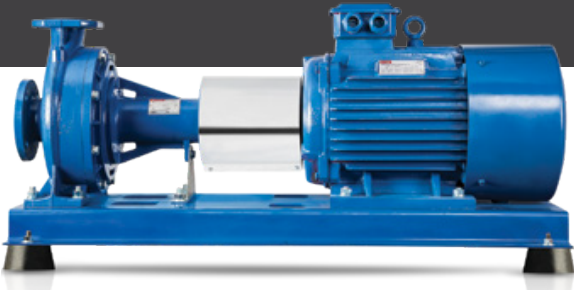




Horizontal Single Stage End Suction Pumps

✓ EA Series





Experience

With our R&D, production and implementation experience of more than 46 years in the pump technologies field, we protect you and your investments without compromising from quality with our expert sales and after sales services.

We offer complete solutions for building pump systems with our wide product range including in-line wet and dry rotor circulation pumps, vertical multi stage centrifugal pumps, horizontal single stage end suction pumps, horizontal split case pumps, waste water and drainage pumps, waste water lifting units, booster systems for residential and commercial buildings, residential fire fighting booster systems, mobile fire extinguishing and flood discharging pumps and UL listed & FM approved fire fighting pump systems complying with EN 12845, NFPA 20 standards under the brand of ETNA.

Green Engineering

By blending advanced pump features with innovative technologies, we offer high quality, reliable, energy efficient, environmentally friendly products to the industry and the end-users.

Continuing its activities with the vision of offering state of the art technology products, ETNA is preferred in prestigious projects in both Turkey and the world and is used with confidence.

Horizontal Single Stage End Suction Pumps



Horizontal Single Stage End Suction Pumps

Standardized end suction pumps are designed to serve to a wide application field:

- Water supply
- Circulation cycle of heating systems
- Cold water circulation in air-conditioning
- Agricultural and industrial water transfer, standard or spacer coupling that ensures flexible connection 2 (2900 rpm) or 4 (1450 rpm) pole electrical motor on chassis.

Exact Answer to Your Needs

Our expert engineer team helps you select the right pump system for your project. Our products are delivered as complete sets on the individual modular chassis for motors. As standard, IE2 efficient 2 or 4 pump motors are used, and an IE3 efficient motors is provided upon request.

Horizontal Single Stage End Suction Pumps



High efficiency horizontal single stage end suction pumps complying with DIN EN 733.

End suction pumps with long service life and ease of maintenance;

- HVAC systems
- Heat recovery
- Fire pump systems
- Irrigation
- Greenhouse water supply
- Transfer of moderately aggressive liquids
- Water treatment
- Used in various OEM applications

Fluid Property

- Clean, non-hard, non-viscose, chemically neutral water that is free of solid abrasive particles
- The maximum percentage of glycol that can be added to the circulating water is 50%. In case of using glycol-water mixed fluid, please contact our company at the product selection stage

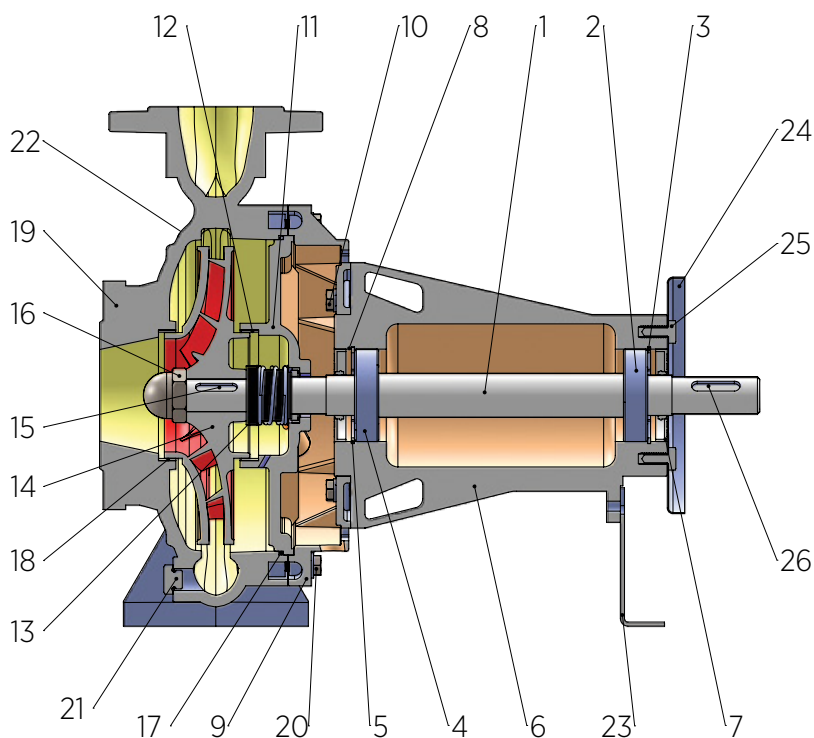
Specifications

Max. Flow Rate	: 480 m ³ /h
Max. Head	: 155 mwc
Motor Speed	: 2900 rpm (50 Hz), 1450 rpm (50 Hz)
Connection	: DN 32 - DN 100
Power	: 0,25 kW - 160 kW
Max. Operating Pressure	: 16 bar
Max. Ambient Temperature	: 40°C
Temperature of Pumped Liquid	: -10°C ÷ +120°C
Protection Class	: IP55
Insulation Class	: Class F

Design Properties

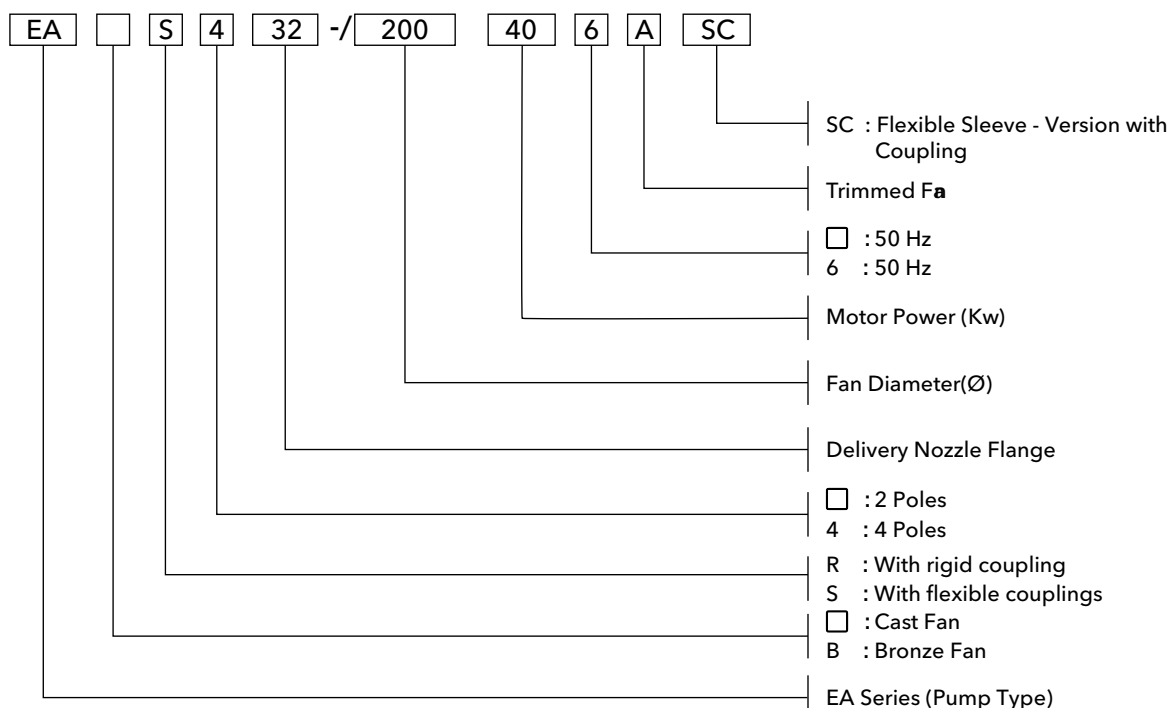
Pump Body	: GG25 - Cast Iron
Shaft	: AISI 420 - Stainless Steel
Impeller	: GG25- Cast Iron (ops. CuSn7 Bronze)
Adapter	: GG25 - Cast Iron
Mechanical Seal	: Carbon / Silicone / Carbide

Part List

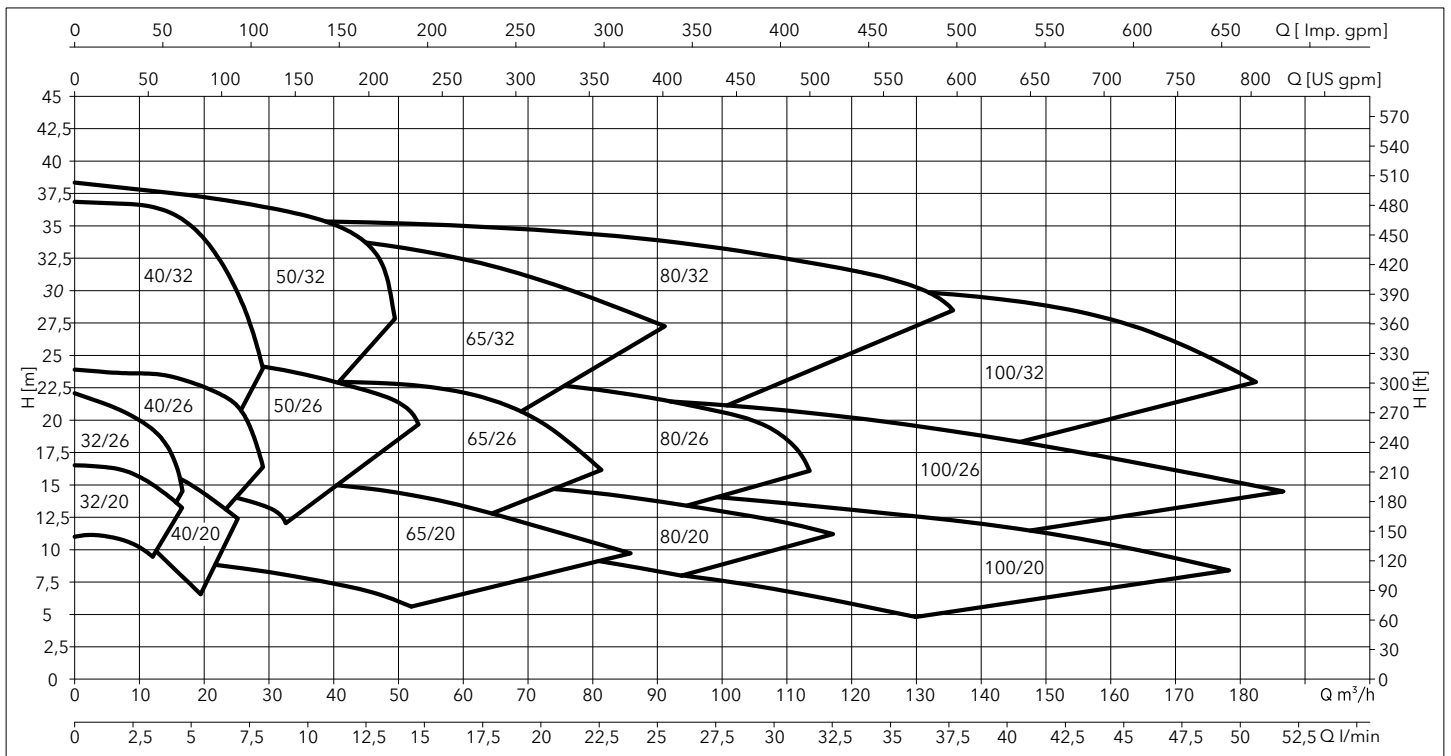


NO	EXPLANATION
01	Pump Shaft
02	Bearing External Side
03	Circlips External Side DIN472
04	Bearing Inner Side
05	Circlips Inner Side DIN472
06	Bearing Body
07	Seal, outer line
08	Seal, inner line
09	Front Casing
10	Connection group
11	Mechanical seal body
12	Mechanical seal body Wear Ring
13	Mechanical seal set
14	Pump Impeller
15	Impeller Key
16	Impeller Screw Nut
17	O-ring
18	Body Wear Ring
19	Body
20	Body Link group
21	Casing discharge plug
22	Air charging - air bleeding Plug
23	Support
24	Flange
25	Flange Bolt
26	Coupling Wedge

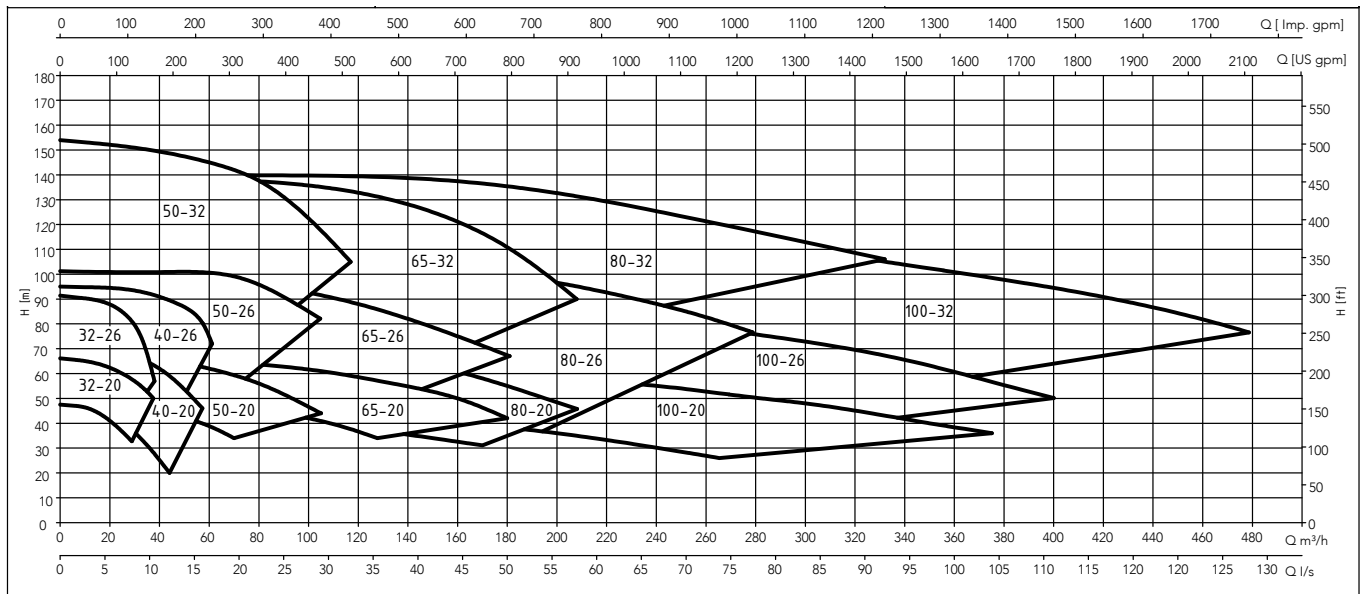
Identification Code



Performance Curves - 4 Pole Motor (1450 rpm)- 50(Hz)



Performance Curves - 2 Pole Motor (2900 rpm)- 50(Hz)



ETNA®

Rev. 07/2024



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