



Type EA series End Suction Centrifugal pump
Model Range EA32, -40, -50, -65, -80, -100, -124, -200, -250, -300
Operating Characteristic Flow Rate(Q): 2-1100m³/h
 Head(H): 2-150m
 Speed: 1450~2900 rpm (50Hz)
 1750~3500 rpm (60Hz)
 Standard Working Temperature: -10°C to 105°C
 Standard working pressure: 10Bar; optional working pressure: 16Bar

Description The EA pumps series are fully comply with the European Standard DIN24255 covering both of the performance and dimensions.

Applications The EA pumps series are used for pumping clean water and liquids with characteristics similar to water. They are suitable for Plants, Mines, City Water Supplies, Air-Conditioning Coolers, Firefighting System and Irrigation.

Features and Design The pump performance can be charges by trimming the outer diameter of the impeller. Four difference size of Shafts & Bearing house were made for all EA series, parts are highly interchangeability, and easy maintenance.

The Horizontal, Single-Stage Volute Casing pumps has a back pullout design, only the casing and motor can remain in position while all other pump parts can be removed for simple and quick maintenance, when a suitable spacer coupling is fitted to a direct-coupled unit.

Flange DIN2332 PN 10RF

Direction of Rotation Clockwise as viewed from the drive side

Material Casing Cast Iron and Ductile Iron standard; optional Stainless Steel
 Impeller Bronze standard, optional Cast Iron & Stainless Steel
 Shaft AISI420 standard, optional AISI304 & AISI316
 Shaft Seal Mechanical Seal Standard
 Carbon-Sic/Vinton (optional)
 Optional Gland Packing

Construction – Explosive Diagram

No. Name

- 1 Volute casing
- 2 Impeller nut
- 3 Wear ring
- 4 Impeller
- 5 Casing cover
- 6 Shaft spacer
- 7 Mechanical seal
- 8 Seal cover
- 9 Slinger
- 10 Bearing housing
- 11 Shaft
- 12 Bearing
- 13 Bearing cover
- 14 Support foot
- 15 Packing sleeve
- 16 Seal cage
- 17 Gland packing
- 18 Gland cover



