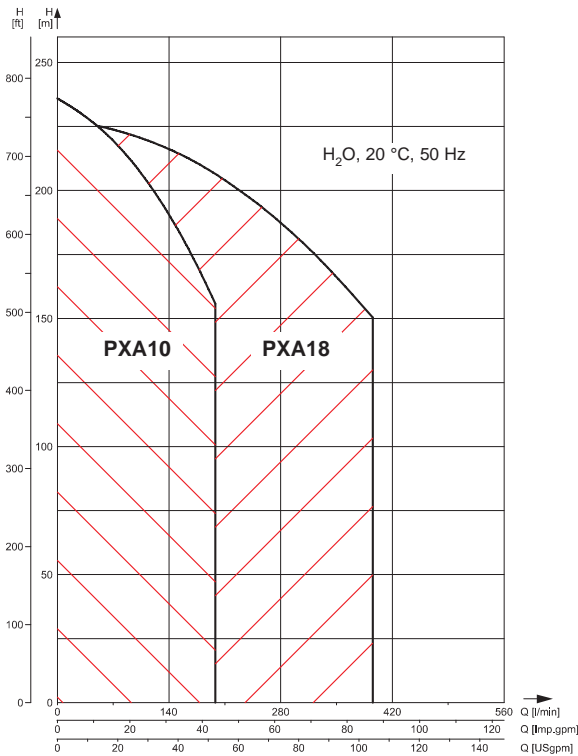


- Delivery rate  
 $Q_{\max} = 500 \text{ l/min}$
- Delivery head  
 $H_{\max} = 255 \text{ m}$
- Temperature range  
 $-10 \text{ }^{\circ}\text{C}$  to  $+90 \text{ }^{\circ}\text{C}$

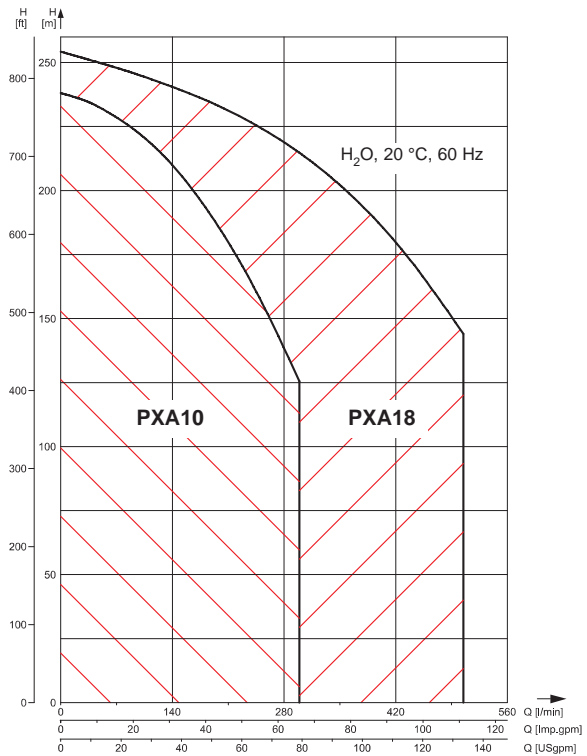
- Further development of the modular PX pump
- Specially designed for centralized coolant-supply systems
- Flexible drive concept – use of standard motors and infinite regulation by frequency converter
- Simple startup procedure – industrial plug-in connectors
- High efficiency
- Low running noise

**VOGEL**<sup>®</sup>  
Spandau  
pumps

Performance data for 50 Hz



Performance data for 60 Hz



### Mechanical design

Components	Material
Pump port	gray cast iron
Pump shaft	stainless steel 1.4305
Shaft retainer	stainless steel 1.4122
Intern. chamber	stainless steel 1.4301
Impeller	stainless steel 1.4301
Shaft bearing	Al-oxide/tungsten carbide
Secondary seals	FKM (FPM)
Tie-rod	stainless steel 1.4057
Pump bottom	gray cast iron
Gap bush	Teflon-Graphite
Mechanical seal	Carbon/SiC/FKM (FPM)

Accessories	Material
Intake strainer	stainless steel 1.4301
Bottom for extension tube	stainless steel 1.4301
Extension tube	steel

### Fluids delivered

- clean, turbid and air-free fluids without long-fibered or abrasive constituents
- aqueous emulsions
- low-viscosity cooling and cutting oils, synthetic and based on mineral oils

### Main applications

- machining centers
- transfer lines in the automobile industry
- centralized coolant supply systems
- washing and cleaning systems



A company of the SKF Group

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