

COMPLETE STAINLESS STEEL VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

KI Series - EVS Series





Experience

With more than 47 years of R&D, production and installation experience in the pump technologies field coupled with expert sales and after-sales services, we protect you and your investments without sacrificing quality. Under the ETNA brand, we offer comprehensive solutions for building pump systems with an extensive product range. Our offerings include wet and dry rotor circulation pumps, horizontal end-suction centrifugal pumps, and vertical multistage centrifugal pumps. We also manufacture double-suction split-case centrifugal pumps, and sewage and drainage lifting stations. The product line extends to booster systems designed for residential and commercial buildings, residential fire booster systems, and mobile fire extinguishing and flood discharging pumps. Furthermore, we provide UL listed and FM approved fire pumps which comply with TS EN 12845 and NFPA 20 standards, ensuring complete solutions for all building pump system requirements.

Green Engineering

By combining advanced pump features with cutting-edge technology, we offer high-quality, reliable, energy-efficient, and environmentally conscious products to the industry and end users.

Operating with the vision of offering sustainable products, ETNA products are preferred and used reliably in many prestigious projects in both Türkiye and many countries around the world..



Quality Management

Quality assurance in our manufacturing process encompasses comprehensive monitoring from raw material selection through final production. Our rigorous quality control system ensures all intermediate and finished products meet precise tolerance specifications, maintaining consistent excellence throughout the entire production cycle. ETNA ensures precision machining and measurements through its advanced lathe, milling, and CNC machinery facilities. Before delivery, each product undergoes comprehensive quality verification to meet specified tolerances, followed by rigorous electrical and hydrostatic testing protocols. Only after passing these stringent quality controls are products released to our customers.

The KI & EVS series centrifugal pumps combine advanced technology, efficiency, durability, and ease of maintenance in a single integrated solution.

- High efficiency pumps with compact construction and featuring AISI304 grade stainless steel on all wet surfaces.
- Highly efficient operation thanks to AISI304 grade stainless steel pump impeller and diffuser and advanced hydraulic design.
- Superior manufacturing quality guarantees exceptional resistance against corrosion, wear and tear.

KI Series

High efficiency pumps with compact and quality construction featuring AISI304 grade stainless steel on all wet surfaces. Features in-line (on the same axis) suction-discharge connections.



Fields of Use

- Water treatment systems
- Pressurized water supply in residential and commercial buildings
- Garden irrigation systems
- Agricultural irrigation systems
- Industrial applications
- Water treatment systems
- Clean water transfer

Pump Features

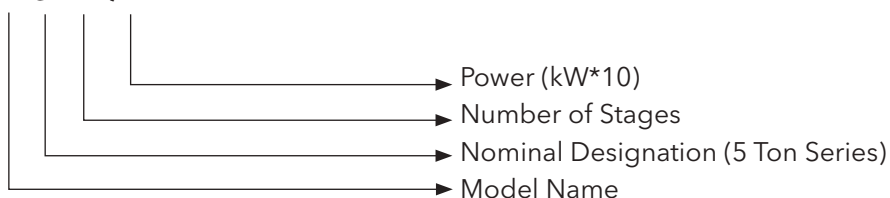
- Pump Casing : AISI304 Stainless Steel
- Impeller & Diffuser : AISI304 Stainless Steel
- Pump Shaft : AISI316 Stainless Steel
- Mechanical Seal : Sic/Carbon + Sic/Carbon + FKM + 304

Technical Specifications

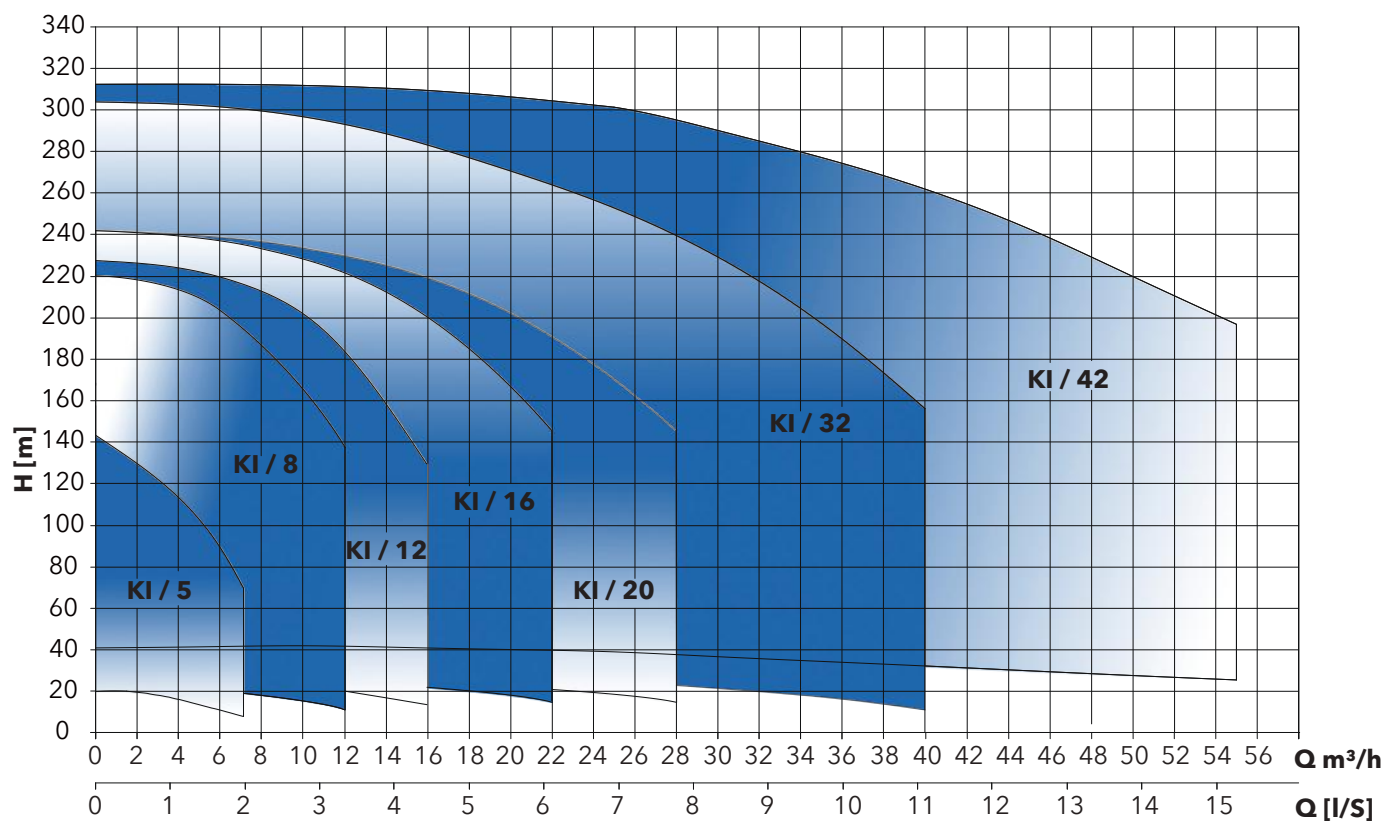
- Maximum Flow Rate : 55 m³/h
- Maximum Pressure : 312 mwc
- Connection Diameter : DN25 & DN50
- Pressure Class : Max. 32 bars
- Maximum Ambient Temperature : 40°C
- Fluid Temperature : -15°C/120°C
- Fluid Quality : Clean, solid particle-free, chemically neutral water
- Number of Revolutions: 2900 rpm
- Electrical Supply : 3*400V - 50 Hz
- Motor Power : 0.75 - 45 kW
- Motor Protection Class : IP55
- Insulation Class : F

Identification Code

KI 5 11 / 22



KI Series Product Family Curve



EVS Series

High quality pumps with compact construction and high efficiency with AISI304 grade stainless steel on all wet surfaces. Features in-line (on the same axis) suction-discharge connections.



Fields of Use

- Water treatment systems
- Pressurized water supply in residential and commercial buildings
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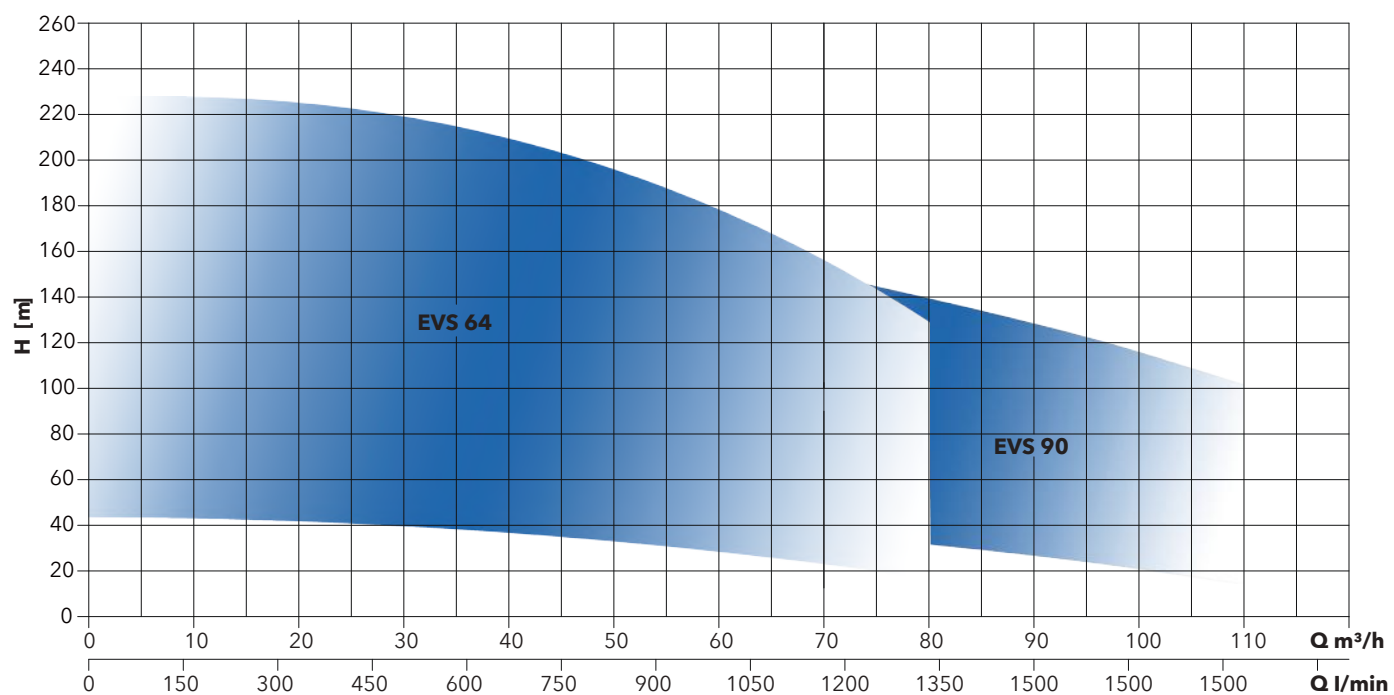
Pump Features

- Pump Casing : AISI304 Stainless Steel
- Impeller & Diffuser : AISI304 Stainless Steel
- Pump Shaft : AISI420 Stainless Steel
- Mechanical Seal : Carbon/Ceramic/EPDM

Technical Specifications

- Maximum Flow Rate : 90 m³/h
- Maximum Pressure : 310 mwc
- Connection Diameter : DN80 & DN100
- Pressure Class : PN32
- Maximum Ambient Temperature : 40°C
- Fluid Temperature : 0-100°C
- Fluid Quality : Clean, solid particle-free, chemically neutral water
- Number of Revolutions : 2900 rpm
- Mains Connection : 3*400V - 50 Hz
- Motor Power : 4 - 45 kW
- Protection Class : IP55
- Insulation Class : F

EVS Series Family Curve



Energy Efficiency with HYDROKON



A frequency control drive with HYDROKON motor-mounted connection capability is recommended for use with vertical shaft multistage centrifugal pumps. The HYDROKON system maintains constant pressure while automatically adjusting water flow rates (variable flow) to match demand, ensuring sustained high energy efficiency and comfort for users. HYDROKON ensures quieter pump operation while reducing mechanical wear, ultimately extending the pump's service life.



- Capable of controlling up to 4 pumps with capacities up to 7.5 kW
- Advanced motor control
- Easy commissioning and operation
- Data transfer to building automation system through MODBUS via RS485 interface
- Protection against dry running with low current protection

Energy Efficiency Through Use of a Highly Efficient Motor



Vertical shaft multistage centrifugal pumps are equipped with IE3 & IE4 efficiency class electric motors, delivering superior energy efficiency as standard.

IE3 & IE4 MOTOR

NOTE

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**NATIONWIDE NETWORK OF OVER 100 FAST AND
RELIABLE SERVICE POINTS ACROSS TÜRKİYE
COORDINATED BY OUR CENTRAL SERVICE
HEADQUARTERS - ALWAYS AT YOUR SERVICE!**



After-Sales Services

- Installation Supervision • Equipment Commissioning
- Troubleshooting • Spare Parts Supply

