



0.75kw~7.5kw



9.2kw~55kw

EST

Application

- Circulation and transfer of clean, chemically non-aggressive water and other liquids
- Water supply & irrigation
- Water circulation in air conditioning systems
- Fire fighting system

Operating conditions

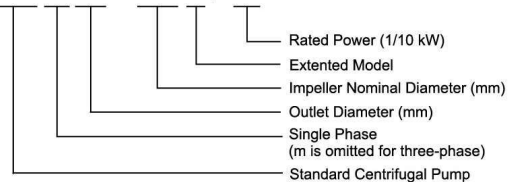
- Delivery: up to 210 m³/h
- Head: up to 95 m
- Liquid temperature: Standard -10°C to 85°C
- Maximum operating pressure: 12 bar (PN12)
- Anti-clockwise rotation when facing pump's suction port
- Impeller: AISI304 , HT200
- Mechanical seal in compliance with DIN 24960
- Lubricated by internal recirculating pumped liquid
- Counter flange available on request

Motor

- Closed construction, external ventilation
 - Insulation class: F
 - Protection class: IP54
 - Performance in compliance with CEI 2-3 (IEC 34.1)
 - Max.ambient temperature: +40°C
 - Overload protection
 - For model that ≥9.2kw: Equiped with IE2 motor, IE3 motor available on request.
 - For model that ≤7.5kw, the following 4 models can equiped with IE3 motor.
- (EST40-160/30, EST40-160/40, EST50-160/55, EST50-160/75)

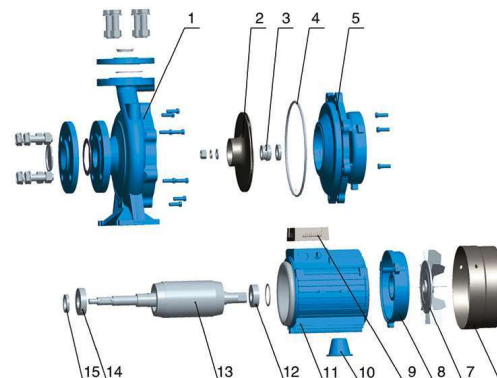
Identification Codes

EST m 32 - 125 K / 11



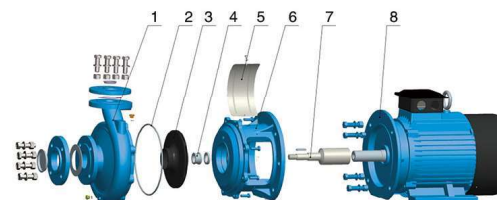
Materials Table

Exploded diagram of 7.5 kW and below



No.	Part	Material
1	Pump body	HT200
2	Impeller	HT200 / 06Cr19Ni10
3	Mechanical seal	
4	O-ring	NBR
5	Connection body	HT200
6	Wind cover	08F
7	Fan	PP
8	Back cover	ZL102
9	Cover box	ABS
10	Brace	HT200
11	Stator	
12	Bearing	
13	Rotor	
14	Bearing	
15	Skeleton seal	

Exploded diagram above 7.5 kW



No.	Part	Material
1	Pump body	HT200
2	O-ring	NBR
3	Impeller	HT200 / 06Cr19Ni10
4	Machinery Seal	
5	Guard plate	06Cr19Ni10
6	Connection body	HT200
7	Pump shaft	45/06Cr19Ni10
8	Motor	

Construction Features

- Single-impeller centrifugal pump featuring axial intake and radial discharge
- Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
- Flanges in compliance with UNI 2236 and DIN 2532
- Rear entry (impeller, motor can be extracted without disconnecting the pump body from the pipes)