› Our technology. Your success.
Pumps · Valves · Service

KSB

Product Portfolio 2018

Pumps ı Automation

Type Series Index

Our tradition:
Competence since 1871

We have supplied generations of customers worldwide with pumps, valves, automation products and services. A company with that kind of experience knows that success is a process based on a stream of innovations. A process made possible by a close working alliance between developer and user, between production and practice.

Partners achieve more together.
We do everything possible to ensure that our customers always have access to the ideal product and system solution. KSB is a loyal partner. And a strong one:

- Over 140 years' experience
- Present in more than 100 countries
- More than 16,000 employees
- More than 170 service centres worldwide
- Approximately 3,000 service specialists

Single-source supplier:
your partner for pumps, valves and service

We assist our customers right through the product life cycle

A comprehensive product range, short response times and tailored service and spare parts solutions – no other competitor offers a comparable range of products and services. In all phases of the product life cycle, we are on hand to ensure that our customers secure long-term value from their systems.

We offer our customers a variety of services and spare parts solutions around pumps, valves, and other rotating equipment – also for non-KSB products:

- Technical consultancy
- Installation and commissioning
- Services provided on-site and in our service centres
- Inspection and maintenance
- Maintenance inspection management
- Framework agreements such as TPM® Total Pump Management
- Efficiency analysis with SES System Efficiency Service or Pump Operation Check
- Reverse engineering
- Inventory management
- Retrofitting as an alternative to buying a new product
- Spare parts in manufacturer's quality
- On-site training sessions
- Refurbishment and decommissioning

Ready wherever you are:
with a global service network and a 24-hour emergency service.

Our mission:
Certified quality assurance

First-class products and excellent service take top priority at KSB. To maintain this level of excellence, we have developed a modern quality management system with globally applicable guidelines. It is based on the Business Excellence model of the European Foundation for Quality Management, which already ensures improved quality management Europewide.

Our guidelines define uniform quality for all KSB locations and have helped us to optimise our manufacturing processes. The results are shorter delivery times and global availability of our products. These guidelines govern the way we act so comprehensively that even the competence of our consulting and the good value for money we offer are clearly stipulated. Like the 'Made in Germany' quality seal, we introduced internal certification as a sign of the highest quality: 'Made by KSB'.

Our five key goals:

- **Maximum customer satisfaction:** We do everything to fulfil our customers' wishes on time and in full.
- **Fostering quality awareness:** We put our quality commitment into daily practice – from executives to employees, whose qualifications and competence we foster through continuing training.
- **Prevention rather than cure:** We systematically analyse errors and prevent the causes.
- **Improvement in quality:** We continually optimise our processes in order to work more efficiently.
- **Involvement of suppliers:** We attach great importance to working together fairly and openly to achieve our shared goals.

THE GLOBAL COMPACT
WE SUPPORT

As a signatory to the United Nations Global Compact, KSB is committed to endorsing the ten principles of the international community in the areas of human rights, labour standards, environmental protection and anti-corruption.

Industry 4.0: we have experience with the future

Digital networking of production systems is one of the key challenges ahead. An expert in engineering with long-standing experience in developing Industry 4.0 solutions, KSB is your ideal partner to achieve:

- Resource efficiency and optimised use of materials
- Availability and operating reliability
- Flexibility through short-term reconfigurability
- Reduction of time to market

Increase your system's productivity already today with KSB's smart products and services: Use our intelligent technologies designed to communicate, such as PumpDrive and PumpMeter, to lay a foundation for your smart factory. Find out more about our future-driven solutions at **www.ksb.com/industry40**

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FluidFuture®: the energy-saving concept for your system

Many systems do run reliably but they also use a lot more power than necessary. The solution: efficiency optimisation with FluidFuture® in four steps. We look at the entire hydraulic system to achieve maximum energy efficiency throughout the life cycle. The optimisation costs will pay for themselves within a short period through the high energy savings that can be made.

The process and its four steps are clearly defined – based on extensive expertise and experience. This systematic and targeted approach ensures maximum savings at minimum costs. Perfectly matching the hydraulic system, drive and automation products as well as the piping dimensions can result in savings of up to 60 %.

We reduce the operating costs of your system by combining our expert knowledge with smart products and services. This is our joint contribution towards an energy-efficient future.

More on FluidFuture®:
www.ksb.com/fluidfuture

General Information

ErP	 ErP regulations stipulating new, stricter minimum efficiency values became effective at the start of 2015. Since then, only pumps and motors which satisfy the energy efficiency requirements of the European Union's ErP Directive may be placed on the market. For KSB's products this is child's play. They are so efficient, many actually exceed the values required since 2015 – some even those applicable from 2017 as per the ErP regulations.
Regional products	Not all depicted products are available for sale in every country. Products only available in individual regions are indicated accordingly. Please contact your sales representative for details.
Trademark rights	All trademarks or company logos shown in the catalogue are protected by trademark rights owned by KSB SE & Co. KGaA and/or a KSB Group company. The absence of the "®" symbol should not be interpreted to mean that the term is not a registered trademark.
Product illustrations	The products illustrated as examples may include options and accessories incurring a surcharge. Subject to modifications due to technical enhancements.

Pumps

Design / Application	Type series	Page	ErP	Factory-automated	Automation available	Water Transport and Treatment	Industry	Energy Conversion	Building Services	Solids Transport
Drinking water circulators, fixed speed	Calio-Therm S NC/NCV	30							■	
	Calio-Therm NC	30							■	
Drinking water circulators, variable speed	Calio-Therm S	30		■					■	
Circulators, variable speed	Calio S	30	■	■					■	
	Calio	31	■	■					■	
	Calio Z	31	■	■					■	
In-line pumps	Etaline L	31	■		■		■		■	
	Etaline DL	31	■		■		■		■	
	Etaline	32	■		■		■		■	
	Etaline Z	32	■		■		■		■	
	Etaline-R	32	■		■		■		■	
	ILN	32			■	■	■		■	
	ILNC	32			■	■	■		■	
	Megaline	33	■		■		■		■	
Standardised / close-coupled pumps	Etanorm	33	■		■	■	■	■	■	
	Etanorm-R	33	■		■	■	■	■	■	
	Etabloc	33	■		■	■	■	■	■	
	Etachrom B	34	■		■	■	■	■	■	
	Etachrom L	34	■		■	■	■	■	■	
	Etanorm V	34				■	■	■	■	
	Meganorm	34	■		■	■	■	■	■	
	Megabloc	34	■		■	■	■	■	■	
Hot water pumps	HPK-L	35			■		■	■	■	
	HPH	35			■		■	■	■	
	HPK	35			■		■	■	■	
Hot water / thermal oil pumps	Etanorm SYT / RSY	35			■		■		■	
	Etabloc SYT	35			■		■		■	
	Etaline SYT	36			■		■		■	
Standardised chemical pumps	MegaCPK	36			■		■	■		
	CPKN	36			■		■	■		
Seal-less pumps	Magnochem	37			■		■	■		
	Magnochem-Bloc	37			■		■	■		
	Etaseco / Etaseco-I	37			■	■	■	■	■	
	Etaseco RVP	37			■	■	■	■	■	
Process pumps	RPH	37					■	■		
	RPHb / RPHd	38					■	■		
	RPH-V	38					■	■		
	RPHmdp	38					■	■		
	CTN	38					■			
	CHTR	38					■	■		
	CHTRa	39				■	■	■		
	CINCP / CINCN	39					■	■		
	INVCP	39				■	■	■		
	Estigia	39				■	■	■		
	RWCP / RWCN	39				■	■	■		
	WKTR	40					■			
Rainwater harvesting systems	Hya-Rain / Hya-Rain N	41		■		■			■	
	Hya-Rain Eco	41		■		■			■	

Design / Application	Type series	Page	ErP	Factory-automated	Automation available	Water Transport and Treatment	Industry	Energy Conversion	Building Services	Solids Transport
Domestic water supply systems with automatic control unit / Swimming pool pumps	Emporia CP	41				■			■	
	Emporia MB	41				■			■	
	Emporia PD	41				■			■	
	Multi Eco	42			■	■			■	
	Multi Eco-Pro	42		■		■				
	Multi Eco-Top	42		■		■			■	
	Ixo N	42			■	■			■	
	Ixo-Pro	42		■		■			■	
	Filtra N	43							■	
Pressure booster systems	KSB Delta Compact	43		■		■			■	
	KSB Delta Solo EV	43		■		■			■	
	Hya-Solo D	43		■		■	■		■	
	Hya-Solo DSV	43		■		■	■		■	
	Hya-Solo D FL	44		■			■		■	
	Hya-Duo D FL	44		■			■		■	
	Hya-Solo D FL Compact	44		■			■		■	
	Hya-Duo D FL Compact	44		■			■		■	
	Surpress Eco SE.2.B	45		■		■	■		■	
	Hya-Eco VP	44		■		■	■		■	
	Hyamat K	45		■		■	■		■	
	Hyamat V	45		■		■	■		■	
	Hyamat SVP	45		■		■	■		■	
	Hyamat SVP ECO	45		■		■	■		■	
	Surpress Eco SE.2.B VP	46		■		■	■		■	
	Surpresschrom SIC.2	46		■		■	■		■	
	Surpresschrom SIC.2 V	46		■		■	■		■	
	Surpresschrom SIC.2 SVP	46		■		■	■		■	
	Surpressbloc SB	46		■		■	■		■	
	Surpress Feu SFE	47		■			■		■	
	Surpress SP	47		■		■			■	
	Surpress SP VP	47		■		■			■	
Drainage pumps / waste water pumps	Ama-Drainer N	47			■				■	
	Ama-Drainer 4.. / 5..	47			■		■		■	
	Ama-Drainer 80, 100	48			■				■	
	Ama-Porter F / S	48			■				■	
	Rotex	48					■		■	
	MK / MKY	48			■		■		■	
Lifting units / pump stations	Amaclean	48				■			■	
	AmaDS³	49			■	■			■	
	Ama-Drainer-Box Mini	49		■					■	
	Ama-Drainer-Box	49		■					■	
	Evamatic-Box N	49							■	
	mini-Compacta	49		■					■	
	Compacta	50		■			■		■	
	CK 800 Pump Station	50		■		■	■		■	
	CK 1000 Pump Station	50		■		■	■		■	
	Ama-Porter CK Pump Station	50		■		■			■	
	SRP	50			■	■			■	
	SRL	51				■			■	
	SRS	51			■	■			■	
Submersible motor pumps	Amarex N	52			■	■	■		■	
	Amarex KRT	52			■	■	■		■	
	Amarex KRT (jacket cooling)	52			■	■	■		■	
	Amarex KRT (convection cooling)	52			■	■	■		■	

Design / Application	Type series	Page	ErP	Factory-automated	Automation available	Water Transport and Treatment	Industry	Energy Conversion	Building Services	Solids Transport
Submersible pumps in discharge tubes	Amacan K	53			■	■				
	Amacan P	53			■	■				
	Amacan S	53			■	■				
Mixers / agitators / tank cleaning units	Amamix	54				■	■			
	Amaprop	54				■	■			
	Amajet	54				■	■			
	Amaline	54				■	■			
Pumps for solids-laden fluids	Sewatec	55			■	■	■			
	Sewatec R	55				■	■			
	Sewabloc	55			■	■	■			
	KWP / KWP-Bloc	55			■	■	■	■		■
Slurry pumps	WBC	56								■
	LSA-S	56					■	■		■
	LCC-M	56					■	■		■
	LCC-R	56					■	■		■
	TBC	56								■
	LCV	57								■
	FGD	57					■	■		■
	MHD	57								■
	LHD	57								■
	MDX	57					■			■
	ZW	58								■
	HVF	58					■			■
Self-priming pumps	Etaprime L	59				■	■			
	Etaprime B	59				■	■			
	EZ B/L	59				■	■	■	■	
	AU	59				■	■			
	AU Monobloc	59				■	■			
Submersible borehole pumps	UPAchrom 100 CC	60	■		■	■	■		■	
	UPAchrom 100 CN	60	■		■	■	■		■	
	UPA 150C	60	■		■	■	■		■	
	UPA 200, 200B, 250C	60			■	■	■			
	UPA 300, 350	60			■	■	■			
	UPA-Z / UPA-R	61			■	■	■			
Deep-well turbine pumps	B-Pump					■	■	■		
High-pressure pumps	Comeo	62			■	■	■		■	
	Movitec H(S)I	62	■		■	■	■	■	■	
	Movitec	62	■		■	■	■	■	■	
	Movitec VCI	62	■		■	■	■			
	Multitec	62			■	■	■	■	■	
Axially split pumps	Omega	63			■	■	■	■	■	
	RDLO	63			■	■	■	■	■	
	RDLP	63			■	■				
Hygienic pumps for the food, beverage and pharmaceutical industries	Vitachrom	63			■	■	■			
	Vitacast	64			■	■	■			
	Vitacast Bloc	64			■	■	■			
	Vitaprime	64			■		■			
	Vitastage	64			■	■	■			
	Vitalobe	64			■		■			

Design / Application	Type series	Page	ErP	Factory-automated	Automation available	Water Transport and Treatment	Industry	Energy Conversion	Building Services	Solids Transport
Pumps for power station conventional islands	CHTA / CHTC / CHTD	65						■		
	HGB / HGC / HGD	65					■	■		
	HGM	65			■		■	■		
	YNK	65						■		
	LUV / LUVA	65						■		
	WKTB	66						■		
	SEZ / SEZT / PHZ / PNZ	66				■	■	■		
	SNW / PNW	66				■	■	■		
	Beveron	66				■	■	■		
	SPY	66				■	■	■		
Pumps for nuclear power stations	RER	67						■		
	RSR	67						■		
	RUV	67						■		
	PSR	67						■		
	RHD	67						■		
	LUV Nuclear	68						■		
	RHM	68						■		
	RVM	68						■		
	RHR	68						■		
	RVR	68						■		
Pumps for desalination by reverse osmosis	HGM-RO	69				■				
	Multitec-RO	69			■	■	■			
Positive displacement pumps	RC / RCV	69					■			
Fire-fighting systems	EDS	69		■		■	■		■	
	DU / EU	70		■		■	■		■	

Automation and drives

Design / Application	Type series	Page	ErP	Water Transport and Treatment	Industry	Energy Conversion	Building Services	Solids Transport
Automation and drives	KSB SuPremE	28	■	■	■		■	
	KSB UMA-S	28		■	■			
Control units	Controlmatic E	71		■			■	
	Controlmatic E.2	71		■			■	
	Cervomatic EDP.2	71		■			■	
	LevelControl Basic 2	71		■	■		■	
	UPA Control	71		■			■	
	Hyatronic N	72		■	■		■	
Variable speed system	PumpDrive 2 / PumpDrive 2 Eco	28		■	■		■	
	PumpDrive R	28		■	■		■	
Monitoring and diagnosis	PumpMeter	29		■	■		■	
	Amacontrol	72		■	■			

Fluids handled

	Drinking water circulators, fixed speed	Calio-Therm S NC/NCV	Calio-Therm NC	Drinking water circulators, variable speed	Calio-Therm S	Circulators, variable speed	Calio S	Calio	Calio Z	In-line pumps	Etaline L	Etaline DL	Etaline	Etaline Z	Etaline-R	ILN	ILNC	Megaline	Standardised / close-coupled pumps	Etanorm	Etanorm-R	Etabloc	Etachrom B	Etachrom L	Etanorm V	Meganorm	Megabloc
Waste water with faeces																■	■			■	■	■				■	■
Waste water without faeces																											
Aggressive liquids																											
Inorganic liquids																											
Activated sludge																											
Brackish water											■	■	■	■	■	■	■			■	■	■				■	■
Service water			■		■						■	■	■	■	■	■	■			■	■	■	■	■			
Distillate																											
Slurries																											
Explosive liquids																											
Digested sludge																											
Solids (ore, sand, gravel, ash)																											
Flammable liquids																											
River, lake and groundwater																■	■			■	■	■					
Liquefied gas																											
Food and beverage production																											
Gas-containing liquids																											
Filtered water																											
Geothermal water																											
Harmful liquids																											
Toxic liquids																											
High-temperature hot water											■	■	■	■	■			■		■	■	■	■	■		■	■
Heating water			■		■		■	■	■		■	■	■	■	■	■	■	■		■	■	■				■	■
Highly aggressive liquids																											
Industrial service water			■		■						■	■	■	■	■	■	■			■	■	■	■	■	■	■	■
Condensate																											
Corrosive liquids																											
Valuable liquids																											
Fuels																											
Coolants																											
Cooling lubricant																											
Cooling water			■		■		■	■	■		■	■	■	■	■	■	■			■	■	■	■	■			
Volatile liquids																											
Fire-fighting water																■	■			■	■	■				■	■
Solvents																											
Seawater																■	■					■					
Oils																				■	■	■	■	■			
Organic liquids																											
Pharmaceutical fluids																											
Polymerising liquids																											
Rainwater / stormwater																											
Cleaning agents																■	■					■	■	■		■	■
Raw sludge																											
Lubricants																											
Waste water																											
Swimming pool water																■	■			■	■	■	■	■		■	■
Brine																■	■			■	■	■					
Feed water																■	■									■	■
Dipping paints																									■		
Drinking water		■	■		■						■	■	■	■		■	■			■	■	■	■	■		■	■
Thermal oil																											
Hot water			■		■		■	■	■		■	■	■	■	■	■	■	■		■	■	■	■	■		■	■
Wash water																■	■								■	■	■

Fluids handled

	Hot water pumps	HPK-L	HPH	HPK	Hot water / thermal oil pumps	Etanorm SYT / RSY	Etabloc SYT	Etaline SYT	Standardised chemical pumps	MegaCPK	CPKN	Seal-less pumps	Magnochem	Magnochem-Bloc	Etaseco / Etaseco-I	Etaseco RVP	Process pumps	RPH	RPHb / RPHd	RPH-V	RPHmdp	CTN	CHTR	CHTRa	CINCP / CINCN	INVCP	Estigia	RWCP / RWCN	WKTR	Rainwater harvesting systems	Hya-Rain / Hya-Rain N	Hya-Rain Eco
Waste water with faeces																									■	■		■				
Waste water without faeces													■	■	■	■									■	■		■				
Aggressive liquids										■	■		■	■	■	■		■	■	■	■	■	■	■	■	■	■	■				
Inorganic liquids										■	■		■	■	■	■		■	■	■	■	■	■	■	■	■	■					
Activated sludge																												■				
Brackish water										■	■							■	■							■	■					
Service water										■	■		■	■	■	■		■	■	■	■				■	■	■	■		■	■	
Distillate		■	■	■						■	■		■	■	■	■											■					
Slurries																																
Explosive liquids										■	■		■	■				■	■	■	■		■	■			■		■			
Digested sludge																																
Solids (ore, sand, gravel, ash)																												■				
Flammable liquids										■	■		■	■				■	■	■	■		■	■	■	■	■	■	■			
River, lake and groundwater																																
Liquefied gas																					■		■	■					■			
Food and beverage production																																
Gas-containing liquids										■	■												■				■					
Filtered water																						■	■									
Geothermal water																																
Harmful liquids										■	■		■	■	■	■		■	■	■	■		■	■			■					
Toxic liquids										■	■		■	■	■	■		■	■	■	■		■				■					
High-temperature hot water		■	■	■		■	■	■		■	■		■	■									■	■								
Heating water															■	■																
Highly aggressive liquids						■				■	■		■	■				■	■	■	■	■										
Industrial service water										■	■														■	■	■	■				
Condensate		■		■																		■	■	■		■			■			
Corrosive liquids										■	■		■	■				■	■	■	■	■	■	■	■	■	■	■				
Valuable liquids										■	■		■	■	■	■		■	■	■	■						■					
Fuels										■	■		■	■				■	■	■	■		■	■			■		■			
Coolants													■	■	■	■										■	■					
Cooling lubricant																											■					
Cooling water		■	■	■						■	■		■	■	■	■		■	■		■					■	■					
Volatile liquids										■	■		■	■	■	■		■	■	■	■		■	■			■		■			
Fire-fighting water										■	■																					
Solvents										■	■		■	■	■	■		■	■	■	■		■	■	■	■	■	■				
Seawater										■	■												■	■	■	■	■	■				
Oils		■		■		■	■	■		■	■		■	■	■	■		■	■	■	■		■	■	■	■	■	■				
Organic liquids		■		■						■	■		■	■	■	■		■	■	■	■	■	■	■	■	■	■	■				
Pharmaceutical fluids																																
Polymerising liquids										■	■		■	■							■						■					
Rainwater / stormwater																						■					■			■	■	
Cleaning agents						■				■	■		■	■	■	■		■	■	■	■				■	■	■	■				
Raw sludge																																
Lubricants				■						■	■		■	■				■	■	■	■				■	■		■				
Waste water																												■				
Swimming pool water																																
Brine						■				■	■		■	■	■	■										■	■					
Feed water		■	■	■																			■	■								
Dipping paints													■	■	■	■										■						
Drinking water										■	■		■	■	■	■							■	■	■	■	■	■				
Thermal oil		■		■		■	■	■										■	■		■				■	■		■				
Hot water		■	■	■		■	■	■		■	■		■	■	■	■							■	■			■					
Wash water																									■	■	■	■				

Fluids handled

	Domestic water supply systems with automatic control unit / Swimming pool pumps										Pressure booster systems																										
	Emporia CP	Emporia MB	Emporia PD	Multi Eco	Multi Eco-Pro	Multi Eco-Top	Ixo N	Ixo Pro	Filtra N		KSB Delta Compact	KSB Delta Solo EV	Hya-Solo D	Hya-Solo DSV	Hya-Solo D FL	Hya-Duo D FL	Hya-Solo D FL Compact	Hya-Duo D FL Compact	Surpress Eco SE.2.B	Hya-Eco VP	Hyamat K	Hyamat V	Hyamat SVP	Hyamat SVP ECO	Surpress Eco SE.2.B VP	Surpresschrom SIC.2	Surpresschrom SIC.2 V	Surpresschrom SIC.2 SVP	Surpressbloc SB	Surpress Feu SFE	Surpress SP	Surpress SP VP					
Waste water with faeces																																					
Waste water without faeces																																					
Aggressive liquids																																					
Inorganic liquids																																					
Activated sludge																																					
Brackish water																																					
Service water	■	■	■	■	■	■	■	■																													
Distillate																																					
Slurries																																					
Explosive liquids																																					
Digested sludge																																					
Solids (ore, sand, gravel, ash)																																					
Flammable liquids																																					
River, lake and groundwater																																					
Liquefied gas																																					
Food and beverage production																																					
Gas-containing liquids																																					
Filtered water																																					
Geothermal water																																					
Harmful liquids																																					
Toxic liquids																																					
High-temperature hot water																																					
Heating water																																					
Highly aggressive liquids																																					
Industrial service water											■	■	■	■					■	■	■	■	■	■	■	■	■	■		■	■						
Condensate																																					
Corrosive liquids																																					
Valuable liquids																																					
Fuels																																					
Coolants																																					
Cooling lubricant																																					
Cooling water																														■							
Volatile liquids																																					
Fire-fighting water															■	■	■	■													■						
Solvents																																					
Seawater																																					
Oils																																					
Organic liquids																																					
Pharmaceutical fluids																																					
Polymerising liquids																																					
Rainwater / stormwater											■	■	■	■					■	■	■	■	■	■	■	■	■	■			■	■					
Cleaning agents																																					
Raw sludge																																					
Lubricants																																					
Waste water																																					
Swimming pool water									■		■	■	■	■					■	■	■	■	■	■	■	■	■	■			■	■					
Brine																																					
Feed water																																					
Dipping paints																																					
Drinking water	■	■	■	■	■	■					■	■	■	■					■	■	■	■	■	■	■	■	■	■	■		■	■					
Thermal oil																																					
Hot water																																					
Wash water																																					

Fluids handled

	Drainage pumps / waste water pumps							Lifting units / pump stations														Submersible motor pumps				
	Ama-Drainer N	Ama-Drainer 4.. / 5..	Ama-Drainer 80, 100	Ama-Porter F / S	Rotex	MK / MKY		Amaclean	AmaDS³	Ama-Drainer-Box Mini	Ama-Drainer-Box	Evamatic-Box N	mini-Compacta	Compacta	CK 800 Pump Station	CK 1000 Pump Station	Ama-Porter CK Pump Station	SRP	SRL	SRS		Amarex N	Amarex KRT	Amarex KRT (jacket cooling)	Amarex KRT (convection cooling)
Waste water with faeces								■	■			■	■	■	■	■		■	■	■		■	■	■	■
Waste water without faeces	■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■
Aggressive liquids						■							■	■									■		■
Inorganic liquids																									
Activated sludge																						■	■	■	■
Brackish water													■	■									■	■	■
Service water	■	■	■			■				■	■	■	■	■	■	■	■					■	■	■	■
Distillate																									
Slurries																									
Explosive liquids																									
Digested sludge																						■	■	■	■
Solids (ore, sand, gravel, ash)																									
Flammable liquids																									
River, lake and groundwater	■	■	■	■		■																■	■		■
Liquefied gas																									
Food and beverage production																									
Gas-containing liquids																						■	■	■	■
Filtered water																							■	■	■
Geothermal water																									
Harmful liquids																									
Toxic liquids																									
High-temperature hot water																									
Heating water																									
Highly aggressive liquids																									
Industrial service water	■	■	■			■							■	■								■	■	■	■
Condensate						■							■	■											
Corrosive liquids																							■		
Valuable liquids																									
Fuels																									
Coolants																									
Cooling lubricant																									
Cooling water																						■	■		■
Volatile liquids																									
Fire-fighting water																									
Solvents																									
Seawater													■	■								■	■		
Oils						■																			
Organic liquids																									
Pharmaceutical fluids																									
Polymerising liquids																									
Rainwater / stormwater																							■		■
Cleaning agents																									
Raw sludge																						■	■	■	
Lubricants																									
Waste water	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■
Swimming pool water													■	■											
Brine																							■		
Feed water																									■
Dipping paints																									
Drinking water																							■		■
Thermal oil						■																			
Hot water																									■
Wash water																						■			

Fluids handled

	Submersible pumps in discharge tubes	Amacan K	Amacan P	Amacan S	Mixers / agitators / tank cleaning units	Amamix	Amaprop	Amajet	Amaline	Pumps for solids-laden fluids	Sewatec	Sewatec R	Sewabloc	KWP / KWP-Bloc	Slurry pumps	WBC	LSA-S	LCC-M	LCC-R	TBC	LCV	FGD	MHD	LHD	MDX	ZW	HVF	Self-priming pumps	Etaprime L	Etaprime B	EZ B/L	AU	AU Monobloc			
Waste water with faeces						■	■	■	■		■	■	■	■																						
Waste water without faeces						■	■	■	■		■	■	■	■																		■	■			
Aggressive liquids														■			■	■	■										■	■		■	■			
Inorganic liquids																																				
Activated sludge		■							■		■		■																							
Brackish water																													■	■	■	■	■			
Service water		■	■	■				■						■															■	■						
Distillate																																				
Slurries														■		■	■	■	■	■	■	■	■	■	■	■	■								
Explosive liquids																																				
Digested sludge											■		■																							
Solids (ore, sand, gravel, ash)														■		■	■	■	■	■	■	■	■	■	■	■	■								
Flammable liquids																																				
River, lake and groundwater			■	■							■	■	■	■															■	■		■	■			
Liquefied gas																																				
Food and beverage production																																				
Gas-containing liquids														■																						
Filtered water																															■					
Geothermal water																																				
Harmful liquids																																				
Toxic liquids																																				
High-temperature hot water																																				
Heating water																																				
Highly aggressive liquids																																				
Industrial service water		■	■	■				■						■																						
Condensate																													■	■						
Corrosive liquids														■				■	■			■														
Valuable liquids																																				
Fuels																																				
Coolants																																				
Cooling lubricant																																				
Cooling water														■															■	■		■	■			
Volatile liquids																																				
Fire-fighting water																													■	■		■	■			
Solvents																																				
Seawater														■															■	■	■	■	■			
Oils																													■	■						
Organic liquids																																				
Pharmaceutical fluids																																				
Polymerising liquids																																				
Rainwater / stormwater			■	■				■			■	■	■																							
Cleaning agents																													■	■						
Raw sludge											■		■																							
Lubricants																																				
Waste water											■	■	■	■				■	■		■					■						■	■			
Swimming pool water																													■	■						
Brine														■															■	■						
Feed water																															■					
Dipping paints																																				
Drinking water		■	■	■																									■	■						
Thermal oil																																				
Hot water														■																	■					
Wash water																																				

Fluids handled

	Submersible borehole pumps								Deep-well turbine pumps		High-pressure pumps						Axially split pumps				Hygienic pumps for the food, beverage and pharmaceutical industries						Pumps for power station conventional islands									
		UPAchrom 100 CC	UPAchrom 100 CN	UPA 150 C	UPA 200, 200B, 250C	UPA 300, 350	UPA-Z / UPA-R			B-Pump		Comeo	Movitec H(S)I	Movitec	Movitec VCI	Multitec		Omega	RDLO	RDLP		Vitachrom	Vitacast/Vitacast Bloc	Vitaprime	Vitastage	Vitalobe		CHTA / CHTC / CHTD	HGB / HGC / HGD	HGM	YNK	LUV / LUVA	WKTB	SEZ / SEZT / PHZ / PNZ	SNW / PNW	Beveron	SPY
Waste water with faeces																																		■
Waste water without faeces																																		■
Aggressive liquids																																		
Inorganic liquids																																		
Activated sludge																																		
Brackish water										■						■		■	■	■														
Service water		■	■	■	■	■	■			■						■		■	■	■													■	■	■	■
Distillate													■	■	■	■																			
Slurries																																		
Explosive liquids																																		
Digested sludge																																		
Solids (ore, sand, gravel, ash)																																		
Flammable liquids																																		
River, lake and groundwater		■	■	■	■	■	■			■						■		■	■	■													■	■	■	■
Liquefied gas																■																			
Food and beverage production																						■	■	■	■	■									
Gas-containing liquids																																		
Filtered water																■																			
Geothermal water																■																			
Harmful liquids																																		
Toxic liquids																																		
High-temperature hot water													■	■		■		■	■									■	■	■	■	■				
Heating water																■		■																	
Highly aggressive liquids																																		
Industrial service water		■	■	■	■	■	■			■		■	■	■	■	■		■	■														■	■	■	■
Condensate													■	■	■	■		■	■	■								■	■	■	■		■				■
Corrosive liquids																																		
Valuable liquids																																		
Fuels																■																			
Coolants																																		
Cooling lubricant															■																				
Cooling water		■	■	■	■	■	■					■	■	■	■	■		■	■	■													■	■	■	■
Volatile liquids																																		
Fire-fighting water		■	■	■	■	■				■			■	■	■	■		■	■															
Solvents																■																			
Seawater				■	■	■	■			■						■		■	■	■													■	■	■	
Oils																■																			
Organic liquids																■																			
Pharmaceutical fluids																						■	■	■	■	■									
Polymerising liquids																																		
Rainwater / stormwater																																	■	■	■	
Cleaning agents																■																			
Raw sludge																																		
Lubricants															■	■																			
Waste water																																		
Swimming pool water																																		
Brine																																		
Feed water																■		■	■									■	■	■	■	■				
Dipping paints																																		
Drinking water		■	■	■	■	■	■			■		■	■	■	■	■		■	■	■		■	■	■	■	■									
Thermal oil																																		
Hot water																■		■	■																
Wash water		■	■									■	■	■	■	■																			

Fluids handled

	Pumps for nuclear power stations	RER	RSR	RUV	PSR	RHD	LUV Nuclear	RHM	RVM	RHR	RVR	Pumps for desalination by reverse osmosis	HGM-RO	Multitec-RO	Positive displacement pumps	RC / RCV	Fire-fighting systems	EDS	DU / EU	Drives	KSB SuPremE	KSB UMA-S	Variable speed system	PumpDrive 2/PumpDrive 2 Eco	PumpDrive R	Monitoring and diagnosis	PumpMeter
Waste water with faeces																					■			■	■		
Waste water without faeces																					■			■	■		
Aggressive liquids																											
Inorganic liquids																					■			■	■		
Activated sludge																					■			■	■		
Brackish water													■	■							■			■	■		
Service water																						■					■
Distillate																					■			■	■		
Slurries																					■			■	■		
Explosive liquids																					■			■	■		
Digested sludge																					■			■	■		
Solids (ore, sand, gravel, ash)																					■			■	■		
Flammable liquids																					■			■	■		
River, lake and groundwater																					■	■		■	■		■
Liquefied gas																					■			■	■		
Food and beverage production																					■			■	■		
Gas-containing liquids																											
Filtered water																					■			■	■		■
Geothermal water														■													
Harmful liquids																											
Toxic liquids																					■			■	■		
High-temperature hot water																					■			■	■		■
Heating water																					■			■	■		■
Highly aggressive liquids																					■			■	■		
Industrial service water																					■	■		■	■		■
Condensate																					■			■	■		
Corrosive liquids																					■			■	■		
Valuable liquids																					■			■	■		
Fuels																■					■			■	■		
Coolants		■	■	■	■		■	■	■	■	■										■			■	■		
Cooling lubricant																					■			■	■		
Cooling water										■	■											■					■
Volatile liquids																					■			■	■		
Fire-fighting water																		■	■		■	■		■	■		■
Solvents																											
Seawater													■	■								■					
Oils																■											■
Organic liquids																					■			■	■		
Pharmaceutical fluids																											
Polymerising liquids																					■			■	■		
Rainwater / stormwater																					■			■	■		
Cleaning agents																					■			■	■		■
Raw sludge																					■			■	■		
Lubricants																■					■			■	■		
Waste water																					■			■	■		
Swimming pool water																											■
Brine													■								■			■	■		
Feed water						■		■	■												■			■	■		
Dipping paints																					■			■	■		
Drinking water																					■	■		■	■		■
Thermal oil																					■			■	■		
Hot water																					■			■	■		■
Wash water																											■

Applications

	Drinking water circulators, fixed speed	Calio-Therm S NC/NCV	Calio-Therm NC	Drinking water circulators, variable speed	Calio-Therm S	Circulators, variable speed	Calio S	Calio	Calio Z	In-line pumps	Etaline L	Etaline DL	Etaline	Etaline Z	Etaline-R	ILN	ILNC	Megaline	Standardised / close-coupled pumps	Etanorm	Etanorm-R	Etabloc	Etachrom B	Etachrom L	Etanorm V	Meganorm	Megabloc
Aquaculture																											
Spray irrigation																■	■			■	■	■	■	■			
Mining																											
Irrigation																■	■			■	■	■	■	■	■		
Chemical industry																				■	■						
Dock facilities																■	■										
Drainage																										■	■
Pressure boosting																											
Sludge thickening																											
Disposal																											
Dewatering																■	■			■	■	■	■	■	■		
Descaling units																											
District heating							■	■	■		■	■	■	■	■	■	■			■	■						
Solids transport																											
Fire-fighting systems																■	■			■	■	■					
Geothermal energy applications																				■	■						
Drawdown of groundwater levels																											
Maintaining groundwater levels																■	■										
Domestic water supply		■	■		■													■								■	■
Flood control / coast protection																											
Homogenisation																											
Industrial recirculation systems			■		■		■	■	■		■	■	■	■	■	■	■			■	■	■	■	■			
Nuclear power stations																											
Boiler feed applications			■		■		■	■	■																		
Boiler recirculation			■		■		■	■	■																		
Waste water treatment plants																■	■			■	■	■	■	■	■		
Air-conditioning systems			■		■		■	■	■		■	■	■	■	■	■	■	■		■	■	■	■	■		■	■
Condensate transport																■	■			■	■	■	■	■		■	■
Cooling circuits			■		■		■	■	■		■	■	■	■	■	■	■	■		■	■	■	■	■		■	■
Paint shops																		■							■	■	■
Food and beverage industry											■	■	■	■	■	■	■			■	■	■	■	■	■		
Seawater desalination / reverse osmosis																■	■			■	■	■				■	■
Mixing																											
Offshore platforms																■	■										
Paper and pulp industry																											
Petrochemical industry																											
Pharmaceutical industry																											
Pipelines and tank farms																		■								■	■
Refineries																											
Flue gas desulphurisation																											
Rainwater harvesting																		■								■	■
Cleaning of stormwater tanks / storage sewers																											
Recirculation																■	■	■								■	■
Dredging																											
Shipbuilding																■	■										
Sludge disposal																											
Sludge processing																											
Snow-making systems																											
Heavy oil and coal upgrading																											
Swimming pools																■	■			■	■	■	■	■			
Solar thermal energy systems							■	■	■																		
Fountains																■	■										
Keeping in suspension																											
Thermal oil circulation																											
Draining of pits, shafts, etc.																■	■										
Process engineering																											
Heat recovery systems			■		■		■	■	■		■	■	■	■	■	■	■	■									
Hot-water heating systems			■		■		■	■	■		■	■	■	■	■	■	■	■		■	■	■	■	■		■	■
Washing plants																		■								■	■
Water treatment																■	■	■		■	■		■	■		■	■
Water extraction																■	■			■	■		■	■			
Water supply			■		■						■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■
Sugar industry																											

Applications

	Hot water pumps				Hot water / thermal oil pumps				Standardised chemical pumps		Seal-less pumps					Process pumps												Rainwater harvesting systems						
		HPK-L	HPH	HPK	Etanorm SYT / RSY	Etabloc SYT	Etaline SYT		MegaCPK	CPKN		Magnochem	Magnochem-Bloc	Etaseco / Etaseco-I	Etaseco RVP		RPH	RPHb / RPHd	RPH-V	RPHmdp	CTN	CHTR	CHTRa	CINCP / CINCN	INVCP	Estigia	RWCP / RWCN	WKTR		Hya-Rain / Hya-Rain N	Hya-Rain Eco				
Aquaculture																								■	■	■	■							
Spray irrigation																													■	■				
Mining																																		
Irrigation																													■	■				
Chemical industry									■	■		■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■						
Dock facilities																																		
Drainage																								■	■	■	■							
Pressure boosting																						■	■											
Sludge thickening																																		
Disposal																											■							
Dewatering																					■			■	■	■	■							
Descaling units																																		
District heating		■		■					■	■		■	■	■	■																		
Solids transport																																		
Fire-fighting systems										■																								
Geothermal energy applications		■		■					■			■																						
Drawdown of groundwater levels																																		
Maintaining groundwater levels																								■	■	■	■							
Domestic water supply																													■	■				
Flood control / coast protection (stormwater)																																		
Homogenisation																																		
Industrial recirculation systems		■	■	■	■				■	■		■	■	■	■		■	■						■	■	■	■							
Nuclear power stations			■	■		■	■					■	■				■	■				■												
Boiler feed applications		■	■	■																		■	■											
Boiler recirculation		■	■	■																														
Waste water treatment plants																								■			■							
Air-conditioning systems														■	■																			
Condensate transport		■	■	■										■	■		■	■		■				■	■	■	■	■						
Cooling circuits		■	■	■					■	■		■	■	■	■										■	■								
Paint shops														■	■									■	■	■	■							
Food and beverage industry					■				■	■		■	■								■			■	■	■	■							
Seawater desalination / reverse osmosis						■	■		■	■		■	■									■	■											
Mixing																																		
Offshore platforms																	■	■	■	■		■	■											
Paper and pulp industry									■	■														■	■	■	■							
Petrochemical industry									■	■		■	■				■	■	■	■	■	■	■	■	■	■	■	■						
Pharmaceutical industry									■	■		■	■									■												
Pipelines and tank farms									■	■		■	■				■	■	■	■	■	■	■	■	■	■	■							
Refineries									■	■		■	■				■	■	■	■		■	■		■	■		■						
Flue gas desulphurisation																						■	■											
Rainwater harvesting																						■		■	■	■	■			■	■			
Cleaning of stormwater tanks / storage sewers																																		
Recirculation																					■													
Dredging																																		
Shipbuilding																									■	■	■							
Sludge disposal																											■							
Sludge processing																											■							
Snow-making systems																																		
Heavy oil and coal upgrading									■	■		■	■				■	■	■	■		■	■											
Swimming pools																																		
Solar thermal energy systems																																		
Fountains																																		
Keeping in suspension																																		
Thermal oil circulation		■		■													■	■		■														
Draining of pits, shafts, etc.						■	■																											
Process engineering		■	■	■					■	■		■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■						
Heat recovery systems																																		
Hot-water heating systems		■		■					■	■		■	■	■	■																		
Washing plants																								■	■	■	■							
Water treatment									■	■		■	■											■	■	■	■							
Water extraction																								■	■	■	■							
Water supply														■	■									■	■	■	■							
Sugar industry									■	■		■	■	■	■									■	■	■	■							

Applications

	Domestic water supply systems with automatic control unit / Swimming pool pumps	Emporia CP	Emporia MB	Emporia PD	Multi Eco	Multi Eco-Pro	Multi Eco-Top	Ixo N	Ixo-Pro	Filtra N	Pressure booster systems	KSB Delta Compact	KSB Delta Solo EV	Hya-Solo D	Hya-Solo DSV	Hya-Solo D FL	Hya-Duo D FL	Hya-Solo D FL Compact	Hya-Duo D FL Compact	Surpress Eco SE.2.B	Hya-Eco VP	Hyamat K	Hyamat V	Hyamat SVP	Hyamat SVP ECO	Surpress Eco SE.2.B VP	Surpresschrom SIC.2	Surpresschrom SIC.2 V	Surpresschrom SIC.2 SVP	Surpressbloc SB	Surpress Feu SFE	Surpress SP	Surpress SP VP			
Aquaculture																																				
Spray irrigation					■	■	■	■	■			■	■	■	■					■	■	■	■	■	■	■	■	■	■			■	■			
Mining																																				
Irrigation					■	■	■	■	■			■	■	■	■					■	■	■	■	■	■	■	■	■	■	■		■	■			
Chemical industry																																				
Dock facilities																																				
Drainage																																				
Pressure boosting							■					■	■	■	■					■	■	■	■	■	■	■	■	■	■	■		■	■			
Sludge thickening																																				
Disposal																																				
Dewatering																																				
Descaling units																																				
District heating																																				
Solids transport																																				
Fire-fighting systems																■	■	■	■												■					
Geothermal energy applications																																				
Drawdown of groundwater levels																																				
Maintaining groundwater levels																																				
Domestic water supply					■	■	■					■	■	■	■					■	■	■	■	■	■	■	■	■	■			■	■			
Flood control / coast protection (stormwater)																																				
Homogenisation																																				
Industrial recirculation systems																																				
Nuclear power stations																																				
Boiler feed applications																																				
Boiler recirculation																																				
Waste water treatment plants																																				
Air-conditioning systems																																				
Condensate transport																																				
Cooling circuits																																				
Paint shops																																				
Food and beverage industry																																				
Seawater desalination / reverse osmosis																																				
Mixing																																				
Offshore platforms																																				
Paper and pulp industry																																				
Petrochemical industry																																				
Pharmaceutical industry																																				
Pipelines and tank farms																																				
Refineries																																				
Flue gas desulphurisation																																				
Rainwater harvesting					■	■	■	■	■			■	■	■	■					■	■	■	■	■	■	■	■	■	■			■	■			
Cleaning of stormwater tanks / storage sewers																																				
Recirculation																																				
Dredging																																				
Shipbuilding																																				
Sludge disposal																																				
Sludge processing																																				
Snow-making systems																																				
Heavy oil and coal upgrading																																				
Swimming pools										■																										
Solar thermal energy systems																																				
Fountains																																				
Keeping in suspension																																				
Thermal oil circulation																																				
Draining of pits, shafts, etc.																																				
Process engineering																																				
Heat recovery systems																																				
Hot-water heating systems																																				
Washing plants					■	■	■	■	■			■	■	■	■					■	■	■	■	■	■	■	■	■	■	■		■	■			
Water treatment					■	■	■	■																													
Water extraction																																				
Water supply		■	■	■	■	■	■	■	■			■	■	■	■					■	■	■	■	■	■	■	■	■	■			■	■			
Sugar industry																																				

Applications

	Drainage pumps / waste water pumps							Lifting units / pump stations														Submersible motor pumps				
		Ama-Drainer N	Ama-Drainer 4.. / 5..	Ama-Drainer 80, 100	Ama-Porter F / S	Rotex	MK / MKY	Amaclean	AmaDS³	Ama-Drainer-Box Mini	Ama-Drainer-Box	Evamatic-Box N	mini-Compacta	Compacta	CK 800 Pump Station	CK 1000 Pump Station	Ama-Porter CK Pump Station	SRP	SRL	SRS		Amarex N	Amarex KRT	Amarex KRT (jacket cooling)	Amarex KRT (convection cooling)
Aquaculture																										
Spray irrigation																										
Mining																						■				
Irrigation																						■	■	■	■	
Chemical industry																						■	■	■	■	
Dock facilities																										
Drainage		■	■	■	■	■	■															■	■	■	■	
Pressure boosting																										
Sludge thickening																										
Disposal		■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Dewatering		■	■	■	■	■	■		■		■	■		■	■	■	■	■	■	■	■	■	■	■	■	
Descaling units																							■	■	■	
District heating																										
Solids transport																										
Fire-fighting systems																										
Geothermal energy applications																										
Drawdown of groundwater levels																						■	■	■	■	
Maintaining groundwater levels																						■	■	■	■	
Domestic water supply																										
Flood control / coast protection (stormwater)																							■	■	■	
Homogenisation																										
Industrial recirculation systems																										
Nuclear power stations																										
Boiler feed applications																										
Boiler recirculation																										
Waste water treatment plants								■	■													■	■	■	■	
Air-conditioning systems																										
Condensate transport						■	■																			
Cooling circuits																										
Paint shops																										
Food and beverage industry						■																■	■		■	
Seawater desalination / reverse osmosis																							■		■	
Mixing																										
Offshore platforms																										
Paper and pulp industry					■																	■	■	■	■	
Petrochemical industry																										
Pharmaceutical industry																										
Pipelines and tank farms																										
Refineries																										
Flue gas desulphurisation																							■		■	
Rainwater harvesting																										
Cleaning of stormwater tanks / storage sewers								■	■									■				■	■	■	■	
Recirculation																										
Dredging																										
Shipbuilding																										
Sludge disposal																										
Sludge processing																						■	■	■	■	
Snow-making systems																							■		■	
Heavy oil and coal upgrading																										
Swimming pools																										
Solar thermal energy systems																										
Fountains			■																							
Keeping in suspension																										
Thermal oil circulation																										
Draining of pits, shafts, etc.		■	■	■	■	■																■	■	■	■	
Process engineering																										
Heat recovery systems																										
Hot-water heating systems																										
Washing plants																						■	■	■	■	
Water treatment		■	■	■		■	■															■	■	■	■	
Water extraction		■	■	■	■																	■	■	■	■	
Water supply																						■	■	■	■	
Sugar industry																										

Applications

	Submersible pumps in discharge tubes	Amacan K	Amacan P	Amacan S	Mixers / agitators / tank cleaning units	Amamix	Amaprop	Amajet	Amaline	Pumps for solids-laden fluids	Sewatec	Sewatec R	Sewabloc	KWP / KWP-Bloc	Slurry pumps	WBC	LSA-S	LCC-M	LCC-R	TBC	LCV	FGD	MHD	LHD	MDX	ZW	HVF	Self-priming pumps	Etaprime L	Etaprime B	EZ B/L	AU	AU Monobloc
Aquaculture		■	■																														
Spray irrigation																													■	■			
Mining														■		■	■	■	■	■	■	■	■	■	■	■	■						
Irrigation		■	■	■										■																	■		
Chemical industry														■																	■		
Dock facilities																																	
Drainage														■															■	■		■	■
Pressure boosting																															■		
Sludge thickening						■																											
Disposal														■																			
Dewatering		■	■	■										■															■	■		■	■
Descaling units														■		■	■	■	■	■	■		■	■		■							
District heating																																	
Solids transport														■		■	■	■	■	■	■	■	■	■	■	■							
Geothermal energy applications																																	
Fire-fighting systems																													■	■		■	■
Drawdown of groundwater levels																													■	■		■	■
Maintaining groundwater levels																																	
Domestic water supply																													■	■		■	■
Flood control / coast protection (stormwater)																																	
Homogenisation						■																											
Industrial recirculation systems							■							■																			
Nuclear power stations																																	
Boiler feed applications																															■		
Boiler recirculation																															■		
Waste water treatment plants		■	■			■	■		■		■	■	■	■															■	■		■	■
Air-conditioning systems																													■	■			
Condensate transport																																	
Cooling circuits			■																										■	■	■		
Paint shops														■																	■		
Food and beverage industry														■															■	■		■	■
Seawater desalination / reverse osmosis			■	■										■																			
Mixing						■																											
Offshore platforms																																	
Paper and pulp industry														■																			
Petrochemical industry																																	
Pharmaceutical industry																													■				
Pipelines and tank farms																																	
Refineries																																	
Flue gas desulphurisation														■								■											
Rainwater harvesting			■																														
Cleaning of stormwater tanks / storage sewers						■		■																									
Recirculation									■																								
Dredging																■	■	■	■	■			■	■									
Shipbuilding																															■	■	■
Sludge disposal											■		■	■		■	■	■	■	■	■	■	■	■		■							
Sludge processing											■		■	■		■	■	■	■	■	■	■	■	■		■							
Snow-making systems									■																								
Heavy oil and coal upgrading														■																			
Swimming pools																													■	■		■	■
Solar thermal energy systems																																	
Fountains																																	
Keeping in suspension							■																										
Thermal oil circulation																																	
Draining of pits, shafts, etc.																																	
Process engineering														■																			
Heat recovery systems																																	
Hot-water heating systems																																	
Washing plants																															■		
Water treatment		■	■	■										■																	■		
Water extraction			■	■																												■	■
Water supply		■	■	■																									■	■		■	■
Sugar industry											■		■	■			■	■	■		■			■		■							

Applications

	Submersible borehole pumps	UPAchrom 100 CC	UPAchrom 100 CN	UPA 150 C	UPA 200, 200B, 250C	UPA 300, 350	UPA-Z / UPA-R	Deep-well turbine pumps	B-Pump	High-pressure pumps	Comeo	Movitec H(S)I	Movitec	Movitec VCI	Multitec	Axially split pumps	Omega	RDLO	RDLP	Hygienic pumps for the food, beverage and pharmaceutical industries	Vitachrom	Vitacast/Vitacast Bloc	Vitaprime	Vitastage	Vitalobe	Pumps for power station conventional islands	CHTA / CHTC / CHTD	HGB / HGC / HGD	HGM	YNK	LUV / LUVA	WKTB	SEZ / SEZT / PHZ / PNZ	SNW / PNW	Beveron	SPY
Aquaculture																																				
Spray irrigation		■	■	■	■	■	■		■		■	■	■		■																					
Mining		■	■	■	■	■	■								■																					
Irrigation		■	■	■	■	■	■		■		■	■	■		■		■	■	■														■	■	■	■
Chemical industry															■		■	■			■	■	■	■	■											■
Dock facilities									■								■	■															■	■	■	
Drainage																																	■	■	■	
Pressure boosting		■	■	■	■	■	■				■	■	■		■		■	■	■																	
Sludge thickening																																				
Disposal									■																											
Dewatering									■								■	■															■	■	■	■
Descaling units																											■	■								
District heating															■		■	■																		
Solids transport																																				
Fire-fighting systems		■	■		■	■			■			■	■		■		■	■																		
Geothermal energy applications															■																					
Drawdown of groundwater levels		■	■	■	■	■	■		■																											
Maintaining groundwater levels				■	■	■	■		■																											
Domestic water supply		■	■	■																																
Flood control / coast protection (stormwater)																																	■	■	■	
Homogenisation																																				
Industrial recirculation systems											■	■	■	■	■																					
Nuclear power stations																											■	■		■		■	■	■	■	■
Boiler feed applications												■	■		■												■	■	■	■		■				
Boiler recirculation															■																■					
Waste water treatment plants																																				
Air-conditioning systems											■	■	■	■	■		■	■																		
Condensate transport															■		■	■									■	■	■	■		■				■
Cooling circuits											■	■	■	■	■		■	■																		■
Paint shops				■								■	■	■																						
Food and beverage industry				■								■	■								■	■	■	■	■											
Seawater desalination / reverse osmosis					■	■	■					■	■		■		■	■															■	■	■	
Mixing																																				
Offshore platforms												■	■																							
Paper and pulp industry												■	■																							
Petrochemical industry															■		■	■															■	■	■	
Pharmaceutical industry																					■	■	■	■	■											
Pipelines and tank farms																																				
Refineries																																				
Flue gas desulphurisation																																				
Rainwater harvesting																																				
Cleaning of stormwater tanks / storage sewers																																				
Recirculation																																				
Dredging																																				
Shipbuilding									■						■		■	■																		
Sludge disposal																																				
Sludge processing																																				
Snow-making systems					■	■	■								■													■	■							
Heavy oil and coal upgrading																																				
Swimming pools																																				
Solar thermal energy systems																																■				
Fountains		■	■	■	■	■																														
Keeping in suspension																																				
Thermal oil circulation																																				
Draining of pits, shafts, etc.																																				
Process engineering														■	■																					
Heat recovery systems															■																					
Hot-water heating systems															■																					
Washing plants											■	■	■	■	■																					
Water treatment		■	■	■	■	■			■		■	■	■		■		■	■	■		■	■		■											
Water extraction		■	■	■	■	■	■		■						■		■	■	■														■	■	■	■
Water supply		■	■	■	■	■	■		■		■	■	■		■		■	■	■														■	■	■	■
Sugar industry				■	■																■	■	■	■	■											

Applications

	Pumps for nuclear power stations	RER	RSR	RUV	PSR	RHD	LUV Nuclear	RHM	RVM	RHR	RVR	Pumps for desalination by reverse osmosis	HGM-RO	Multitec-RO	Positive displacement pumps	RC / RCV	Fire-fighting systems	EDS	DU / EU	Drives	KSB SuPremE	KSB UMA-S	Variable speed system	PumpDrive 2/PumpDrive 2 Eco	PumpDrive R	Monitoring and diagnosis	PumpMeter
Aquaculture																					■			■	■		
Spray irrigation																					■	■		■	■		■
Mining																						■					
Irrigation																					■	■		■	■		■
Chemical industry																■					■			■	■		
Dock facilities																											
Drainage																					■			■	■		
Pressure boosting																					■	■		■	■		■
Sludge thickening																					■			■	■		
Disposal																					■			■	■		
Dewatering																					■			■	■		
Descaling units																					■			■	■		■
District heating																					■			■	■		■
Solids transport																											
Fire-fighting systems																		■	■			■					
Geothermal energy applications														■													
Drawdown of groundwater levels																					■	■		■	■		■
Maintaining groundwater levels																					■	■		■	■		■
Domestic water supply																					■	■		■	■		■
Flood control / coast protection (stormwater)																					■			■	■		
Homogenisation																					■			■	■		
Industrial recirculation systems																					■			■	■		■
Nuclear power stations		■	■	■	■	■	■	■	■	■	■																
Boiler feed applications																											
Boiler recirculation																											
Waste water treatment plants																					■			■	■		
Air-conditioning systems																					■			■	■		■
Condensate transport																					■			■	■		
Cooling circuits																					■			■	■		■
Paint shops																					■	■		■	■		
Food and beverage industry																					■	■		■	■		
Seawater desalination / reverse osmosis													■	■								■					
Mixing																					■			■	■		
Offshore platforms																■											
Paper and pulp industry																					■			■	■		
Petrochemical industry																											
Pharmaceutical industry																					■			■	■		
Pipelines and tank farms																■											
Refineries																											
Flue gas desulphurisation																					■			■	■		
Rainwater harvesting																					■			■	■		
Cleaning of stormwater tanks / storage sewers																					■			■	■		
Recirculation																					■			■	■		
Dredging																											
Shipbuilding														■		■											
Sludge disposal																											
Sludge processing																											
Snow-making systems																					■	■		■	■		■
Heavy oil and coal upgrading																■											
Swimming pools																					■			■	■		■
Solar thermal energy systems																■											
Fountains																					■	■		■	■		■
Keeping in suspension																					■			■	■		
Thermal oil circulation																					■			■	■		
Draining of pits, shafts, etc.																					■			■	■		
Process engineering																					■			■	■		
Heat recovery systems																					■			■	■		■
Hot-water heating systems																					■			■	■		■
Washing plants																					■			■	■		■
Water treatment																					■	■		■	■		■
Water extraction																					■	■		■	■		■
Water supply																					■	■		■	■		■
Sugar industry																					■	■		■	■		

Drive, variable speed system and monitoring

KSB SuPremE

No. of pumps	≤ 1
U [V]	Power supply via PumpDrive / PumpDrive R only

Description:
IEC-compatible, sensorless, magnetless synchronous reluctance motor of efficiency class IE4/IE5 (super/ultra premium efficiency) to IEC TS 60034-30-2:2016 for operation on a KSB PumpDrive 2, PumpDrive 2 Eco or PumpDrive R variable speed system. Suitable for connection to three-phase 380-480 V mains (via PumpDrive). The motor mounting points comply with EN 50347 specifications to ensure compatibility with standardised IEC frame motor applications and full interchangeability with IE2 or IE3 standardised asynchronous motors. Envelope dimensions lie within the limits for IE2 / IE3 motors as recommended in DIN V 42673 (07-2011). The motor is controlled without rotor position sensors. The efficiency of the motor also exceeds 95 percent of nominal efficiency when the motor runs at 25 percent of its nominal power on a quadratic torque-speed curve. The motor is magnetless which means that, in particular, so-called rare earths are not used in production. Drive production is thus sustainable and environmentally friendly.

Applications:
For use with dry-installed variable speed pumps which can be driven by standardised foot-mounted and/or flange-mounted motors.

http://shop.ksb.com/catalog/k0/en/product/ES000866

KSB UMA-S

No. of pumps	≤ 1
U [V]	Power supply via PumpDrive R

Description:
Permanent-magnet submersible synchronous motor, for operation on a KSB PumpDrive R variable speed system. Suitable for a three-phase 380 - 400 V mains. NEMA connections and identical outside diameters ensure full interchangeability with comparable 6" or 8" asynchronous motors. The motor is controlled without rotor position sensors. The motor efficiency is 5 - 12 % above that of asynchronous motors. Given the design and functionality the use of permanent magnets is essential.

Applications:
Exclusively for submersible borehole pumps in the range of 4 - 150 kW.

http://shop.ksb.com/catalog/k0/en/product/ES000003

PumpDrive 2 / PumpDrive 2 Eco

No. of pumps	≤ 6
P [kW]	55
U [V]	3~380 - 480
Frequency inverter	1 per motor

Description:
Self-cooling variable speed system which allows the motor speed to be varied continuously by means of standard signals and a field bus. As PumpDrive is self-cooling, it can be mounted on the motor, on the wall or in a control cabinet. From two to six pumps can be controlled without needing an additional controller.

Applications:
Air-conditioning systems, heat generation, heat distribution, water supply systems, water extraction, water treatment, water distribution, water transport, refrigeration, cooling distribution, heat generation, heat distribution, fluid transport, cooling lubricant distribution, industrial water supply, tank drainage, waste water transport

http://shop.ksb.com/catalog/k0/en/product/ES000911

PumpDrive R

No. of pumps	≤ 6
P [kW]	55
U [V]	3~380 - 480
Frequency inverter	1 per motor

Description:
PumpDrive R is a frequency inverter for wall or cabinet mounting designed for variable speed control and other control functions for asynchronous motors, synchronous reluctance motors like KSB SuPremE, or permanent magnet synchronous motors. PumpDrive R extends the power range of KSB PumpDrive up to a rated power of 110 kW as standard or up to 1.4 MW (on request).

Applications:
Air-conditioning systems, heat generation, heat distribution, water supply systems, water extraction, water treatment, water distribution, water transport, refrigeration, cooling distribution, heat generation, heat distribution, fluid transport, cooling lubricant distribution, industrial water supply, tank drainage, waste water transport

http://shop.ksb.com/catalog/k0/en/product/ES000898

Not available for worldwide sale

PumpMeter

No. of pumps	≤ 1
U [V DC]	24

Description:
The PumpMeter device is designed for monitoring pump operation. It is an intelligent pressure transmitter for pumps, with on-site display of measured values and operating data. It records the load profile of the pump in order to indicate any potential for optimising energy efficiency and availability. The device comprises two pressure sensors and a display unit. PumpMeter is supplied completely assembled and parameterised for the pump it is used with. It is ready for operation as soon as the M12 plug connector is plugged in.

Applications:
Air-conditioning systems, cooling circuits, cooling lubricant distribution, heating systems, water treatment plants, water supply systems, water distribution systems, water transport systems, water extraction systems

http://shop.ksb.com/catalog/k0/en/product/ES000807

Drinking water circulators, fixed speed

Calio-Therm S NC/NCV

Rp	1/2 - 3/4
Q [m³/h]	≤ 0,7
H [m]	≤ 1
p [bar]	≤ 10
T [°C]	≥ +5 - ≤ +65

Data for 50 Hz operation
Also available for 60 Hz

Description:
Maintenance-free, high-efficiency glandless drinking water circulator pump, screw-ended, electric motor with multiple fixed speed levels, for use in drinking water supply systems.
Applications:
Drinking water circulation systems

http://shop.ksb.com/catalog/k0/en/product/ES000918

Calio-Therm NC

Rp	3/4 - 1
Q [m³/h]	≤ 9
H [m]	≤ 7
p [bar]	≤ 10
T [°C]	≥ +2 - ≤ +65
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Maintenance-free, fixed speed glandless drinking water circulator pump, screw-ended, electric motor with multiple fixed speed levels, for use in drinking water supply systems and hot water supply systems.
Applications:
Drinking water supply systems, hot water supply systems and similar systems in industry and building services (e.g. cooling water recirculation)

http://shop.ksb.com/catalog/k0/en/product/ES000928

Drinking water circulators, variable speed

Calio-Therm S

Rp	1
Q [m³/h]	≤ 3,5
H [m]	≤ 6
p [bar]	≤ 10
T [°C]	≥ +2 - ≤ +65
n [rpm]	≤ 3000

Data for 50 Hz operation
Also available for 60 Hz

Description:
Maintenance-free, high-efficiency variable speed glandless drinking water circulator pump, screw-ended, electric motor and continuously variable differential pressure control for use in drinking water supply systems and hot water supply systems.
Applications:
Hot water supply, drinking water circulation systems and similar systems in industry and building services (e.g. cooling water recirculation).

http://shop.ksb.com/catalog/k0/en/product/ES000882

Circulators, variable speed

Calio S

Rp	1/2 - 1 1/4
Q [m³/h]	≤ 3,5
H [m]	≤ 6
p [bar]	≤ 10
T [°C]	≥ +2 - ≤ +95
n [rpm]	≤ 3000

Data for 50 Hz operation
Also available for 60 Hz

Description:
Maintenance-free high-efficiency screw-ended glandless pump with high-efficiency electric motor and continuously variable differential pressure control.
Applications:
Heating, ventilation, air-conditioning and heat recovery systems, cooling systems, industrial recirculation systems.

http://shop.ksb.com/catalog/k0/en/product/ES000881

Not available for worldwide sale · Factory-automated · Automation available

Calio

Rp	1 1/2 - 2
DN	32 - 100
Q [m³/h]	≤ 51
H [m]	≤ 18
p [bar]	≤ 16
T [°C]	≥ -10 - ≤ +110
n [rpm]	≤ 4500
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Maintenance-free high-efficiency flanged or screw-ended glandless pump with high-efficiency electric motor and continuously variable differential pressure control.
Applications:
Heating, ventilation, air-conditioning and heat recovery systems, cooling systems, industrial recirculation systems.

http://shop.ksb.com/catalog/k0/en/product/ES000881

Calio Z

Rp	1 1/4
DN	32 - 65
Q [m³/h]	≤ 70
H [m]	≤ 18
p [bar]	≤ 16
T [°C]	≥ -10 - ≤ +110
n [rpm]	≤ 4500
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Maintenance-free high-efficiency flanged or screw-ended glandless pump in twin pump design with high-efficiency electric motor and continuously variable differential pressure control.
Applications:
Heating, ventilation, air-conditioning and heat recovery systems, cooling systems, industrial recirculation systems.

http://shop.ksb.com/catalog/k0/en/product/ES000913

In-line pumps

Etaline L

Rp	1 - 1 1/4
DN	32 - 80
Q [m³/h]	≤ 95
H [m]	≤ 21
p [bar]	≤ 10
T [°C]	≥ -15 - ≤ +120
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Single-stage close-coupled in-line volute casing pump with common motor/pump shaft and uncooled mechanical seal.
Applications:
Heating systems, air-conditioning systems, cooling circuits, water supply systems (not approved for drinking water according to the German Environment Agency), service water supply systems, industrial recirculation systems, swimming pools

http://shop.ksb.com/catalog/k0/en/product/ES000925

Etaline DL

Rp	1 1/4
DN	32 - 80
Q [m³/h]	≤ 150
H [m]	≤ 21
p [bar]	≤ 10
T [°C]	≥ -15 - ≤ +120
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Single-stage close-coupled in-line volute casing pump as twin pump, with common motor/pump shaft and uncooled mechanical seal
Applications:
Heating systems, air-conditioning systems, cooling circuits, water supply systems (not approved for drinking water according to the German Environment Agency), service water supply systems, industrial recirculation systems

http://shop.ksb.com/catalog/k0/en/product/ES000926

Etaline

DN	32 - 200
Q [m³/h]	≤ 700
H [m]	≤ 96
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-stage volute casing pump in in-line design with standardised motor; pump shaft and motor shaft are rigidly connected.
Applications:
Hot water heating, cooling circuits, air-conditioning, water supply systems, service water supply systems, industrial recirculation systems

http://shop.ksb.com/catalog/k0/en/product/ES000113

Etaline Z

DN	32 - 200
Q [m³/h]	≤ 1095
H [m]	≤ 38,5
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-stage volute casing pump in in-line design as twin pump, with standardised motor; pump shaft and motor shaft are rigidly connected.
Applications:
Hot water heating, cooling circuits, air-conditioning, water supply systems, service water supply systems, industrial recirculation systems

http://shop.ksb.com/catalog/k0/en/product/ES000114

Etaline-R

DN	150 - 350
Q [m³/h]	≤ 1900
H [m]	≤ 93
p [bar]	≤ 25
T [°C]	≥ -30 - ≤ +140
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Vertical close-coupled pump with volute casing in in-line design and standardised motor
Applications:
Hot water heating, cooling circuits, air-conditioning, water supply systems, service water supply systems, industrial recirculation systems

http://shop.ksb.com/catalog/k0/en/product/ES000812

ILN

DN	65 - 400
Q [m³/h]	≤ 3100
H [m]	≤ 112
p [bar]	≤ 16
T [°C]	≥ -20 - ≤ +70
n [rpm]	≤ 3000
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Vertical in-line centrifugal pump with closed impeller and mechanical seal. ILNS fitted with an auxiliary vacuum pump, ILNE with ejector. The back pull-out design allows the impeller to be dismantled without removing the pipes and the motor. ATEX-compliant version available.
Applications:
Hot-water heating systems, cooling circuits, air-conditioning systems, marine applications, water and service water supply systems, cleaning systems and industrial recirculation systems.

Control unit

http://shop.ksb.com/catalog/k0/en/product/ES000730

ILNC

DN	32 - 125
Q [m³/h]	≤ 370
H [m]	≤ 112
p [bar]	≤ 16
T [°C]	≥ -20 - ≤ +70
n [rpm]	≤ 3000
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Vertical close-coupled centrifugal pump in in-line design, with electric motor, closed impeller and mechanical seal. ILNCS fitted with an auxiliary vacuum pump, ILNCE with ejector. Standardised IEC frame motor. ATEX-compliant version available.
Applications:
Hot-water heating systems, cooling circuits, air-conditioning systems, marine applications, water and service water supply systems, cleaning systems and industrial recirculation systems.

Control unit

http://shop.ksb.com/catalog/k0/en/product/ES000732

Not available for worldwide sale Factory-automated Automation available

Megaline

DN	32 - 200
Q [m³/h]	≤ 600
H [m]	≤ 135
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +90

Description:
Volute casing pump for horizontal or vertical installation, in back pull-out design, single-stage, radially split volute casing, replaceable casing wear rings. Volute casing in in-line design with closed radial impeller, with multiply curved vanes, single mechanical seal to EN 12756.

Applications:
Heating circuits, water supply systems, air-conditioning systems, waste water, industrial recirculation systems

http://www.ksb.com.br/ksb-br-pt/pesquisa.php?_q=megaline

Standardised / close-coupled pumps

Etanorm

DN	25 - 150
Q [m³/h]	≤ 640
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Volute casing pump, single-stage, ratings to EN 733, meets the requirements of the 2009/125/EC directive, radially split volute casing, volute casing with integrally cast pump feet, replaceable casing wear rings (optionally available for casings in material variant C), closed radial impeller with multiply curved vanes, single mechanical seals to EN 12756, double mechanical seals to EN 12756, shaft fitted with a replaceable shaft protecting sleeve in the shaft seal area.

Applications:
Pumping clean or aggressive liquids not chemically or mechanically aggressive to the pump materials in water supply systems, cooling water circuits, swimming pools, fire-fighting systems, irrigation systems, drainage systems, heating systems, air-conditioning systems, spray irrigation systems

http://shop.ksb.com/catalog/k0/en/product/ES000062

Etanorm-R

DN	125 - 300
Q [m³/h]	≤ 1900
H [m]	≤ 101
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Horizontal volute casing pump, single-stage (size 125-500 with two stages), long-coupled, in back pull-out design, with replaceable shaft sleeves / shaft protecting sleeves and casing wear rings. ATEX-compliant version available.

Applications:
Water supply systems, spray irrigation systems, drainage systems, air-conditioning systems, fire-fighting systems, irrigation systems, heating systems

http://shop.ksb.com/catalog/k0/en/product/ES000058

Etabloc

DN	25 - 150
Q [m³/h]	≤ 660
H [m]	≤ 140
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Volute casing pump, single-stage, ratings to EN 733, meets the requirements of the 2009/125/EC directive, radially split volute casing (some volute casings with integrally cast pump feet), replaceable casing wear rings (optionally available for casings in material variant C), closed radial impeller with multiply curved vanes, single mechanical seals to EN 12756, double mechanical seals to EN 12756, shaft fitted with a replaceable shaft protecting sleeve in the shaft seal area.

Applications:
Pumping clean or aggressive liquids not chemically or mechanically aggressive to the pump materials in water supply systems, cooling water circuits, swimming pools, fire-fighting systems, irrigation systems, drainage systems, heating systems, air-conditioning systems, spray irrigation systems

http://shop.ksb.com/catalog/k0/en/product/ES000107

Etachrom B

DN	25 - 80
Q [m³/h]	≤ 260
H [m]	≤ 105
p [bar]	≤ 12
T [°C]	≥ -30 - ≤ +110
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal single-stage close-coupled annular casing pump, with ratings and main dimensions to EN 733, with replaceable casing wear rings. ATEX-compliant version available.

Applications:
Cleaning systems (bottle rinsing, crate washing, etc.), water treatment plants, water supply systems, fire-fighting systems, spray irrigation systems, irrigation systems, drainage systems, hot-water heating systems, air-conditioning systems, industrial washing plants, general industry, disposal of paint sludge, surface treatment

http://shop.ksb.com/catalog/k0/en/product/ES000066

Etachrom L

DN	25 - 80
Q [m³/h]	≤ 260
H [m]	≤ 105
p [bar]	≤ 12
T [°C]	≥ -30 - ≤ +110
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal single-stage annular casing pump with ratings and main dimensions to EN 733, with replaceable casing wear rings. ATEX-compliant version available.

Applications:
Cleaning systems (bottle rinsing, crate washing, etc.), water treatment plants, water supply systems, fire-fighting systems, spray irrigation systems, irrigation systems, drainage systems, hot-water heating systems, air-conditioning systems, industrial washing plants, general industry, disposal of paint sludge, surface treatment

http://shop.ksb.com/catalog/k0/en/product/ES000065

Etanorm V

DN	32 - 150
Q [m³/h]	≤ 625
H [m]	≤ 100
p [bar]	≤ 16
T [°C]	≥ -15 - ≤ +95
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-stage volute casing pump for vertical installation in closed tanks under atmospheric pressure, with ratings to EN 733. Suitable for immersion depths of up to 2000 mm.

Applications:
Phosphating solutions, lubricating oil supply and sealing oil supply for turbines, generators, large compressors, large gear units

http://shop.ksb.com/catalog/k0/en/product/ES000015

Meganorm

DN	25 - 200
Q [m³/h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal, radially split volute casing pump in back pull-out design, with radial impeller, single-entry, single-stage, to DIN EN ISO 2858/ISO 5199. Available with cylindrical or conical shaft seal chamber.

Applications:
Water supply systems, dewatering systems, irrigation systems, sugar industry, alcohol industry, air-conditioning systems, building services systems, fire-fighting systems

http://www.ksb.com.br/ksb-br-pt/pesquisa.php?_q=Meganorm

Megabloc

DN	25 - 150
Q [m³/h]	≤ 550
H [m]	≤ 140
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +90

Description:
Volute casing pump for horizontal or vertical installation, back pull-out design, single-stage, radially split volute casing, flanged or screw-ended (optional), replaceable casing wear rings. Volute casing with closed radial impeller with multiply curved vanes, single mechanical seal to EN 12756.

Applications:
Water supply systems, irrigation systems, air-conditioning system, building services systems, hotels, shopping centres, etc., fire-fighting systems, cooling circuits, general industry

http://www.ksb.com.br/ksb-br-pt/pesquisa.php?_q=Megabloc

Not available for worldwide sale · Factory-automated · Automation available

Hot water pumps

HPK-L

DN	25 - 250
Q [m³/h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 40
T [°C]	≥ -40 - ≤ +400
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design to ISO 2858 / ISO 5199, single-stage, single-entry, with radial impeller. Equipped with heat barrier, seal chamber air-cooled by integrated fan impeller, no external cooling. ATEX-compliant version available.
Applications:
Pumping hot water and thermal oil in piping systems or tank systems, particularly in medium-sized and large hot-water heating systems, forced circulation boilers, district heating systems

http://shop.ksb.com/catalog/k0/en/product/ES000036

HPK

DN	150 - 400
Q [m³/h]	≤ 4150
H [m]	≤ 185
p [bar]	≤ 40
T [°C]	≥ 0 - ≤ +400
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design, with radial impeller, single-entry, single-stage, to ISO 2858 / ISO 5199. Optional TRD type testing by TÜV. ATEX-compliant version available.
Applications:
Pumping hot water and thermal oil in piping systems or tank systems, particularly in medium-sized and large hot-water heating systems, forced circulation boilers, district heating systems

http://shop.ksb.com/catalog/k0/en/product/ES000034

HPH

DN	40 - 350
Q [m³/h]	≤ 2350
H [m]	≤ 225
p [bar]	≤ 110
T [°C]	≥ 0 - ≤ +320
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design, with centreline pump feet, with radial impeller, single-entry, single-stage. Optional TRD type testing by TÜV. ATEX-compliant version available.
Applications:
Pumping hot water in high-pressure hot water generation plants, as boiler feed or recirculation pump.

http://shop.ksb.com/catalog/k0/en/product/ES000037

Hot water / thermal oil pumps

Etanorm SYT / RSY

DN	25 - 300
Q [m³/h]	≤ 1900
H [m]	≤ 102
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +350
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Volute casing pump for horizontal installation, back pull-out design, single-stage, ratings and dimensions to EN 733, radially split volute casing, volute casing with integrally cast pump feet, replaceable casing wear rings, closed radial impeller with multiply curved vanes, single mechanical seal to EN 12756, double mechanical seal to EN 12756, drive-end bearings: rolling element bearings, pump-end bearings: plain bearings.
Applications:
Heat transfer systems, hot water recirculation

http://shop.ksb.com/catalog/k0/en/product/ES000790

Etabloc SYT

DN	25 - 80
Q [m³/h]	≤ 280
H [m]	≤ 68
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +350
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Volute casing pump for horizontal and vertical installation, back pull-out design, single-stage, with ratings to EN 733, radially split volute casing, replaceable casing wear rings, volute casing with integrally cast pump feet, closed radial impeller with multiply curved vanes, single mechanical seal to EN 12756, product-lubricated carbon plain bearing and grease-lubricated radial ball bearing in the motor housing.
Applications:
Heat transfer systems, hot water recirculation

http://shop.ksb.com/catalog/k0/en/product/ES000791

Etaline SYT

DN	32 - 100
Q [m³/h]	≤ 316
H [m]	≤ 69
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +350
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-stage volute casing pump in in-line design with standardised motor; pump shaft and motor shaft are rigidly connected.
Applications:
Heat transfer systems, hot water recirculation

http://shop.ksb.com/catalog/k0/en/product/ES000789

Standardised chemical pumps

MegaCPK

DN	25 - 250
Q [m³/h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 25
T [°C]	≥ -40 - ≤ +400
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design, with radial impeller, single-entry, single-stage, to DIN EN ISO 2858 / ISO 5199; also available as a variant with "wet" shaft and conical seal chamber. ATEX-compliant version available.
Applications:
Pumping aggressive liquids in the chemical and petrochemical industries and in refinery systems.

http://shop.ksb.com/catalog/k0/en/product/ES000861

CPKN

DN	150 - 400
Q [m³/h]	1160 - 4150
H [m]	162 - 185
p [bar]	≤ 25
T [°C]	≥ -40 - ≤ +400
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design, with radial impeller, single-entry, single-stage, to ISO 2858 / ISO 5199. Also available as a variant with "wet" shaft, conical seal chamber and/or semi-open impeller (CPKNO). ATEX-compliant version available.
Applications:
Pumping aggressive liquids in the chemical and petrochemical industries, refinery systems, fire-fighting systems and for brine transport.

http://shop.ksb.com/catalog/k0/en/product/ES000027

Seal-less pumps

Magnochem

DN	25 - 250
Q [m³/h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 40
T [°C]	≥ -90 - ≤ +300
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal, seal-less volute casing pump in back pull-out design, with magnetic drive, to DIN EN ISO 2858 / ISO 5199, with radial impeller, single-entry, single-stage. ATEX-compliant version available.
Applications:
Pumping aggressive, toxic, explosive, valuable, flammable, malodorous or harmful liquids in the chemical, petrochemical and general industries.

http://shop.ksb.com/catalog/k0/en/product/ES000046

Magnochem-Bloc

DN	25 - 160
Q [m³/h]	≤ 754
H [m]	≤ 162
p [bar]	≤ 25
T [°C]	≥ -20 - ≤ +200
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal, seal-less volute casing pump in close-coupled design, with magnetic drive, to DIN EN ISO 2858 / ISO 5199, with radial impeller, single-entry, single-stage. ATEX-compliant version available.
Applications:
Pumping aggressive, toxic, explosive, valuable, flammable, malodorous or harmful liquids in the chemical, petrochemical and general industries.

http://shop.ksb.com/catalog/k0/en/product/ES000045

Etaseco / Etaseco-I

DN	32 - 100
Q [m³/h]	≤ 250
H [m]	≤ 100
p [bar]	≤ 16
T [°C]	≥ -40 - ≤ +140
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal or vertical seal-less volute casing pump in back pull-out design with fully enclosed canned motor, low noise emission, with radial impeller, single-stage, single-entry, casing connecting dimensions to EN 733.
Applications:
Pumping aggressive, flammable, toxic, volatile or valuable liquids in the chemical and petrochemical industries, in environmental engineering and industrial applications.

http://shop.ksb.com/catalog/k0/en/product/ES000122

Etaseco RVP

DN	32
Q [m³/h]	≤ 20
H [m]	≤ 25
p [bar]	≤ 10
T [°C]	≥ -40 - ≤ + 85
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal or vertical seal-less volute casing pump in back pull-out design with fully enclosed canned motor, low noise emission, with radial impeller, single-stage, single-entry.
Applications:
Pumping toxic, volatile or valuable liquids in environmental engineering and industrial applications and as coolant pump in cooling systems. Transport vehicles, environmental engineering and industry; applications where low noise emission, smooth running or long service intervals are required.

http://shop.ksb.com/catalog/k0/en/product/ES000122

Process pumps

RPH

DN	25 - 400
Q [m³/h]	≤ 4150
H [m]	≤ 270
p [bar]	≤ 110
T [°C]	≥ -70 - ≤ +450
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design, to API 610, ISO 13709 (heavy-duty), type OH2, with radial impeller, single-entry, single-stage, centreline pump feet; with inducer, if required. ATEX-compliant version available.
Applications:
Refineries, petrochemical and chemical industries, power stations, offshore and onshore processes.

http://shop.ksb.com/catalog/k0/en/product/ES000040

RPHb / RPHd

DN	80 - 250
Q [m³/h]	≤ 1500
H [m]	≤ 450
p [bar]	≤ 100
T [°C]	≥ -80 - ≤ +450
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Heavy-duty horizontal radially split between-bearings volute casing pump to API 610, ISO 13709 (heavy-duty), type BB2, with radial impellers, single- or double-entry, one- or two-stage design with centreline pump feet.
Applications:
Refineries, petrochemical and chemical industries, offshore and onshore processes.

http://shop.ksb.com/catalog/k0/en/product/ES000041

RPH-V

DN2 / DN3	25 - 80 / 40 - 150
Q [m³/h]	≤ 80
H [m]	≤ 160
p [bar]	≤ 35
T [°C]	≥ -30 - ≤ +230
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Vertical radially split volute casing pump to API 610 and ISO 13709 (heavy-duty), type VS4, with radial impeller, single-entry, single-stage.
Applications:
Refineries, petrochemical and chemical industries, offshore and onshore processes.

http://shop.ksb.com/catalog/k0/en/product/ES000880

RPHmdp

DN	25 - 100
Q [m³/h]	≤ 300
H [m]	≤ 270
p [bar]	≤ 51
T [°C]	≥ -40 - ≤ +300
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Horizontal radially split volute casing pump in back pull-out design to API 685 (heavy-duty), with magnetic drive, single-stage, single-entry, with radial impeller, centreline pump feet; with inducer, if required. ATEX-compliant version available.
Applications:
Refineries, petrochemical and chemical industries, power stations.

http://shop.ksb.com/catalog/k0/en/product/ES000884

CTN

DN	25 - 250 / 250 - 400
Q [m³/h]	≤ 950
H [m]	≤ 115
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +300
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Radially split vertical shaft submersible pump with double volute casing for wet and dry installation, with radial impeller, single-entry, single-stage or double-stage; heatable model available. ATEX-compliant version available.
Applications:
For pumping chemically aggressive liquids, also slightly contaminated or with a low solids content, in the chemical and petrochemical industries.

http://shop.ksb.com/catalog/k0/en/product/ES000014

CHTR

DN	50 - 300
Q [m³/h]	≤ 1450
H [m]	≤ 4000
p [bar]	≤ 400
T [°C]	≥ -60 - ≤ +450
n [rpm]	≤ 7000
Data for 50 Hz operation	
Also available for 60 Hz	
Higher ratings possible upon request	

Description:
Horizontal high-pressure barrel-type pumps with radial impellers, single-entry and double-entry, multistage, with flanges or weld end nozzles to DIN, API 610 and ANSI.
Applications:
Refineries, petrochemical industry, steam generation, seawater injection in crude oil production (onshore and offshore)

http://shop.ksb.com/catalog/k0/en/product/ES000241

Not available for worldwide sale Factory-automated Automation available

CHTRa

DN	80 - 300
Q [m³/h]	≤ 1200
H [m]	≤ 1550
p [bar]	≤ 155
T [°C]	≥ -40 - ≤ +205
n [rpm]	≤ 6000
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Horizontal, axially split multistage pump with double volute and impellers in back-to-back arrangement, in accordance with API 610, available in various sizes with different number of stages and material variants; a double-entry variant is available for applications with low NPSH values; easy to service and highly reliable

Applications:
Refineries, petrochemical industry, pipelines for crude oil and refinery products, water injection, steam generation in power stations and industrial plants

CINCP / CINCN

DN	32 - 200
Q [m³/h]	≤ 780
H [m]	≤ 105
p [bar]	≤ 10
T [°C]	≥ -10 - ≤ +100
n [rpm]	≤ 3000
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Vertical immersion pump in cantilever design for wet or dry installation. Semi-open impeller, pump shaft without guide bearings, supported by ball bearings in the upper section. Supplied with discharge pipe extending above the baseplate (CINCP) or without discharge pipe (CINCN). ATEX-compliant version available.

Applications:
Chemical and petrochemical industries, raw materials extraction and waste water management.

http://shop.ksb.com/catalog/k0/en/product/ES000718

INVCP

DN	32 - 300
Q [m³/h]	≤ 1600
H [m]	≤ 116
p [bar]	≤ 10
T [°C]	≥ -10 - ≤ +100
n [rpm]	≤ 3000
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Vertical immersion pump for wet or dry installation, available with closed or semi-open impeller. Supplied with discharge pipe extending above the baseplate (INVCP) or without discharge pipe (INVCN). ATEX-compliant version available.

Applications:
Pumping chemically aggressive, slightly contaminated or solids-laden fluids in the chemical and petrochemical industries.

http://shop.ksb.com/catalog/k0/en/product/ES000737

Estigia

DN	25 - 250
Q [m³/h]	≤ 1160
H [m]	≤ 110
p [bar]	≤ 10
T [°C]	≥ -30 - ≤ +100
n [rpm]	≤ 3000
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Vertical immersion pump for wet installation with closed impeller. Supplied with discharge pipe extending above the baseplate with DN according to norminal flow. Sealing by lip seal, single or double cartridge mechanical seal. ATEX-compliant version available.

Applications:
Pumping chemically aggressive, slightly contaminated or solids-laden fluids in the chemical and petrochemical industries.

RWCP / RWCN

DN	50 - 200
Q [m³/h]	≤ 700
H [m]	≤ 100
p [bar]	≤ 16
T [°C]	≥ -10 - ≤ +100
n [rpm]	≤ 3000
	Data for 50 Hz operation
	Also available for 60 Hz

Description:
Process pump with free-flow impeller, semi-open or two-channel or three-channel impeller. Shaft sealed by mechanical seal or gland packing in accordance with various API pipework plans. Oil-lubricated bearings. ATEX-compliant version available.

Applications:
Refineries, chemical and petrochemical industries, steel works, descaling units, raw materials extraction, waste water management.

http://shop.ksb.com/catalog/k0/en/product/ES000748

WKTR

DN	40 - 150
Q [m³/h]	≤ 400
H [m]	≤ 500
p [bar]	≤ 51
T [°C]	≥ -40 - ≤ +200
n [rpm]	≤ 3000

Data for 50 Hz operation

Also available for 60 Hz

Description:
Vertical can-type ring-section pump. Type VS6 to API 610 and DIN ISO 13709, multistage, first-stage impeller designed as suction impeller, radial impellers. ATEX-compliant version available.

Applications:
Pumping condensate and other NPSH-critical products in industrial plants, particularly in refineries and petrochemical plants.

http://shop.ksb.com/catalog/k0/en/product/ES000875

Rainwater harvesting systems

Hya-Rain / Hya-Rain N

Rp	1
Q [m³/h]	≤ 4
H [m]	≤ 43
p [bar]	≤ 6
T [°C]	≥ 0 - ≤ +35

Data for 50 Hz operation

Description:
Ready-to-connect package rainwater harvesting system in protective housing with automatic mains water back-up function if the rainwater storage tank is empty, with integrated dry running protection and demand-driven automatic pump control. Hya-Rain N version with analog level measurement in rainwater storage tank and integrated functional check run.

Applications:
Rainwater harvesting and service water harvesting, irrigation and spray irrigation systems.

http://shop.ksb.com/catalog/k0/en/product/ES000256

Hya-Rain Eco

Rp	1
Q [m³/h]	≤ 4
H [m]	≤ 43
p [bar]	≤ 6
T [°C]	≥ 0 - ≤ +35

Data for 50 Hz operation

Description:
Basic ready-to-connect package rainwater harvesting system with automatic mains water back-up function if the rainwater storage tank is empty, with integrated dry running protection and demand-driven automatic pump control.

Applications:
Rainwater harvesting and service water harvesting, irrigation and spray irrigation systems.

http://shop.ksb.com/catalog/k0/en/product/ES000600

Domestic water supply / swimming pool pumps

Emporia CP

Rp	1
Q [m³/h]	≤ 7,5
H [m]	≤ 55
p [bar]	≤ 8
T [°C]	≥ 0 - ≤ +90
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Single-stage centrifugal pump in close-coupled design, extremely quiet operation, for use in domestic, public and industrial applications

Applications:
Spray irrigation systems, general irrigation systems, water supply systems

Control unit

http://shop.ksb.com/catalog/k0/en/product/ES000921

Emporia MB

Rp	1 - 1 1/2
Q [m³/h]	≤ 15
H [m]	≤ 90
p [bar]	≤ 10
T [°C]	≥ 0 - ≤ +90
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Multistage centrifugal pump, with 2 impellers, for use in public and industrial applications

Applications:
Spray irrigation systems, general irrigation systems, water supply systems

Control unit

http://shop.ksb.com/catalog/k0/en/product/ES000922

Emporia PD

Rp	1
Q [m³/h]	≤ 3
H [m]	≤ 55
p [bar]	≤ 8
T [°C]	≥ 0 - ≤ +90
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Peripheral impeller pump in close-coupled design for domestic applications

Applications:
Spray irrigation systems, general irrigation systems, water supply systems

Control unit

http://shop.ksb.com/catalog/k0/en/product/ES000923

Multi Eco

Rp	1 - 1 1/4
Q [m³/h]	≤ 8
H [m]	≤ 54
p [bar]	≤ 10
T [°C]	≥ +4 - ≤ +50
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Multistage self-priming centrifugal pump in close-coupled design.
Applications:
Single- or two-family houses, agricultural facilities, spray irrigation systems, irrigation systems and washing plants, water supply and rainwater harvesting.

Cervomatic, Controlmatic

http://shop.ksb.com/catalog/k0/en/product/ES000085

Multi Eco-Pro

Rp	1 - 1 1/4
Q [m³/h]	≤ 8
H [m]	≤ 54
p [bar]	≤ 10
T [°C]	≥ +4 - ≤ +50
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Multistage self-priming centrifugal pump in close-coupled design, with power cable, plug and Controlmatic E automatic control unit for starting and stopping the pump in line with consumer demand and protecting it against dry running. Automated with automatic control unit.
Applications:
Single- or two-family houses, agricultural facilities, spray irrigation systems, irrigation systems and washing plants, water supply and rainwater harvesting.

http://shop.ksb.com/catalog/k0/en/product/ES000253

Multi Eco-Top

Rp	1 - 1 1/4
Q [m³/h]	≤ 8
H [m]	≤ 54
p [bar]	≤ 10
T [°C]	≥ +4 - ≤ +50
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Multistage self-priming centrifugal pump in close-coupled design incl. accumulator with replaceable membrane in drinking water quality, total volume 20 or 50 litres, pressure switch for automatic pump operation and 1.5-metre power cable with plug.
Applications:
Single- or two-family houses, agricultural facilities, spray irrigation systems, irrigation systems and washing plants, water supply and rainwater harvesting.

http://shop.ksb.com/catalog/k0/en/product/ES000254

Ixo N

Rp	1 1/4
Q [m³/h]	≤ 8
H [m]	≤ 65
T [°C]	≥ +5 - ≤ +35
n [rpm]	≤ 2900

Data for 50 Hz operation

Description:
Multistage close-coupled centrifugal pump for fully or partly submerged operation (min. immersion depth 0.1 m), with low-level inlet, suction strainer with a max. mesh width of 2.0 mm.
Applications:
Water supply systems, spray irrigation systems, irrigation systems, washing plants, rainwater harvesting and water extraction from wells, reservoirs and rainwater storage tanks

Control unit, Cervomatic

http://shop.ksb.com/catalog/k0/en/product/ES000007

Ixo-Pro

Rp	1
Q [m³/h]	≤ 3,9
H [m]	≤ 60
T [°C]	≥ +5 - ≤ +35

Data for 50 Hz operation

Description:
Multistage submersible borehole pump with integrated pressure switch, flow sensor and lift check valve. Electronic dry running protection with four consecutive start-up attempts; integrated capacitor. 15-metre H07 RNF power cable with plug included.
Applications:
Rainwater harvesting, pressure boosting, water extraction, irrigation systems

http://shop.ksb.com/catalog/k0/en/product/ES000896

Not available for worldwide sale · Factory-automated · Automation available

Filtra N

Rp	2
Q [m³/h]	≤ 36
H [m]	≤ 21
p [bar]	≤ 2,5
T [°C]	≥ +4 - ≤ +35
n [rpm]	≤ 2800

Data for 50 Hz operation

Description:
Single-stage self-priming centrifugal pump in close-coupled design.
Applications:
For pumping clean or slightly contaminated water, swimming pool water with a max. chlorine content of 0.3 %; ozonised swimming pool water with a max. salt content of 7 ‰.

http://shop.ksb.com/catalog/k0/en/product/ES000090

Pressure booster systems

KSB Delta Compact

Rp	1 / 1 1/2
Q [m³/h]	≤ 20
H [m]	≤ 53
p [bar]	≤ 10
T [°C]	≥ 0 - ≤ +40

Data for 50 Hz and 60 Hz operation

Description:
Fully automatic, ready-to-connect package single-pump pressure booster system / dual-pump pressure booster system with variable speed system
Applications:
Domestic water supply, water supply systems, spray irrigation systems, general irrigation systems, service water systems, rainwater harvesting

http://shop.ksb.com/catalog/k0/en/product/ES000929

KSB Delta Solo EV

Rp	1 1/4
Q [m³/h]	≤ 6
H [m]	≤ 50
p [bar]	≤ 10
T [°C]	≥ 0 - ≤ +60

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with one vertical high-pressure pump and continuously variable speed adjustment. Design and function as per DIN 1988.
Applications:
Spray irrigation systems, irrigation systems, service water supply systems, domestic water supply, rainwater harvesting, water supply systems

http://shop.ksb.com/catalog/k0/en/product/ES000934

Hya-Solo D

Rp	1
DN	100
Q [m³/h]	≤ 110
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package single-pump system with 8-litre membrane-type accumulator. The system is started and stopped as a function of pressure.
Applications:
Water supply systems for residential and office buildings, irrigation and spray irrigation, rainwater harvesting and service water supply systems in trade and industry.

http://shop.ksb.com/catalog/k0/en/product/ES000250

Hya-Solo DSV

Rp	1
DN	100
Q [m³/h]	≤ 110
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic variable speed package single-pump system with PumpDrive 2 / PumpDrive 2 Eco. The system is started as a function of pressure and stopped as a function of flow.
Applications:
Water supply systems for residential and office buildings, irrigation and spray irrigation, rainwater harvesting and service water supply systems in trade and industry.

http://shop.ksb.com/catalog/k0/en/product/ES000251

Hya-Solo D FL

Rp	1
DN	100
Q [m³/h]	≤ 110
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package single-pump system. The system is started and stopped as a function of pressure. Design and function as per DIN 14462.
Applications:
Fire-fighting systems to DIN 14462

http://shop.ksb.com/catalog/k0/en/product/ES000709

Hya-Duo D FL

Rp	2
DN	150
Q [m³/h]	≤ 110
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package dual-pump system consisting of one duty system and one stand-by system to ensure system redundancy. Design and function as per DIN 14462.
Applications:
Fire-fighting systems to DIN 14462

http://shop.ksb.com/catalog/k0/en/product/ES000710

Hya-Solo D FL Compact

DN	50 - 80
Q [m³/h]	≤ 48
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic ready-to-connect break tank package booster set for fire fighting, comprising a single-pump system and break tank. The system is started and stopped as a function of pressure. Design and function as per DIN 14462.
Applications:
Fire-fighting systems to DIN 14462

http://shop.ksb.com/catalog/k0/en/product/ES000821

Hya-Duo D FL Compact

DN	50 - 80
Q [m³/h]	≤ 48
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic, ready-to-connect break tank package booster set for fire fighting, comprising a dual-pump system and break tank. The system is started and stopped as a function of pressure. Design and function as per DIN 14462.
Applications:
Fire-fighting systems to DIN 14462

http://shop.ksb.com/catalog/k0/en/product/ES000820

Hya-Eco VP

Rp	2
DN	80
Q [m³/h]	≤ 70
H [m]	≤ 110
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with either 2 or 3 vertical high-pressure pumps, and continuously variable speed adjustment of all pumps for fully electronic control of the required supply pressure, with two standard volt-free changeover contacts for fault indication. Design and function as per DIN 1988. Automated with BoosterControl.
Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industry, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000596

Not available for worldwide sale Factory-automated Automation available

Hyamat K

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps and fully electronic control to ensure the required supply pressure, with volt-free changeover contact for general fault indication and live-zero monitoring of the connected sensors, design and function to DIN 1988. Automated with BoosterControl.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industry, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000247

Hyamat V

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps and continuously variable speed adjustment of one pump; for fully electronic control of the required supply pressure. Design and function as per DIN 1988. Automated with BoosterControl.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industry, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000417

Hyamat SVP

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps and continuously variable speed adjustment of all pumps by PumpDrive; for fully electronic control of the required supply pressure. Design and function as per DIN 1988. Automated with BoosterControl and PumpDrive.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industry, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000418

Hyamat SVP ECO

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps and continuously variable speed adjustment of all pumps by PumpDrive; for fully electronic control of the required supply pressure. Design and function as per DIN 1988. Automated with PumpDrive.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industry, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000935

Surpress Eco SE.2.B

Rp	2
DN	80
Q [m³/h]	≤ 70
H [m]	≤ 100
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with either 2 or 3 vertical high-pressure pumps, for fully electronic control to ensure the required supply pressure, with standard volt-free changeover contact for general fault indication and live-zero monitoring of the connected sensors. Automated with BoosterControl.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000595

Surpress Eco SE.2.B VP

Rp	2
DN	80
Q [m³/h]	≤ 70
H [m]	≤ 100
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with either 2 or 3 vertical high-pressure pumps. Continuously variable speed adjustment of all pumps for fully electronic control of the required supply pressure, with two standard volt-free changeover contacts for fault indication. Automated with BoosterControl and PumpDrive.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000695

Surpresschrom SIC.2

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps, with fully electronic control system ensuring the required supply pressure, with standard volt-free changeover contact for general fault indication and live-zero monitoring of the connected sensors. Automated with BoosterControl.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000439

Surpresschrom SIC.2 V

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps. Continuously variable speed adjustment of one pump with PumpDrive for fully electronic control of the required supply pressure. Automated with BoosterControl and PumpDrive.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000702

Surpresschrom SIC.2 SVP

Rp	2
DN	250
Q [m³/h]	≤ 660
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with 2 to 6 vertical high-pressure pumps. Continuously variable speed adjustment of all pumps with PumpDrive for fully electronic control of the required supply pressure. Automated with BoosterControl and PumpDrive.

Applications:
Pressure boosting in residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000701

Surpressbloc SB

DN	100 - 200
Q [m³/h]	≤ 640
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with two to four vertical high-pressure pumps and fully electronic control system ensuring the required supply pressure. Automated with PLC.

Applications:
Industry and other applications. For handling service water and cooling water not chemically or mechanically aggressive to the pump materials.

Surpress Feu SFE

Rp	2 1/2
Q [m³/h]	≤ 40
H [m]	≤ 76
p [bar]	≤ 10
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic pressure booster system with two horizontal close-coupled pumps (one pump on stand-by duty). Design complies with APSAD regulation R5. Pressure-controlled starting and stopping. Automated with BoosterControl.
Applications:
Water supply and pressure boosting for wall hydrants, fire protection.

http://shop.ksb.com/catalog/k0/en/product/ES000441

Surpress SP

Rp	1 1/2 - 2
Q [m³/h]	≤ 36
H [m]	≤ 70
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with either two or three vertical high-pressure pumps and fully electronic control unit ensuring the required supply pressure at the consumer installations. Design and functions to EN 806-2.
Applications:
Residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000886

Surpress SP VP

Rp	1 1/2 - 2
Q [m³/h]	≤ 36
H [m]	≤ 70
p [bar]	≤ 16
T [°C]	≥ 0 - ≤ +70

Data for 50 Hz operation

Description:
Fully automatic package pressure booster system with either two or three vertical high-pressure pumps. Continuously variable speed adjustment of all pumps for fully electronic control of the required supply pressure at the consumer installations. Design and function to DIN EN 806-2 and DIN 1988. Automated with BoosterControl.
Applications:
Residential buildings, hospitals, office buildings, hotels, department stores, industrial plants, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000892

Drainage pumps / waste water pumps

Ama-Drainer N

Rp	1 1/4 - 1 1/2
Q [m³/h]	≤ 16,5
H [m]	≤ 12
T [°C]	≥ 0 - ≤ +50

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical single-stage fully floodable submersible motor pump in close-coupled design, IP68, with or without level control, max. immersion depth: 2 m.
Applications:
Automatic drainage of pits, shafts, yards and cellars at risk of flooding, lowering of surface water levels, drainage, drainage of underground passages, water extraction from rivers and reservoirs.

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000771

Ama-Drainer 4../5..

Rp	1 1/2 - 2
Q [m³/h]	≤ 50
H [m]	≤ 24
T [°C]	≥ 0 - ≤ +40

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical single-stage fully floodable submersible motor pumps in close-coupled design, IP68, with or without level control, max. immersion depth: 7 m.
Applications:
Automatic drainage of pits, shafts, yards and cellars at risk of flooding, lowering of surface water levels, drainage, drainage of underground passages, water extraction from rivers and reservoirs.

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000078

Ama-Drainer 80, 100

Rp	2 1/2
DN	100
Q [m³/h]	≤ 130
H [m]	≤ 26
T [°C]	≥ 0 - ≤ +50
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Vertical single-stage fully floodable submersible motor pump in close-coupled design, IP68, with or without level control, max. immersion depth: 10 m.
Applications:
Automatic drainage of pits, shafts, yards and cellars at risk of flooding, lowering of surface water levels, drainage, drainage of underground passages, water extraction from rivers and reservoirs.

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000079

Ama-Porter F / S

DN	50 - 65
Q [m³/h]	≤ 40
H [m]	≤ 16
T [°C]	≤ +40
Data for 50 Hz operation	

Description:
Vertical single-stage fully floodable submersible waste water pump in close-coupled design (grey cast iron variant), non-explosion-proof.
Applications:
Handling waste water, especially waste water containing long fibres and solid substances, fluids containing gas/air, removing waste water from flooded rooms or surfaces.

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000082

Rotex

Rp	1 1/4 - 2
Q [m³/h]	≤ 24
H [m]	≤ 14
T [°C]	≥ 0 - ≤ +90
n [rpm]	≤ 2900
Inst. depth [m]	≤ 1,7
Data for 50 Hz operation	

Description:
Vertical single-stage centrifugal pump with discharge to the top and parallel with the pump shaft, pump base designed to act as suction strainer. Pump and motor are rigidly connected by a support column. Supplied ready to be plugged in, with 1.5-metre power cable and level switch.
Applications:
Automatic drainage of buildings, pits and tanks, lowering of surface water levels and drainage.

http://shop.ksb.com/catalog/k0/en/product/ES000012

MK / MKY

Rp	2
DN	50
Q [m³/h]	≤ 36
H [m]	≤ 19
T [°C]	≥ -10 - ≤ +200
n [rpm]	≤ 3500
Inst. depth [m]	≤ 2,8
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Vertical submersible pump with three-channel impeller, volute casing designed as inlet strainer.
Applications:
For pumping condensate and heat transfer fluids below boiling point, condensate return systems, primary and secondary heating circuits, for direct installation in heating tanks or heat exchangers in the secondary circuits of heat transfer systems (MKY).

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000013

Lifting units / pump stations

Amaclean

Q [m³/h]	≤ 150
H [m]	≤ 62
T [°C]	depending on pump

Description:
Self-cleaning tank insert for grouted installation in new concrete structures or in concrete structures in need of refurbishment. Designed to prevent soiling of the structure and clogging of the pumps by heavily waste or fibre loaded waste water. Suitable for pump stations emitting unpleasant odours and/or gases.
Applications:
Waste water disposal, rainwater disposal

http://shop.ksb.com/catalog/k0/en/product/ES000778

AmaDS³

Q [m³/h]	≤ 200
H [m]	≤ 85
T [°C]	depending on pump
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Waste water pump station with solids separation system. Indirect hydraulic transport of waste water, solids separators arranged upstream of the pumps, for maximum economic efficiency, operating reliability and ease of servicing.
Applications:
Municipal and industrial waste water transport. Applications with special drainage requirements, e.g. hotels, hospitals, campgrounds, etc.

LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000858

Ama-Drainer-Box Mini

DN	40
Q [m³/h]	≤ 10
H [m]	≤ 6,5
T [°C]	≤ +50
Data for 50 Hz operation	

Description:
Reliable and compact waste water lifting unit in a modern design with activated carbon filter meeting hygiene requirements and with shower connection as standard; complies with EN 12050-2
Applications:
Automatic disposal of waste water from washbasins, showers, washing machines and dishwashers. Use mini-Compacta sewage lifting unit for handling sewage from urinals and toilets.

http://shop.ksb.com/catalog/k0/en/product/ES000862

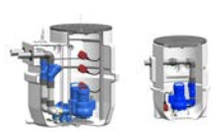
Ama-Drainer-Box

DN	40 - 50
Q [m³/h]	≤ 46
H [m]	≤ 24
T [°C]	≤ +40
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Stable above-floor plastic collecting tank or impact-resistant underfloor plastic collecting tank, with floor drain and odour trap, both with Ama-Drainer submersible motor pump starting and stopping automatically and swing check valve
Applications:
Automatic disposal of waste water from washbasins, showers, washing machines, garage driveways, basements and rooms prone to flooding

http://shop.ksb.com/catalog/k0/en/product/ES000262

Evamatic-Box N



DN	50 - 65
Q [m³/h]	≤ 40
H [m]	≤ 21
T [°C]	≤ +40
Data for 50 Hz operation	

Description:
Floodable lifting unit for domestic waste water, equipped with either one or two pumps of type Ama-Porter F (free-flow impeller) or Ama-Porter S (cutter)
Applications:
Disposal of domestic and municipal waste water occurring below the flood level

http://shop.ksb.com/catalog/k0/en/product/ES000430

mini-Compacta

DN	32 - 100
Q [m³/h]	≤ 36
H [m]	≤ 25
T [°C]	≤ +40
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Floodable single-pump sewage lifting unit or dual-pump sewage lifting unit for automatic disposal of domestic sewage and faeces in building sections below the flood level.
Applications:
Basement flats, bars, basement party rooms and saunas, cinemas and theatres, department stores, hospitals, hotels, restaurants or schools.

http://shop.ksb.com/catalog/k0/en/product/ES000261

Compacta

DN	80 - 100
Q [m³/h]	≤ 140
H [m]	≤ 24,5
T [°C]	≤ +40
Data for 50 Hz operation	

Description:
Floodable single-pump sewage lifting unit or dual-pump sewage lifting unit for automatic disposal of waste water and faeces in buildings and building sections below the flood level.

Applications:
Basement flats, bars, basement party rooms and saunas, cinemas and theatres, department stores and hospitals, hotels, restaurants, schools, other public buildings, industrial facilities, underground train stations or for joint sewage disposal from rows of houses.

http://shop.ksb.com/catalog/k0/en/product/ES000260

CK 800 Pump Station

DN	32 - 50
Q [m³/h]	≤ 22
H [m]	≤ 49
T [°C]	≤ +40
Data for 50 Hz operation	

Description:
Single-pump or dual-pump station as ready-to-connect package system, with PE-LLD (polyethylene) collecting tank for buried installation. Equipped with either one or two submersible waste water pumps of type Amarex N S (explosion-proof or non-explosion-proof) or Ama-Porter (non-explosion-proof). Tank design to DIN 1986-100 and EN 752/EN 476.

Applications:
Drainage of buildings and premises, waste water disposal, premises renovation, joint sewage disposal for multiple residential units, pumped drainage

http://shop.ksb.com/catalog/k0/en/product/ES000778

CK 1000 Pump Station

DN	50 - 65
Q [m³/h]	≤ 50
H [m]	≤ 39
T [°C]	≤ +40
Data for 50 Hz operation	

Description:
Single-pump or dual-pump station as ready-to-connect package system, with PE-LLD (polyethylene) collecting tank for buried installation. Equipped with either one or two submersible waste water pumps of type Amarex N (explosion-proof or non-explosion-proof) or Ama-Porter (non-explosion-proof). Tank design to DIN 1986-100 and EN 752/EN 476.

Applications:
Drainage of buildings and premises, waste water disposal, premises renovation, joint sewage disposal for multiple residential units, pumped drainage

http://shop.ksb.com/catalog/k0/en/product/ES000266

Ama-Porter CK Pump Station

DN	50 - 65
Q [m³/h]	≤ 40
H [m]	≤ 16
T [°C]	≤ +40
Data for 50 Hz operation	

Description:
Single-pump or dual-pump station as ready-to-connect package system, with PE-LLD (polyethylene) collecting tank for buried installation. Equipped with either one or two submersible waste water pumps of type Ama-Porter (non-explosion-proof). Tank design to DIN 1986-100 and EN 752/EN 476.

Applications:
Drainage of buildings and premises, waste water disposal, premises renovation, joint sewage disposal for multiple residential units, pumped drainage

http://shop.ksb.com/catalog/k0/en/product/ES000498

SRP

DN	50 - 150
Q [m³/h]	≤ 500
H [m]	≤ 75
T [°C]	≤ +40
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-pump or dual-pump station as ready-to-connect package system, with fibreglass collecting tank for buried installation

Applications:
Premises renovation, disposal of domestic, municipal and industrial waste water, joint sewage disposal for multiple residential units

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000443

Not available for worldwide sale Factory-automated Automation available

SRL

DN	65 - 150
Q [m³/h]	≤ 300
H [m]	≤ 55
T [°C]	≤ +40

Data for 50 Hz operation

Description:
Packaged pump station with tank made of glass fibre reinforced polyester, equipped with two Sewabloc pumps with a rating of 2.2 to 30 kW in dry installation, integrated valves and a control unit with frequency inverters. Pump operation is adjusted in line with flow rate demand, thus minimising energy costs. This maintenance-friendly pump station prevents intermediate storage of waste water and the related odour nuisance.

Applications:
Joint disposal of domestic, municipal and industrial waste water to the sewer system / sewage treatment plant

http://shop.ksb.com/catalog/k0/en/product/ES000856

SRS

DN	50 - 65
Q [m³/h]	≤ 50
H [m]	≤ 49
T [°C]	≤ +40

Data for 50 Hz operation

Also available for 60 Hz

Description:
Packaged pump station with plastic tank for underfloor installation and two submersible waste water pumps mounted on duckfoot bends, with two guide systems Complete discharge line made of PVC with ball valves and ball non-return valves fitted in the tank.

Applications:
Rainwater disposal, waste water disposal from buildings, building sections, residential housing complexes, office blocks, campgrounds

LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000773

Submersible motor pumps

Amarex N

DN	32 - 100
Q [m³/h]	≤ 190
H [m]	≤ 49
T [°C]	≤ +40

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical single-stage submersible motor pump for wet installation, with cutter (S), free-flow impeller (F) or diagonal single-vane impeller (D), stationary or transportable version. Amarex N pumps are floodable, single-stage, single-entry close-coupled pump sets which are not self-priming. ATEX-compliant version available.

Applications:
Pumping waste water, especially untreated waste water containing long fibres and solid substances, fluids containing gas or air, and raw, activated and digested sludge; for dewatering and water extraction, drainage of rooms and areas at risk of flooding.

Control unit, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000507

Amarex KRT

DN	40 - 700
Q [m³/h]	≤ 10080
H [m]	≤ 120
T [°C]	≤ +60
n [rpm]	≤ 2900

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical single-stage submersible motor pump in close-coupled design, with various impeller types, for wet installation, stationary or transportable version. ATEX-compliant version available.

Applications:
Waste water management, service water supply systems, disposal, waste water treatment plants, sludge disposal

PumpDrive, Amacontrol, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000092

Amarex KRT, with jacket cooling

DN	100 - 700
Q [m³/h]	≤ 10080
H [m]	≤ 120
p [bar]	≤ 10
T [°C]	≤ +40
n [rpm]	≤ 1450

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical single-stage submersible motor pump in close-coupled design, with various impeller types, for wet or dry installation.

Applications:
Pumping waste water in waste water management and industry, especially untreated waste water containing long fibres and solid substances, fluids containing gas or air, and raw, activated and digested sludge.

PumpDrive, Amacontrol, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000092

Amarex KRT, with convection cooling

DN	80 - 200
Q [m³/h]	≤ 550
H [m]	≤ 25
T [°C]	≤ +40
n [rpm]	≤ 1450

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal or vertical single-stage submersible motor pump in close-coupled design, with various impeller types, for wet or dry installation, stationary or transportable version, with energy-saving motor.

Applications:
Pumping waste water in waste water management and industry, especially untreated waste water containing long fibres and solid substances, fluids containing gas or air, and raw, activated and digested sludge.

PumpDrive, Amacontrol, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000092

Submersible pumps in discharge tubes

Amacan K

DN	700 - 1400
Q [m³/h]	≤ 5400
H [m]	≤ 30
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 980

Data for 50 Hz operation

Also available for 60 Hz

Description:
Wet-installed submersible motor pump for installation in discharge tubes, with channel impeller, single-stage, single-entry. ATEX-compliant version available.

Applications:
Pumping pre-cleaned chemically neutral waste water, industrial effluent, sewage, fluids not containing any stringy substances, pre-treated by screens and overflow sills; as waste water, mixed sewage and activated sludge pumps in waste water treatment plants, irrigation and drainage pumping stations.

Amacontrol

http://shop.ksb.com/catalog/k0/en/product/ES000100

Amacan P

DN	500 - 1500
Q [m³/h]	≤ 25200
H [m]	≤ 12
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 1450

Data for 50 Hz operation

Also available for 60 Hz

Description:
Wet-installed submersible motor pump for installation in discharge tubes, with axial propeller in ECB design, single-stage, single-entry. ATEX-compliant version available.

Applications:
Irrigation and drainage pumping stations, for stormwater transport in stormwater pumping stations, raw and clean water transport in water and waste water treatment plants, cooling water transport in power stations and industrial plants, industrial water supply, water pollution and flood control, aquaculture.

Amacontrol

http://shop.ksb.com/catalog/k0/en/product/ES000099

Amacan S

DN	650 - 1300
Q [m³/h]	≤ 10800
H [m]	≤ 40
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 1450

Data for 50 Hz operation

Also available for 60 Hz

Description:
Wet-installed submersible motor pump for installation in discharge tubes, with mixed flow impeller, single-stage. ATEX-compliant version available.

Applications:
Pumping water not containing stringy material in irrigation and drainage pumping stations, general water supply systems, water pollution and flood control.

Amacontrol

http://shop.ksb.com/catalog/k0/en/product/ES000101

Mixers / agitators / tank cleaning units

Amamix

Propeller Ø [mm]	200 - 600
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 1400
Inst. depth [m]	≤ 30

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal submersible mixer with self-cleaning ECB propeller, close-coupled design, direct drive. ATEX-compliant version available.
Applications:
For handling municipal and industrial waste water and sludges in environmental engineering (also in biogas plants).

http://shop.ksb.com/catalog/k0/en/product/ES000268

Amaprop

Propeller Ø [mm]	1000 - 2500
T [°C]	≥ 0 - ≤ +45
n [rpm]	≤ 109
Inst. depth [m]	≤ 30

Also available for 60 Hz

Description:
Horizontal submersible mixer with self-cleaning ECB propeller, close-coupled design, with coaxial spur gear drive. ATEX-compliant version available.
Applications:
In environmental engineering, particularly in municipal and industrial waste water and sludge treatment, for circulating, keeping in suspension and inducing flow in nitrification tanks and denitrification tanks, activated sludge tanks, biological phosphate elimination tanks, flocculation tanks and sludge storage tanks

http://shop.ksb.com/catalog/k0/en/product/ES000271

Amajet

DN	100 - 150
Q [m³/h]	≤ 195
T [°C]	≥ +4 - ≤ +40
n [rpm]	≤ 1450

Data for 50 Hz operation
Also available for 60 Hz

Description:
Stationary or portable unit with horizontally or vertically mounted submersible propulsive jet pump with non-clogging free-flow impeller. Motor ratings of 5.5 to 27 kW. Available variants: Amajet, SewerAmajet, SwingAmajet, MultiAmajet.
Applications:
Cleaning stormwater tanks and storage sewers.

http://shop.ksb.com/catalog/k0/en/product/ES000097

Amaline

DN	300 - 800
Q [m³/h]	≤ 5400
H [m]	≤ 2
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 960

Data for 50 Hz operation
Also available for 60 Hz

Description:
Wet-installed horizontal propeller pump with submersible motor, equipped with direct drive or spur gear, ECB propeller with three rigid, fibre-repellent blades, bolt-free connection to the discharge pipe. ATEX-compliant version available.
Applications:
Recirculating activated sludge in waste water treatment systems.

http://shop.ksb.com/catalog/k0/en/product/ES000273

Pumps for solids-laden fluids

Sewatec

DN	50 - 700
Q [m³/h]	≤ 10000
H [m]	≤ 115
p [bar]	≤ 10
T [°C]	≤ +70
n [rpm]	≤ 2900

Data for 50 Hz operation
Also available for 60 Hz

Description:
Volute casing pump for horizontal or vertical installation, with free-flow (F), single-channel (E), multi-channel (K) or diagonal single-vane impeller (D), discharge flange to DIN and ANSI standards. ATEX-compliant version available.

Applications:
Waste water transport, waste water disposal, waste water management, transport of contaminated surface water, sludge treatment

PumpDrive, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000068

Sewatec R

DN	1200
Q [m³/h]	≤ 32400
H [m]	≤ 115
p [bar]	≤ 16
T [°C]	≤ +70

Data for 50 Hz operation
Also available for 60 Hz

Description:
Volute casing pump for horizontal or vertical installation, with free-flow (F) or multi-channel (K) impeller, discharge flange to DIN and ANSI standards.

Applications:
Waste water transport, waste water disposal, waste water management, transport of contaminated surface water

Sewabloc

DN	50 - 200
Q [m³/h]	≤ 10000
H [m]	≤ 90
p [bar]	≤ 10
T [°C]	≤ +70
n [rpm]	≤ 2900

Data for 50 Hz operation
Also available for 60 Hz

Description:
Close-coupled volute casing pump for horizontal or vertical installation, with free-flow (F), multi-channel (K) or diagonal single-vane impeller (D), discharge flange to DIN and ANSI standards. ATEX-compliant version available.

Applications:
Waste water transport, waste water disposal, waste water management, transport of contaminated surface water, sludge treatment

PumpDrive, LevelControl

http://shop.ksb.com/catalog/k0/en/product/ES000069

KWP / KWP-Bloc

DN	40 - 900
Q [m³/h]	≤ 15000
H [m]	≤ 100
p [bar]	≤ 10
T [°C]	≥ -40 - ≤ +140
n [rpm]	≤ 2900

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal radially split volute casing pump in close-coupled or back pull-out design, single-stage, single-entry, available with various impeller types: channel impeller, open multi-channel impeller and free-flow impeller. ATEX-compliant version available.

Applications:
Paper industry, cellulose industry, sugar industry, food industry, beverages industry, conventional fossil power plants, chemical industry, petrochemical industry, flue gas desulphurisation, coal upgrading plants, industrial waste water engineering, seawater desalination, reverse osmosis

PumpDrive

http://shop.ksb.com/catalog/k0/en/product/ES000018

Slurry pumps

WBC

Q [m³/h]	≤ 13600
H [m]	≤ 80
p [bar]	≤ 40
T [°C]	≤ +120

Description:
Patented design with state-of-the-art hydraulic and wear technologies for high-pressure applications. The pump casing is designed to withstand maximum stresses, e.g. during pressure surges.
Applications:
Ideal for the single-stage or multistage transport of ore and tailings and for dredging.

http://shop.ksb.com/catalog/k0/en/product/ES000227

LSA-S

Q [m³/h]	≤ 14000
H [m]	≤ 90
p [bar]	≤ 16
T [°C]	≥ -20 - ≤ +120

Description:
Premium design white cast iron pump for long service life handling severe slurries. The maintenance-friendly single-wall construction and heavy section white cast iron wet end combined with the cartridge bearing assembly provides maximum reliability and ease of maintenance.
Applications:
Ore and tailings transport, cyclone feed, dredging (dry-installed or submerged operation) and industrial processes.

http://shop.ksb.com/catalog/k0/en/product/ES000220

LCC-M

Q [m³/h]	≤ 3405
H [m]	≤ 90
p [bar]	≤ 16
T [°C]	≤ +120

Description:
The wetted pump end (casing, impeller and suction plate / liner) is made of white cast iron. Design optimised to permit easy dismantling and reassembly for maintenance and inspections.
Applications:
Reliable pump for high heads and moderately corrosive slurries. Used in mine dewatering, ash and tailings transport and dredging.

http://shop.ksb.com/catalog/k0/en/product/ES000217

LCC-R

Q [m³/h]	≤ 2455
H [m]	≤ 42
p [bar]	≤ 16
T [°C]	≤ +65

Description:
Interchangeable rubber-lined or part-metal design allows adaptation of existing pumps to new applications by simply exchanging the pump wet end.
Applications:
The pumps are suitable for moderate heads, fine particles and highly corrosive slurries.

http://shop.ksb.com/catalog/k0/en/product/ES000218

TBC

Q [m³/h]	≤ 18200
H [m]	≤ 90
p [bar]	≤ 55
T [°C]	≤ +120

Description:
Horizontal high-pressure end-suction centrifugal pump offering maximum resistance to wear and ease of maintenance. The conventional single-wall design transfers stress loads from the wear plates to the casing covers in high-pressure applications. Pump components made of highly wear-resistant white cast iron.
Applications:
High-head high-flow hydrotransport of tailings, dredged material, pipeline booster stations and other severe duties.

http://shop.ksb.com/catalog/k0/en/product/ES000226

LCV

Q [m³/h]	≤ 2045
H [m]	≤ 38
p [bar]	≤ 14
T [°C]	≤ +120

Description:
Rugged vertical shaft submersible pump with casing, impeller and suction plate / liner made of white cast iron, bearing assembly located out of product. Replaceable wetted parts made of white cast iron or natural rubber.
Applications:
Particularly suitable for use in industrial processes and for transporting tailings in mines and pits.

http://shop.ksb.com/catalog/k0/en/product/ES000016

FGD

Q [m³/h]	≤ 22700
H [m]	≤ 45
p [bar]	≤ 17
T [°C]	≥ -20 - ≤ +120

Description:
High-flow / low-head white cast iron pump with single-wall casing and high-efficiency impeller. Single-piece suction cover with integrated mounting plate.
Applications:
Flue gas desulpurisation systems and process circuits

http://shop.ksb.com/catalog/k0/en/product/ES000231

MHD

Q [m³/h]	≤ 32000
H [m]	≤ 80
p [bar]	≤ 28
T [°C]	≥ -20 - ≤ +120

Description:
Horizontal volute casing pump for high-volume hydrotransport of solids. For pumping slurries of large and very large particle sizes with a very good suction behaviour and high efficiency. Pump components made of white cast iron.
Applications:
Ideal for pipeline pressure booster stations and severe mining duties. Highly suitable for loading and unloading duties on (cutter) suction dredgers.

http://shop.ksb.com/catalog/k0/en/product/ES000224

LHD

Q [m³/h]	≤ 21600
H [m]	≤ 65
p [bar]	≤ 17
T [°C]	≥ -20 - ≤ +120

Description:
Horizontal volute casing pump for high-volume hydrotransport of solids. For pumping slurries of large and very large particle sizes with a very good suction behaviour and high efficiency. Used in low-pressure applications. Pump components made of white cast iron.
Applications:
Ideal for handling sand and gravel, on dredgers for land reclamation and as booster pumps.

http://shop.ksb.com/catalog/k0/en/product/ES000223

MDX

Q [m³/h]	≤ 14000
H [m]	≤ 90
p [bar]	≤ 16
T [°C]	≥ -20 - ≤ +120

Description:
Pump designed with the latest technology from GIW. Superior wear properties and extremely long service life handling aggressive slurries.
Applications:
Designed for SAG and ball mill discharge duties, cyclone feed, screen feed and other ore mining and treatment processes.

http://shop.ksb.com/catalog/k0/en/product/ES000850

ZW

Q [m³/h]	≤ 400
H [m]	≤ 35
p [bar]	≤ 10
T [°C]	≥ 0 - ≤ +80

Description:
Rugged vertical shaft submersible pump with casing, impeller and suction cover made of white cast iron, top and bottom impeller inlet. Bearings not exposed to fluid handled. Replaceable wetted components.

Applications:
Particularly suitable for pumping abrasive slurries, dewatering, floor clean-up and process applications.

http://shop.ksb.com/catalog/k0/en/product/ES000852

HVF

Q [m³/h]	≤ 8175
H [m]	≤ 50
p [bar]	≤ 11
T [°C]	≤ +120

Description:
The pump provides continuous operation without shutdown or operator intervention. The new hydraulic design removes air from the impeller eye while the pump is running, and the pump can be retrofitted into any existing operation.

Applications:
For use in all froth pumping applications in the mineral processing and industrial minerals industries.

http://shop.ksb.com/catalog/k0/en/product/ES000851

Self-priming pumps

Etaprime L

DN	25 - 125
Q [m³/h]	≤ 180
H [m]	≤ 85
p [bar]	≤ 10
T [°C]	≥ -30 - ≤ +90
H_{geo} [m]	≤ 9

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal self-priming volute casing pump, single-stage, with open multi-vane impeller, from size 40-40-140 with bearing bracket, in back pull-out design, ATEX-compliant version available.

Applications:
Pumping clean, contaminated or aggressive fluids not containing abrasive substances and solids. For use in spray irrigation systems, service water systems, drainage, dewatering systems, fire-fighting systems, drawdown of groundwater levels, domestic water supply, air-conditioning systems, cooling circuits, swimming pools, water supply systems.

http://shop.ksb.com/catalog/k0/en/product/ES000120

Etaprime B

DN	25 - 100
Q [m³/h]	≤ 130
H [m]	≤ 70
p [bar]	≤ 10
T [°C]	≥ -30 - ≤ +90
H_{geo} [m]	≤ 9

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal self-priming volute casing pump, single-stage, with open multi-vane impeller, close-coupled; pump shaft and motor shaft rigidly connected; ATEX-compliant version available.

Applications:
Pumping clean, contaminated or aggressive fluids not containing abrasive substances and solids. For use in spray irrigation systems, service water systems, drainage, dewatering systems, fire-fighting systems, drawdown of groundwater levels, domestic water supply, air-conditioning systems, cooling circuits, swimming pools, water supply systems.

http://shop.ksb.com/catalog/k0/en/product/ES000119

EZ B/L

DN	25 - 50
Q [m³/h]	≤ 21
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ -5 - ≤ +80
n [rpm]	≤ 1500

Data for 50 Hz operation
Also available for 60 Hz

Description:
Self-priming multistage liquid ring pump in close-coupled (EZ B) or long-coupled (EZ L) design, with mechanical seal.

Applications:
Boiler feed applications, sanitary hot water, hydrophore systems for fresh or seawater and fresh water pre-heating.

http://shop.ksb.com/catalog/k0/en/product/ES000754

AU

DN	40 - 200
Q [m³/h]	≤ 600
H [m]	≤ 52
p [bar]	≤ 10
T [°C]	≥ -10 - ≤ +80

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal, self-priming centrifugal pump, open or semi-open impeller, adjusted via wear plate, with mechanical seal, ATEX-compliant version available.

Applications:
Pumping clean, contaminated and aggressive fluids also containing solids. In fresh water and seawater circuits, fire-fighting applications, as ballast and bilge pumps, and for drainage and waste water applications.

http://shop.ksb.com/catalog/k0/en/product/ES000750

AU Monobloc

DN	40 - 50
Q [m³/h]	≤ 53
H [m]	≤ 37
p [bar]	≤ 10
T [°C]	≥ -10 - ≤ +80

Data for 50 Hz operation
Also available for 60 Hz

Description:
Horizontal, self-priming centrifugal pump in close-coupled design, open or semi-open impeller, adjusted via wear plate, with mechanical seal, driven by electric motors or internal combustion engines, ATEX-compliant version available.

Applications:
Pumping clean, contaminated and aggressive fluids also containing solids. In fresh water and seawater circuits, fire-fighting applications, as ballast and bilge pumps, and for drainage and waste water applications.

http://shop.ksb.com/catalog/k0/en/product/ES000715

Submersible borehole pumps

UPAchrom 100 CN

DN	100
Q [m³/h]	≤ 22
H [m]	≤ 300
T [°C]	≤ +30
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Multistage centrifugal pump in shroud design made of stainless steel and plastic for well diameters of 100 mm (4 inches) and above, available with single-phase AC motor or three-phase motor with motor lead.
Applications:
Domestic water supply, irrigation and spray irrigation, drawdown of groundwater levels, in fire-fighting systems, cooling circuits, fountains, pressure booster systems and air-conditioning systems. UPAchrom 100 CN is also suitable for drinking water applications to ACS.

Control unit, Cervomatic, UPA Control

http://shop.ksb.com/catalog/k0/en/product/ES000003

UPAchrom 100 CC

DN	100
Q [m³/h]	≤ 18
H [m]	≤ 600
T [°C]	≤ +30
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Multistage centrifugal pump in ring-section design made of stainless steel for well diameters of 100 mm (4 inches) and above, available with single-phase AC motor or three-phase motor with motor lead.
Applications:
Domestic water supply, irrigation and spray irrigation, drawdown of groundwater levels, in fire-fighting systems, cooling circuits, fountains, pressure booster systems and air-conditioning systems. UPAchrom 100 CC is also suitable for drinking water applications to ACS.

Control unit, Cervomatic, UPA Control

http://shop.ksb.com/catalog/k0/en/product/ES000003

UPA 150C

DN	150
Q [m³/h]	≤ 79
H [m]	≤ 440
T [°C]	≤ +50
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
All-stainless steel single-stage or multistage centrifugal pump in ring-section design for well diameters of 150 mm (6 inches) and above.
Applications:
Spray irrigation systems, irrigation systems, drawdown of groundwater levels, domestic water supply, fountains, heat pump systems, water supply systems

PumpDrive, KSB UMA-S

http://shop.ksb.com/catalog/k0/en/product/ES000003

UPA 200, 200B, 250C

DN	200 - 250
Q [m³/h]	≤ 330
H [m]	≤ 460
T [°C]	≤ +50
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-stage or multistage single-entry centrifugal pump in ring-section design for vertical or horizontal installation. Optionally available with lift check valve or connection branch.
Applications:
Pumping clean or slightly contaminated water in general water supply, spray irrigation and irrigation, drawdown and maintenance of groundwater levels, fountains and pressure booster systems, mining, fire-fighting systems, emergency water supply, etc.

PumpDrive, KSB UMA-S

http://shop.ksb.com/catalog/k0/en/product/ES000003

UPA 300, 350

DN	300 - 350
Q [m³/h]	≤ 840
H [m]	≤ 480
T [°C]	≤ +50
Data for 50 Hz operation	
Also available for 60 Hz	

Description:
Single-stage or multistage single-entry centrifugal pump in ring-section design for vertical or horizontal installation. Mixed flow hydraulic systems with impellers that can be turned down. Optionally available with lift check valve or connection branch.
Applications:
Pumping clean or slightly contaminated water in general water supply, spray irrigation and irrigation, drawdown and maintenance of groundwater levels, mining, fountains and fire-fighting systems, etc.

PumpDrive, KSB UMA-S

http://shop.ksb.com/catalog/k0/en/product/ES000003

Not available for worldwide sale Factory-automated Automation available

UPA-Z / UPA-R

DN	> 350
Q [m³/h]	≤ 5000
H [m]	≤ 1500
T [°C]	≤ +50

Data for 50 Hz operation
Also available for 60 Hz

Description:
Single-stage or multistage single-entry (UPA-R) or double-entry (UPA-Z) centrifugal pump in ring-section design for vertical or horizontal installation.

Applications:
Pumping clean or slightly contaminated water, seawater, liquefied gases and oils in water supply, offshore and cavern applications and in groundwater management.

Deep-well turbine pumps

B-Pump

DN	80 - 400
Q [m³/h]	≤ 2600
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ -10 - ≤ +105
n [rpm]	≤ 3000

Data for 50 Hz operation
Also available for 60 Hz

Description:
Multistage deep-well turbine pump with closed impellers, column section with bearing assembly, shaft sleeve, shaft sealed by gland packing, driven by electric motor or diesel engine.

Applications:
Pumping clean water in agriculture, collection and irrigation, public water supply, industry, fire-fighting systems

http://shop.ksb.com/catalog/k0/en/product/ES000909

High-pressure pumps

Comeo

Rp	1 - 1 1/4
DN	25 - 32
Q [m³/h]	≤ 10,8
H [m]	≤ 79,5
p [bar]	≤ 10
T [°C]	≥ -10 - ≤ +60
n [rpm]	≤ 2900

Description:
Multistage, horizontal, close-coupled centrifugal pump
Applications:
Water supply, small pressure booster systems, irrigation, cooling

Frequency inverter

http://shop.ksb.com/catalog/k0/en/product/ES000912

Movitec H(S)I

Rp	1 1/4 - 2
Q [m³/h]	≤ 26,3
H [m]	≤ 195
p [bar]	≤ 25
T [°C]	≥ -20 - ≤ +140
n [rpm]	≤ 2900

Description:
Multistage horizontal high-pressure centrifugal pump
Applications:
Spray irrigation, general irrigation, washing, water treatment, fire-fighting and pressure booster systems, hot water and cooling water recirculation, boiler feed systems, etc.

PumpMeter, PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000927

Movitec

Rp	1 - 2
DN	25 - 125
Q [m³/h]	≤ 160
H [m]	≤ 401
p [bar]	≤ 40
T [°C]	≥ -20 - ≤ +140
n [rpm]	≤ 2900

Description:
Multistage vertical high-pressure centrifugal pump in ring-section design with suction and discharge nozzles of identical nominal diameters arranged opposite to each other (in-line design), close-coupled. ATEX-compliant version available.
Applications:
Spray irrigation, irrigation, washing, water treatment, fire-fighting and pressure booster systems, hot water and cooling water recirculation, boiler feed systems, etc.

PumpMeter, PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000854

Movitec VCI

Rp	1 1/4 - 2
DN	32 - 50
Q [m³/h]	≤ 22,5
H [m]	≤ 249
p [bar]	≤ 25
T [°C]	≥ -10 - ≤ +120
n [rpm]	≤ 2900

Description:
Multistage vertical high-pressure immersion pump for installation on tanks or platforms.
Applications:
Machine tools, industrial machine systems, condensate transport, paint shops.

PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000870

Multitec

DN	32 - 250
Q [m³/h]	≤ 1500
H [m]	≤ 1000
p [bar]	≤ 100
T [°C]	≥ -10 - ≤ +200
n [rpm]	≤ 3500

Description:
Multistage centrifugal pump in ring-section design. Horizontal installation in long-coupled or close-coupled design. Vertical installation in close-coupled design or with universal joint shaft. With either one or two roller bearings. Axial or radial suction nozzle, radial discharge nozzle. Radial suction and discharge nozzles can be turned in steps of 90°. ATEX-compliant and ACS-compliant versions available.
Applications:
Water supply, drinking water supply, industry, pressure boosting, irrigation, power stations, heating systems, filtering systems, fire-fighting systems, reverse osmosis systems, snow-making systems and washing plants, and geothermal systems (re-injection of geothermal water into the aquifer).

PumpMeter, PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000214

Not available for worldwide sale · Factory-automated · Automation available

Axially split pumps

Omega

DN	80 - 350
Q [m³/h]	≤ 2880
H [m]	≤ 210
p [bar]	≤ 25
T [°C]	≥ 0 - ≤ +140
n [rpm]	≤ 2900

Data for 50 Hz operation
Also available for 60 Hz

Description:
Single-stage axially split volute casing pump for horizontal or vertical installation, with double-entry radial impeller, mating flanges to DIN, EN or ASME.
Applications:
Pumping water with a low solids content, e.g. in waterworks, irrigation and drainage pumping stations, extraction duties in desalination systems, power stations, fire-fighting systems, shipbuilding, district heating or cooling.

PumpMeter, PumpDrive

http://shop.ksb.com/catalog/k0/en/product/ES000071

RDLO

DN	350 - 700
Q [m³/h]	≤ 10000
H [m]	≤ 290
p [bar]	≤ 30
T [°C]	≥ 0 - ≤ +140
n [rpm]	≤ 1450

Data for 50 Hz operation
Also available for 60 Hz

Description:
Single-stage axially split volute casing pump for horizontal or vertical installation, with double-entry radial impeller, mating flanges to DIN, EN or ASME.
Applications:
Pumping water with a low solids content, e.g. in waterworks, irrigation and drainage pumping stations, extraction duties in desalination systems, power stations, fire-fighting systems, shipbuilding, district heating or cooling.

PumpMeter, Frequency inverter

http://shop.ksb.com/catalog/k0/en/product/ES000170

RDLP

DN	350 - 1200
Q [m³/h]	≤ 18000
H [m]	≤ 550
p [bar]	≤ 64
T [°C]	≥ 0 - ≤ +80
n [rpm]	≤ 1450

Data for 50 Hz operation
Also available for 60 Hz

Description:
Axially split volute casing pump for horizontal installation, with one, two or three stages and double-entry radial impeller, mating flanges to DIN, ISO or ANSI.
Applications:
Pumping water with a low solids content, e.g. in waterworks and long-distance water supply.

Frequency inverter

http://shop.ksb.com/catalog/k0/en/product/ES000171

Hygienic pumps

Vitachrom

DN	50 - 125
Q [m³/h]	≤ 340
H [m]	≤ 100
p [bar]	≤ 12
T [°C]	≥ -30 - ≤ +110

Data for 50 Hz operation
Also available for 60 Hz

Description:
Service-friendly non-priming, close-coupled single-stage hygienic pump in back pull-out design. The pump features a semi-open impeller and electropolished surfaces. It is very easy to clean by CIP/SIP thanks to its almost complete lack of dead volume or narrow clearances. Its wetted components are made of 1.4404/1.4409 (AISI 316L/CF3M) stainless steel. Vitachrom is EHEDG-certified. All materials comply with FDA standards and EN 1935/2004. ATEX-compliant version available.
Applications:
Hygienic handling of fluids in the food, beverage and pharmaceutical industries and in the chemical industry.

PumpMeter, PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000030

Vitacast

DN	32 - 200
Q [m³/h]	≤ 540
H [m]	≤ 105
p [bar]	≤ 10
T [°C]	≥ -20 - ≤ +140

Data for 50 Hz operation
Also available for 60 Hz
Other ratings possible on request

Description:
Service-friendly volute casing pump with standardised motor. All wetted components are made of 1.4404/1.4409 (AISI 316L/CF3M) stainless steel. Designed with very little dead volume; open impeller, electropolished surface, excellent efficiency. Hygienic design for the highest requirements on cleanability (CIP/SIP-compatible), certified by the TNO Nutrition and Food Research Institute to EHEDG standards. All materials comply with FDA standards and EN 1935/2004. ATEX-compliant version available.

Applications:
Hygienic handling of fluids in the food, beverage and pharmaceutical industries as well as in the chemical industry.

PumpMeter, PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000785

Vitacast Bloc

DN	25 - 150
Q [m³/h]	≤ 340
H [m]	≤ 105
p [bar]	≤ 10
T [°C]	≥ -30 - ≤ +140

Data for 50 Hz operation
Also available for 60 Hz
Other ratings possible on request

Description:
Service-friendly volute casing pump with standardised motor. All wetted components are made of 1.4404/1.4409 (AISI 316L/CF3M) stainless steel. Designed with very little dead volume; open impeller, electropolished surface, excellent efficiency. Hygienic design for the highest requirements on cleanability (CIP/SIP-compatible), certified by the TNO Nutrition and Food Research Institute to EHEDG standards. All materials comply with FDA standards and EN 1935/2004. Trolley available among other accessories. ATEX-compliant version available.

Applications:
Hygienic handling of fluids in the food, beverage and pharmaceutical industries and in the chemical industry.

PumpMeter, PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000785

Vitaprime

DN	40 - 80
Q [m³/h]	≤ 58
H [m]	≤ 45
p [bar]	≤ 10
T [°C]	≥ -20 - ≤ +100

Data for 50 Hz operation
Also available for 60 Hz
Other ratings possible on request

Description:
Service-friendly (self-priming) side channel pump in close-coupled design with a standardised motor. All wetted components are made of 1.4404/1.4409 (AISI 316L/CF3M) stainless steel. Hygienic design for the highest requirements on cleanability (CIP/SIP-compatible). All materials comply with FDA standards and EN 1935/2004. Trolley available among other accessories. ATEX-compliant version available.

Applications:
Hygienic handling of fluids in the food, beverage and pharmaceutical industries and in the chemical industry.

PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000787

Vitastage

Q [m³/h]	≤ 12,5
H [m]	≤ 150
p [bar]	≤ 16
T [°C]	≥ -20 - ≤ +140

Data for 50 Hz operation
Also available for 60 Hz
Other ratings possible on request

Description:
Multistage centrifugal pump in close-coupled design for vertical or horizontal installation. All wetted components are made of 1.4401/1.4408 (AISI 316/CF8M) stainless steel. Versatile, robust and especially energy-efficient. CIP/SIP-compatible. All materials comply with FDA standards and EN 1935/2004. Trolley also available among other accessories.

Applications:
Processes with hygienic requirements in the food and beverage industries and in the chemical industry.

http://shop.ksb.com/catalog/k0/en/product/ES000788

Vitalobe

DN	25 - 200
Q [m³/h]	≤ 342
H [m]	≤ 200
p [bar]	≤ 20
T [°C]	≥ -40 - ≤ +180
Viscosity [cP]	≤ 200000

Data for 50 Hz operation
Also available for 60 Hz
Other ratings possible on request

Description:
Sturdy rotary lobe pump in hygienic design, bi-directional operation possible, horizontal or vertical orientation of connections. Hygienic design, highly CIP/SIP-compatible due to its almost complete lack of dead volume or narrow clearances. All wetted components made of 1.4404/1.4409 (AISI 316L/CF3M) stainless steel; various rotor types, shaft seals and process connections available. Installed as a pump set with geared standardised motor. Vitalobe is EHEDG-certified. The pump elastomers comply with FDA standards and EN 1935/2004. Accessories include trolley, heatable casing or casing cover and overpressure protection unit. ATEX-compliant version is available.

Applications:
Hygienic and gentle handling of sensitive or high-viscosity fluids in the food, beverage and pharmaceutical industries, the chemical industry and general process engineering.

http://shop.ksb.com/catalog/k0/en/product/ES000847

Not available for worldwide sale · Factory-automated · Automation available

Pumps for power station conventional islands

CHTA / CHTC / CHTD

DN	100 - 500
Q [m³/h]	≤ 3700
H [m]	≤ 5300
p [bar]	≤ 560
T [°C]	≤ +210
n [rpm]	≤ 6750

Also available for 60 Hz

Higher ratings possible upon request

Description:
Horizontal high-pressure barrel-type pumps with radial impellers, single-entry and double-entry, multistage, with flanges or weld end nozzles to DIN and ANSI.

Applications:
Pumping feed water and condensate in power stations and industrial plants, generation of pressurised water for bark peeling and descaling units.

http://shop.ksb.com/catalog/k0/en/product/ES000239

HGB / HGC / HGD

DN	40 - 400
Q [m³/h]	≤ 2300
H [m]	≤ 5300
p [bar]	≤ 560
T [°C]	≤ +210
n [rpm]	≤ 7000

Also available for 60 Hz

Higher ratings possible upon request

Description:
Horizontal radially split ring-section pump with radial impellers, single-entry or double-entry, multistage.

Applications:
Pumping feed water and condensate in power stations and industrial plants, pressurised water generation for bark peeling and descaling units, snow guns, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000233

HGM

DN	25 - 125
Q [m³/h]	≤ 350
H [m]	≤ 1400
p [bar]	≤ 140
T [°C]	≤ +160
n [rpm]	≤ 3600

Also available for 60 Hz

Higher ratings possible upon request

Description:
Horizontal radially split product-lubricated multistage ring-section pump with radial impellers, axial and radial single-entry inlet.

Applications:
Pumping feed water in power stations, boiler feed systems and condensate transport in industrial plants.

http://shop.ksb.com/catalog/k0/en/product/ES000236

YNK

DN	125 - 600
Q [m³/h]	≤ 4500
H [m]	≤ 370
p [bar]	≤ 40
T [°C]	≤ +210
n [rpm]	≤ 1800

Higher ratings possible upon request

Description:
Horizontal radially split single-stage double-entry boiler feed booster pump (booster system) with cast steel single or double volute casing.

Applications:
Pumping feed water in power stations and industrial plants.

http://shop.ksb.com/catalog/k0/en/product/ES000181

LUV / LUVA

DN	100 - 550
Q [m³/h]	≤ 7000
H [m]	≤ 300
p [bar]	≤ 400
T [°C]	≤ +425
n [rpm]	≤ 3600

Data for 50 Hz operation

Also available for 60 Hz

Description:
Vertical spherical casing pump, radial impellers, single-entry, single- to three-stage. Suitable for very high inlet pressures and temperatures. Integrated wet winding motor to VDE. Product-lubricated bearings, no need for oil supply systems. Design to TRD, ASME or IBR.

Applications:
Hot water recirculation in forced-circulation, forced-flow and combined-circulation boilers for very high pressures and in solar power towers.

http://shop.ksb.com/catalog/k0/en/product/ES000183

WKTB

DN	150 - 300
Q [m³/h]	≤ 1500
H [m]	≤ 370
p [bar]	≤ 40
T [°C]	≤ +140
n [rpm]	1500

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical can-type ring-section pump, underfloor installation on base frame, multistage, first-stage impeller designed as a double-entry suction impeller, radial impellers. Flanges to DIN or ANSI.
Applications:
Pumping condensate in power stations and industrial plants.

http://shop.ksb.com/catalog/k0/en/product/ES000506

SEZ / SEZT / PHZ / PNZ

Q [m³/h]	≤ 80000
H [m]	≤ 120
T [°C]	≤ +40
n [rpm]	≤ 980

Data for 50 Hz operation
Also available for 60 Hz
Higher ratings possible upon request

Description:
Vertical tubular casing pump with open mixed flow impeller (SEZ), mixed flow propeller (PHZ) or axial propeller (PNZ), pump inlet with bellmouth or suction elbow, pull-out design available, discharge nozzle arranged above or below floor level, flanges to DIN or ANSI standards available.
Applications:
Pumping raw, clean, service and cooling water in industry, water supply systems, power stations and seawater desalination plants.

http://shop.ksb.com/catalog/k0/en/product/ES000173

SNW / PNW

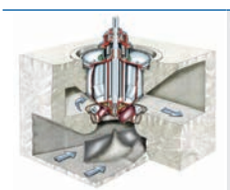
DN	350 - 800
Q [m³/h]	≤ 9000
H [m]	≤ 50
p [bar]	≤ 10
T [°C]	≤ +60
n [rpm]	≤ 1500

Data for 50 Hz operation
Also available for 60 Hz
Higher ratings possible upon request

Description:
Vertical tubular casing pump with mixed flow impeller (SNW) or axial propeller (PNW), single-stage, with maintenance-free Residur bearings, discharge nozzle arranged above or below floor level.
Applications:
Irrigation and drainage systems, stormwater pumping stations, pumping raw and clean water, water supply, cooling water.

http://shop.ksb.com/catalog/k0/en/product/ES000176

Beveron



Q [m³/s]	≤ 30
H [m]	≤ 27

Data for 50 Hz operation
Also available for 60 Hz
Higher ratings possible upon request

Description:
Concrete volute casing pump with mixed flow impeller, single-stage, with zero-maintenance lubricant-free Residur bearings.
Applications:
Coast protection and flood control, irrigation and drainage, low-lift pumping stations, reservoir filling, cooling water, raw and clean water.

http://shop.ksb.com/catalog/k0/en/product/ES000868

SPY

DN	350 - 1200
Q [m³/h]	≤ 21600
H [m]	≤ 50
p [bar]	≤ 10
T [°C]	≤ +105
n [rpm]	≤ 1480

Data for 50 Hz operation
Also available for 60 Hz
Higher ratings possible upon request

Description:
Long-coupled volute casing pump, single-stage, in back pull-out design.
Applications:
Irrigation, drainage and water supply systems, for pumping condensate, cooling water, service water, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000422

Pumps for nuclear power stations

RER

DN	≤ 800
Q [m³/h]	≤ 40000
H [m]	≤ 140
p [bar]	≤ 175
T [°C]	≤ +350
n [rpm]	≤ 1800

Available for 50 Hz and 60 Hz

Higher ratings possible upon request

Description:
Vertical, single-stage reactor coolant pump with forged circular casing plated on the inside, with diffuser, either with integrated pump thrust bearing or shaft supported by motor bearing.
Applications:
Reactor coolant recirculation in nuclear power stations.

http://shop.ksb.com/catalog/k0/en/product/ES000144

RSR

DN	≤ 750
Q [m³/h]	≤ 24000
H [m]	≤ 215
p [bar]	≤ 175
T [°C]	≤ +350
n [rpm]	≤ 1800

Available for 50 Hz and 60 Hz

Higher ratings possible upon request

Description:
Vertical single-stage reactor coolant pump with cast or forged casing, shaft supported by motor bearing.
Applications:
Reactor coolant recirculation in nuclear power stations.

http://shop.ksb.com/catalog/k0/en/product/ES000146

RUV

DN	≤ 650
Q [m³/h]	≤ 22000
H [m]	≤ 111
p [bar]	≤ 155
T [°C]	≤ +350
n [rpm]	≤ 1800

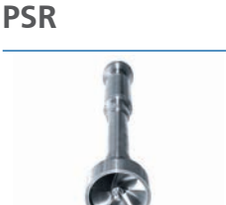
Available for 50 Hz and 60 Hz

Higher ratings possible upon request

Description:
Vertical, single-stage reactor coolant pump. Seal-less design with integrated wet rotor motor and integrated flywheel. Product-lubricated bearings, no oil supply systems required.
Applications:
Reactor coolant recirculation in generation III+ nuclear power stations.

http://shop.ksb.com/catalog/k0/en/product/ES000848

PSR



DN	≤ 600
Q [m³/h]	≤ 9000
H [m]	≤ 45
p [bar]	≤ 75
T [°C]	≤ +300
n [rpm]	≤ 2000

Available for 50 Hz and 60 Hz

Higher ratings possible upon request

Description:
Vertical pump set integrated in the reactor containment floor, seal-less pump with leak-free, low-maintenance wet rotor motor.
Applications:
Reactor coolant recirculation in boiling water reactors.

http://shop.ksb.com/catalog/k0/en/product/ES000150

RHD

DN	125 - 500
Q [m³/h]	≤ 6500
H [m]	≤ 1000
p [bar]	≤ 150
T [°C]	≤ +210
n [rpm]	≤ 6500

Available for 50 Hz and 60 Hz

Higher ratings possible upon request

Description:
Horizontal single-stage double-entry main feed water pump MFWP, cast or forged variant.
Applications:
Main feed water supply (MFWS) in steam generation systems of nuclear power stations.

http://shop.ksb.com/catalog/k0/en/product/ES000138

LUV Nuclear

DN	40 - 600
Q [m³/h]	≤ 7000
H [m]	≤ 300
p [bar]	≤ 320
T [°C]	≤ +430

Data for 50 Hz operation
Also available for 60 Hz

Description:
Vertical pump with integrated motor, single-entry, single- to three-stage. Suitable for very high inlet pressures and temperatures. Integrated wet winding motor to VDE. Product-lubricated bearings, no oil supply systems required. Design to ASME Section 3, KTA, etc.
Applications:
As reactor water clean-up pump in boiling water reactors, reactor coolant pump in boiling water and pressurised water reactors and recirculation pump in test facilities.

http://shop.ksb.com/catalog/k0/en/product/ES000855

RHM

DN	≤ 150
Q [m³/h]	≤ 300
H [m]	≤ 2100
p [bar]	≤ 220
T [°C]	≤ +180
n [rpm]	≤ 8000

Available for 50 Hz and 60 Hz
Higher ratings possible upon request

Description:
Horizontal multistage barrel pull-out pump.
Applications:
Core flooding, emergency cooling and residual heat removal systems, chemical and volume control systems, control rod drive systems, high-pressure and medium-pressure safety injection systems, emergency feed water systems, start-up and shut-down feed water systems, high-pressure charging.

http://shop.ksb.com/catalog/k0/en/product/ES000245

RVM

DN	≤ 85
Q [m³/h]	≤ 50
H [m]	≤ 2000
p [bar]	≤ 200
T [°C]	≤ +100
n [rpm]	≤ 6000

Available for 50 Hz and 60 Hz
Higher ratings possible upon request

Description:
Vertical multistage barrel pull-out pump.
Applications:
Core flooding, emergency cooling and residual heat removal systems, chemical and volume control systems, high-pressure and medium-pressure safety injection systems.

http://shop.ksb.com/catalog/k0/en/product/ES000243

RHR

DN	≤ 500
Q [m³/h]	≤ 6000
H [m]	≤ 190
p [bar]	≤ 63
T [°C]	≤ +200
n [rpm]	≤ 3600

Available for 50 Hz and 60 Hz

Description:
Horizontal annular casing pump with forged or cast pressure boundary and diffuser.
Applications:
Core flooding, emergency cooling and residual heat removal systems, ancillary systems, acid feed system and low-pressure injection system, component cooling water systems.

http://shop.ksb.com/catalog/k0/en/product/ES000140

RVR

DN	≤ 500
Q [m³/h]	≤ 6000
H [m]	≤ 190
p [bar]	≤ 63
T [°C]	≤ +200
n [rpm]	≤ 3600

Available for 50 Hz and 60 Hz

Description:
Vertical annular casing pump with forged or cast pressure boundary and diffuser.
Applications:
Core flooding, emergency cooling and residual heat removal systems, ancillary systems, acid feed system and low-pressure injection system, component cooling water systems.

http://shop.ksb.com/catalog/k0/en/product/ES000142

Pumps for desalination by reverse osmosis

HGM-RO

DN	65 - 250
Q [m³/h]	≤ 1500
H [m]	≤ 950
p [bar]	≤ 120
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 3600

Also available for 60 Hz

Description:
Horizontal radially split product-lubricated multistage ring-section pump with radial impellers and plain bearings, axial and radial single-entry inlet. Duplex stainless steel variant or super duplex stainless steel variant, also suitable for chilled water applications.

Applications:
High-pressure pump for RO seawater desalination systems

http://shop.ksb.com/catalog/k0/en/product/ES000237

Multitec-RO

DN	50 - 150
Q [m³/h]	≤ 850
H [m]	≤ 1000
p [bar]	≤ 100
T [°C]	≥ -10 - ≤ +45
n [rpm]	≤ 3500

Data for 50 Hz operation

Also available for 60 Hz

Description:
Horizontal, multistage centrifugal pump in ring-section design. Axial suction nozzle. Discharge nozzle can be turned in steps of 90°. Closed radial impellers. Made of duplex or super-duplex stainless steel.

Applications:
High-pressure pump for RO seawater desalination systems and geothermal systems (re-injection of geothermal water into the aquifer).

PumpDrive, KSB SuPremE

http://shop.ksb.com/catalog/k0/en/product/ES000508

Positive displacement pumps

RC / RCV

DN	20 - 100
Q [m³/h]	≤ 78
H [m]	≤ 100
p [bar]	≤ 10
T [°C]	≥ +5 - ≤ +80
n [rpm]	≤ 1500

Data for 50 Hz operation

Also available for 60 Hz

Description:
Helical gear pump, self-priming, with bypass valve, close-coupled design, for horizontal installation with baseplate or vertical installation. With mechanical seal.

Applications:
Fuel feed, handling fuel, lubricating oil and viscous fluids, lubrication systems.

http://shop.ksb.com/catalog/k0/en/product/ES000744

Fire-fighting systems

EDS

DN	32 - 300
Q [m³/h]	≤ 840
H [m]	≤ 140
p [bar]	≤ 16
T [°C]	≥ +5 - ≤ +50
n [rpm]	≤ 3000

Data for 50 Hz operation

Also available for 60 Hz

Description:
Automatic fire-fighting system consisting of a jockey pump and one or several duty pumps, with electric motor or diesel engine. Includes manifold, valves, accessories and control unit. To EN 12845, CEA 4001, UNE-23500, NFPA-20, etc.

Applications:
Office buildings, hotels, industry, shopping malls, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000726

DU / EU

DN	32 - 350
Q [m³/h]	≤ 2500
H [m]	≤ 150
p [bar]	≤ 25
T [°C]	≥ +5 - ≤ +50
n [rpm]	≤ 3000

Data for 50 Hz operation
Also available for 60 Hz

Description:
Automatic fire-fighting system consisting of pumps with electric motor or diesel engine and control unit. To EN 12845, CEA 4001, UNE-23500, NFPA-20, FM, etc.

Applications:
Office buildings, hotels, industry, shopping malls, etc.

http://shop.ksb.com/catalog/k0/en/product/ES000727

Control units

Controlmatic E

No. of pumps	≤ 1
U [V]	1~230

Description:
Automatic control unit for pressure-controlled starting, flow-controlled stopping and monitoring of a single pump

Applications:
In water supply systems in combination with Multi Eco, Ixo, UPA 100C.

http://shop.ksb.com/catalog/k0/en/product/ES000276

Controlmatic E.2

No. of pumps	≤ 1
U [V]	1~230

Description:
Automatic control unit for pressure-controlled starting, flow-controlled stopping and monitoring of a single pump

Applications:
In water supply systems in combination with Multi Eco, Ixo, UPA 100C.

http://shop.ksb.com/catalog/k0/en/product/ES000276

Cervomatic EDP.2

No. of pumps	≤ 1
U [V]	1~230 / 3~400

Description:
Automatic control unit for pressure-controlled starting and either pressure-controlled or flow-controlled stopping and monitoring of a single pump.

Applications:
Use in water supply systems with pumps of the Multi Eco, Ixo, UPA 100C and UPA 150C type series with single-phase or three-phase motors.

http://shop.ksb.com/catalog/k0/en/product/ES000275

LevelControl Basic2

No. of pumps	≤ 2
P [kW]	≤ 22
U [V]	1~230 / 3~400

Higher ratings and other mains voltages available on request

Description:
Level control unit for controlling and protecting either one or two pumps. DOL starting up to 4 kW, star-delta starting up to 22 kW. Higher ratings on request.

Applications:
Tank drainage via float switches, digital switches, 4...20 mA, pneumatic (w/o compressor) or bubbler system in building services and waste water applications. Tank filling using float switches, digital switches or 4...20 mA in building services and water supply applications.

http://shop.ksb.com/catalog/k0/en/product/ES000603

UPA Control

No. of pumps	≤ 1
P [kW]	3
U [V]	1~230 / 3~400

Description:
The KSB switchgear is suitable for level control and protection of submersible borehole pumps, submersible motor pumps and dry-installed pumps with single-phase AC motors 1~ 230 V or three-phase motors 3~ 230 / 400 V / 50 Hz. The motor is started DOL. Enclosure: IP56, dimensions: 205 × 255 × 170 mm (H × W × D).

Applications:
Irrigation and filling or draining tanks in water supply applications in combination with 4" and 6" pumps.

http://shop.ksb.com/catalog/k0/en/product/ES000006

Hyatronic N

No. of pumps	≤ 6
P [kW]	22
U [V]	3~400

Higher ratings and other mains voltages available on request

Description:
Pump control system in control cabinet for cascade starting and stopping of up to 6 pumps on the mains.

Applications:
For draining tanks and sumps in drainage and waste water disposal applications. For filling tanks in water supply applications. Level measurement via float switch or 4...20 mA sensor.

http://shop.ksb.com/catalog/k0/en/product/ES000303

Monitoring and diagnosis

Amacontrol

No. of pumps	≤ 1
Pump	Amacan
V [V AC]	230

Description:
Monitoring system for submersible motor pumps, with tripping function.

Not available for worldwide sale

Legal information/Copyright

Product Portfolio Pumps ı Automation

Technology that **makes its mark**

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