150 YEARS
People. Passion. Performance.

KSB

KSB News

Newsletter for KSB customers and partners in Indonesia

KSB FlowManager App Simplifying your pump operation

Digitalization has taken root in every branch of industry and is well underway around the world. The free pump app, KSB FlowManager, brings the pump to your smartphone, enabling easy configuration and operation of PumpDrive or MyFlow Drive.

The KSB FlowManager app gives you an overview of all important parameters and information relating to your pump – directly on your mobile device. Thanks to direct settings options, it also gives you complete control. It easily operates and optimally adjusts the PumpDrive 2 variable speed system or sets the fixed speed of MyFlow Drive to the best efficiency point.

The benefits of using the app are quick and easy adjustment of your system's optimum speed via smartphone, demand-driven operation enables energy-efficient and reliable pump operation, as well as excellent economic efficiency due to lower energy and life cycle costs of pumps.

You can download the KSB FlowManager app free of charge for your smartphone or tablet. The pump app is available for Android and Apple devices.

GET IT ON Google Play

Download on the App Store

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Management's note

We share the first edition of this year's newsletter to stay connected with you, our customers and partners. Interesting articles are available for you including the comprehensive valve portfolio for energy applications, supervision of installation and commissioning by our SupremeServ team, and our most standardized pump, Etanorm, manufactured to specific customer requirements.

We are pleased to support South Pacific Viscose's raw material processing in the textile industry with optimized and environmentally friendly solution. We are thrilled to inform you that our factory and service workshop expansion has been completed as part of our commitment to ensure customer satisfaction and deliver service excellence to our customers and partners in Indonesia.

Your positive feedbacks are welcome for the continuous improvement, enjoy reading this newsletter!

Philippe Olivier
President Director
PT KSB Indonesia & PT KSB Sales Indonesia

KSB SupremeServ
The reliable partner for pump installation and commissioning

The expert installation and commissioning of your pumps is the first step toward successful system operation. Ensuring an orderly start-up without delays can save you both trouble and costs. Our supervisors manage the installation of single pump sets as well as large systems (for example, for seawater desalination) or pumping stations worldwide.

KSB's services include the entire setting-up process and cover everything you need for a smooth start from the word go – from pump and valve erection, installation, commissioning and alignment to automation. KSB also offers test runs and instruction of your personnel. This service is available for both KSB and non-KSB products.

Our service covers inspection of the supplied pumps, valves, verification of system requirements and conditions, implementation or supervision of all installation steps, leak tests, correct alignment of the pump sets by means of the latest laser equipment, checking of installed measuring equipment, supervision of commissioning, test runs and trial operations including records of the operating data, instruction of operating staff, and preservation measures taken in the event of delayed commissioning.

Please contact our 24/7 hotline service: 0811 940 2853 (Jakarta) and 0811 940 2547 (Kalimantan) or drop us an email to: IDSupremeServ@ksb.com for further assistance.

Innovative solutions for energy applications by our wide range of valves

Our valves and pumps are used in all areas of the energy industry today, for fossil-fuelled power plants, nuclear power plants, renewable energies such as biomass power plants, and waste-to-energy plants for producing electricity and district heat. Efficiency and reliability are the key features of our valve portfolio. Energy suppliers also numerous other benefits offered by our technologies.

The valve portfolio includes KSB ISORIA and Mammouth, centered-disc butterfly valve, water, lug, flanged/U-section body, elastomer liner, dry shaft design only disc & linear in contact with fluid, actuator using manual lever, gearbox, pneumatic, electric, hydraulic or counterweight actuator and connections to EN, ASME or JIS with maximum nominal size: DN 4000 while our ZTS Gate valve to DIN/EN or ANSI/ASME with butt weld ends, pressure seal design, billet-forged body, seat/disc interface made of wear and corrosion resistant Stellite, split wedge with flexibly mounted discs for precise alignment with the body seats and STAAL gate valve to DIN/EN with flanged ends (AKD) or butt weld ends (AKDS), with bolted bonnet, body of forged or welded construction, non-rotating stem, split wedge with flexibly mounted discs for precise alignment with the body seats. Seat/disc interface made of wear

and corrosion resistant 17 % chrome steel or Stellite. Also, our NORI globe valve to DIN/EN with flanged, butt weld or socket weld ends, gland packing, throttling plug, non-rotating stem, bayonet-type body/yoke connection, integrated position indicator, seat/disc interface made of Stellite with Max. allowed fluid temperature: 580 °C.

Our wide range valves also include KSB MIL globe control valves are used to control the media for general application as well as severe application with pressure range from class 150 to 4500 while our SISTO diaphragm valve to DIN/EN with flanged ends or threaded socket ends, in straight-way pattern; shut-off and sealing to atmosphere by supported and confined diaphragm; body with coating or lining. All moving parts are separated from the fluid by the diaphragm and maintenance-free. Valves and pumps from KSB ensure smooth operation in power stations around the world. We have proven field experience of supplying various types of valves on power plants across Indonesia.

Please contact our valve sales team for more info: https://bit.ly/KSBValveContact

KSB supports SPV in optimizing raw material process and protecting the environment

Indonesia is among the top 10 textile-producing nations in the world and the 12th largest textile as well as apparel exporter. The textile and textile products industry is very crucial for the Indonesian economy due to one of the country's biggest foreign exchanges earned from the industry, jobs provided to more than 3.7 million Indonesian and nearly 70% contribution to GDP's country within the industry.

PT South Pacific Viscose (SPV), a part of The Lenzing Group located in Purwakarta, Indonesia, has been a producer of viscose staple fibers and sodium sulfate since 1982. During these 40 years in business, SPV works together with Indonesian textile producers and plays a leading role in the growth of the Indonesian textile industry. SPV is the first company to introduce high tenacity viscose fibers for textile and nonwovens applications to the Indonesian market.

High-quality viscose fibers by SPV and its close partnership with Indonesian textile producers make an enormous contribution to positioning Indonesian yarns, fabrics, and apparel in the premium segment of global textile markets. Apart from producing fiber and sodium sulfate, SPV also generates its own power and a range of raw materials, including carbon disulfide and sulphuric acid.

KSB has supplied 13 units of Magnochem MACD, chemical magnetic drive pumps, for the SPV's Natural Gas Based Carbon Disulfide Plant (NGBC Plant) and Carbon Disulfide Absorption Plant (CAP Plant). KSB Magnochem pumps are horizontal seal-less volute casing pumps in back pull-out design, with magnetic drive, to DIN EN ISO 2858 / ISO 5199, with radial impeller, single-entry, single-stage, suitable for aggressive fluids transfer in the chemical, petrochemical, and general industries with high operating reliability which only static sealing elements are required and optional leakage barrier.

Last year, KSB Indonesia SupremeServ team has successfully supervised the installation and commissioning at the NGBC Plant, which specifically produces carbon disulfide as a raw material for making viscose solutions. KSB Magnochem MACD pumps has been installed at the NGBC Plant as cooling water pump, column reflux pump and finished product pump for viscose raw material. Later this year, KSB will manage the supervision of installation and commissioning of Magnochem MACD pumps as carbon disulfide transfer pumps at the CAP Plant which expected to minimize the air pollution within the surrounding areas.

KSB is pleased to support SPV in optimizing pump efficiency by providing high-quality, reliable products with energy-efficient designs as well as in an effort to protect the environment.

Feel free to reach out to our General Industry sales team for further details: https://bit. ly/KSB_Kontak
Find out more about Magnochem MACD: http://bit.ly/KSB_Magnochem

Etanorm - The mother of all standardized pumps

Eta is known for its excellent efficiency. It also stands for high quality, enormous versatility, and absolute reliability. Around the globe 1.5 million Eta pumps are in use today. What is remarkable: Each individual Eta pump is manufactured to specific customer requirements.

In 1935, KSB launched the first in the Eta series, an energy efficient, single stage volute casing pump. Due to its outstanding efficiency, the type series is given the name Eta: The Greek letter stands for efficiency in the technical field. The name Eta is and remains a generic term for standardized water pumps.

Whether it be water supply, cooling water, fire-fighting systems, spray irrigation, service water, condensate pumping, or heating and air conditioning – Eta is in use around the world, ensuring water is on the move in millions of applications. With over 100,000 units sold per year, Eta pumps are available in 43 different sizes and are the company's most successful product.

KSB Etanorm is one of the standardized water pumps (to EN 733) of the Eta pump family. Its reliability and economical operation are what make the Etanorm pump a popular choice for various applications. When it comes to energy efficiency, KSB always goes the extra mile. The understandable demand to save energy has greatly influenced our recent development.

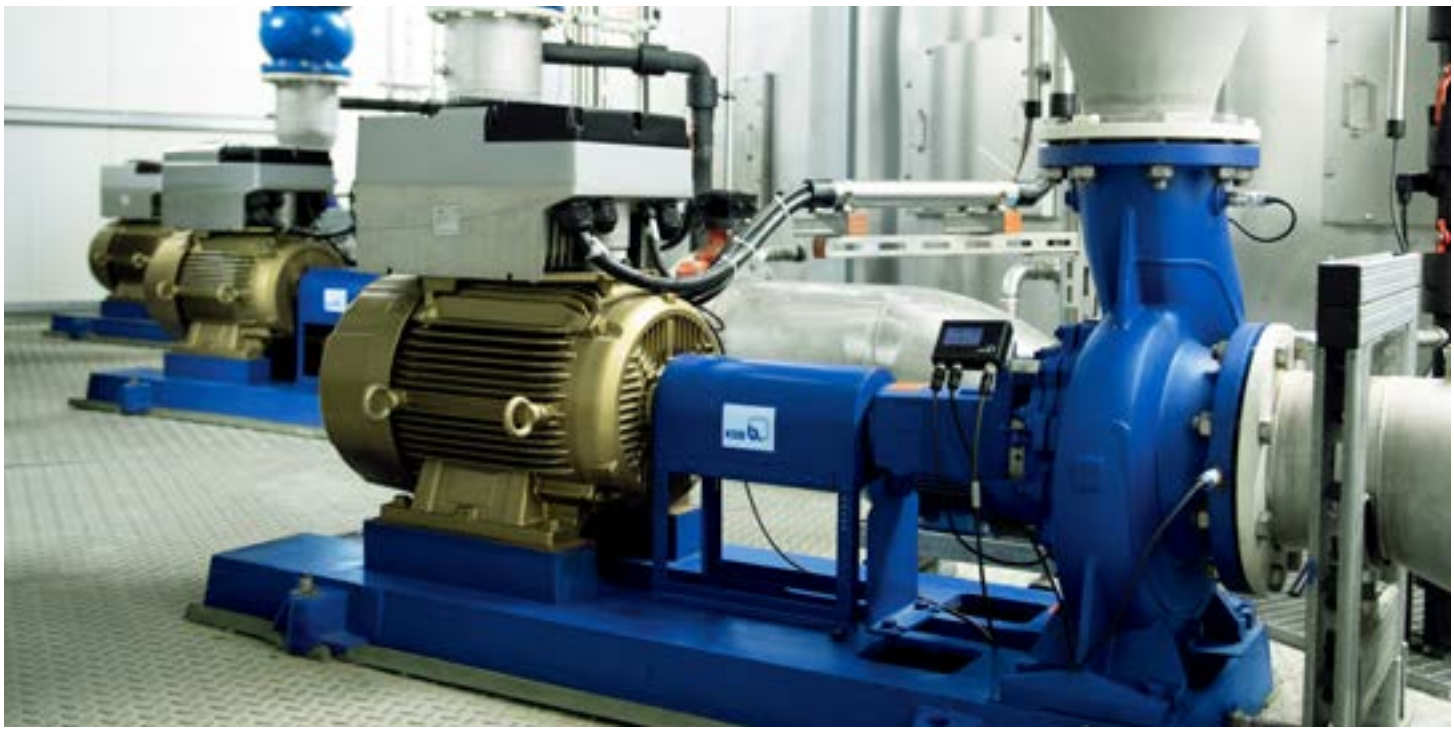
Etanorm's outstanding hydraulic design achieves excellent efficiency rates allowing substantial energy savings. We can also optimize the energy efficiency of an entire hydraulic system via our FluidFuture® energy savings concept.

Etanorm is fitted with an impeller trimmed precisely to the optimum operating point; offering impeller trimming as standard allows significant energy savings resulting in markedly reduced operational costs. Etanorm also features extremely high-efficiency levels of up to 80% and improved NPSH values achieved via CFD, and impeller hydraulic design verified through experimental testing. With the flushing channel positioned on the rear side, Etanorm benefits from a hydraulically optimized design that contributes to improved efficiency.

The most substantial savings are achieved by combining Eta pumps with the KSB SuPremE® IE5* motor, a highly efficient magnetless pump motor, and the PumpDrive variable speed system. Etanorm is equipped with Pump Drive for variable-speed operation, such as KSB PumpDrive 2, KSB PumpDrive 2 Eco, and PumpDrive R variable speed system. KSB Etanorm combined with the KSB SuPremE® IE5* motor: With its optimized hydraulic design, the efficient standardized water pump in long-coupled design can save up to 7000 kW/h of energy a year. IE5 is in accordance with IEC/TS 60034-30-2 up to 15/18.5 kW (only for 1500 rpm types rated 0.55 kW, 0.75 kW, 2.2 kW, 3 kW, 4 kW: IE5 in preparation).

In Indonesia, KSB Etanorm are in use for various applications such as industry, building, energy, clean water supply, distribution, utility, transfer, desalination, fire-fighting systems, cooling water/ chiller systems, and other applications. We provide local assembly and continually improve the development to meet customer demands as well as explore potential for energy saving at the optimized level.

Contact us: https://bit.ly/KSB_Kontak and
Learn more: https://bit.ly/KSBEtanorm



KSB Indonesia's factory and service workshop expansion

KSB Indonesia's factory and service workshop extension located at MM2100 Industrial Estate, Cibitung has reached completion. It includes the service workshop's expansion nearly 3 times larger than previous area, assembly area, a new sandblast room and painting booth room as well as two floors of SupremeServ office completed with 2.000 m2 service workshop area.

We strive in optimizing the renewable energy through solar panel system to generate electricity for office, factory, and service workshop with a total capacity of 250 kWp.

The factory and service workshop expansion are part of our commitment in business development by increasing the production capacity and delivering service excellence to our valuable customers as well as partners especially for after-sales support.

Quiz

Answer the following question and win the prize from KSB Indonesia:
Please state KSB pumps type installed at SPV's plant in Indonesia
Send your answer by August 26th, 2022, via e-mail: IDmarcomm@ksb.com along with your address and phone number for the gift delivery.
Get 5 units of exclusive KSB tumblers and pens for 5 lucky winners.

Feedback

To improve this newsletter continually, please send your feedback and suggestions to IDmarcomm@ksb.com and get an attractive Polo Shirt and exclusive KSB tumbler for 3 best feedbacks.

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Secure Building Block B, 3 Floor, Jl. Raya Protokol Halim Perdanakusuma, Jakarta 13610 Indonesia Tel: +62 21 80886509 E-mail: IDmarcomm@ksb.com
Head office, factory & service, Jl. Timur Blok D2-1 Kawasan Industri MM-2100 Cibitung, 17520 ksb.com/en-id