

**Horizontal Split Casing Pump
Double Stage and Double Suction
Bisect Volute Type
Model ACT**



Applications

It is suitable for using in the occasions which require large flux and high lift, such as iron works, electric power plant and pump station, etc. It is applicable for feeding such as water or liquid similar to water at the temperature from -10° C to 80° C.

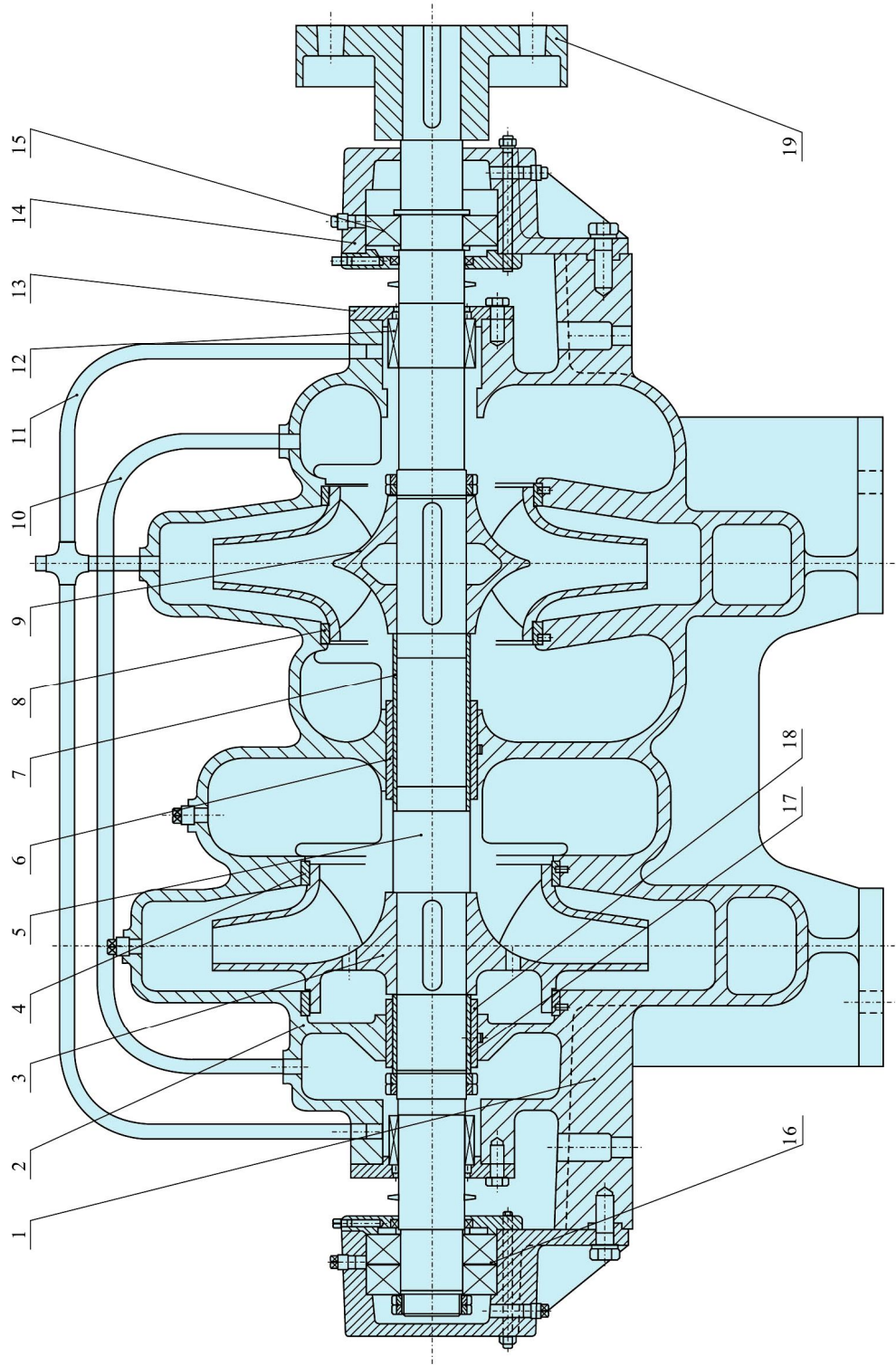
Product Characteristic

- Water inlet and outlet are installed in pump body. Just hoist the pump cover when overhaul, greatly facilitating maintenance.
- Primary stage double suction and secondary stage suction of impeller adopted, greatly improving anti-cavitations performance of pump and decreasing axial dimension of pump.
- At rotary speed of 1480 rpm, avoiding caused by high rotary speed.
- In comparison with single stage pump, the products have same performance and smaller diameter and stable operation.
- The pumping chamber adopts double volute design, reducing radial force.
- Fully mechanical seal ensures no leakage within 8000 hours and packing seal is customizable.
- The pump rotation is clockwise and anti-clockwise rotation is customizable.

Materials:

- Pump casing: Cast Iron, Ductile Cast Iron, Cast Steel
- Impeller: Cast Iron, Ductile Cast Iron, Cast Steel or Stainless Steel
- Shaft: Stainless Steel
- Seal Ring: Cast Iron, Ductile Cast Iron or Stainless Steel

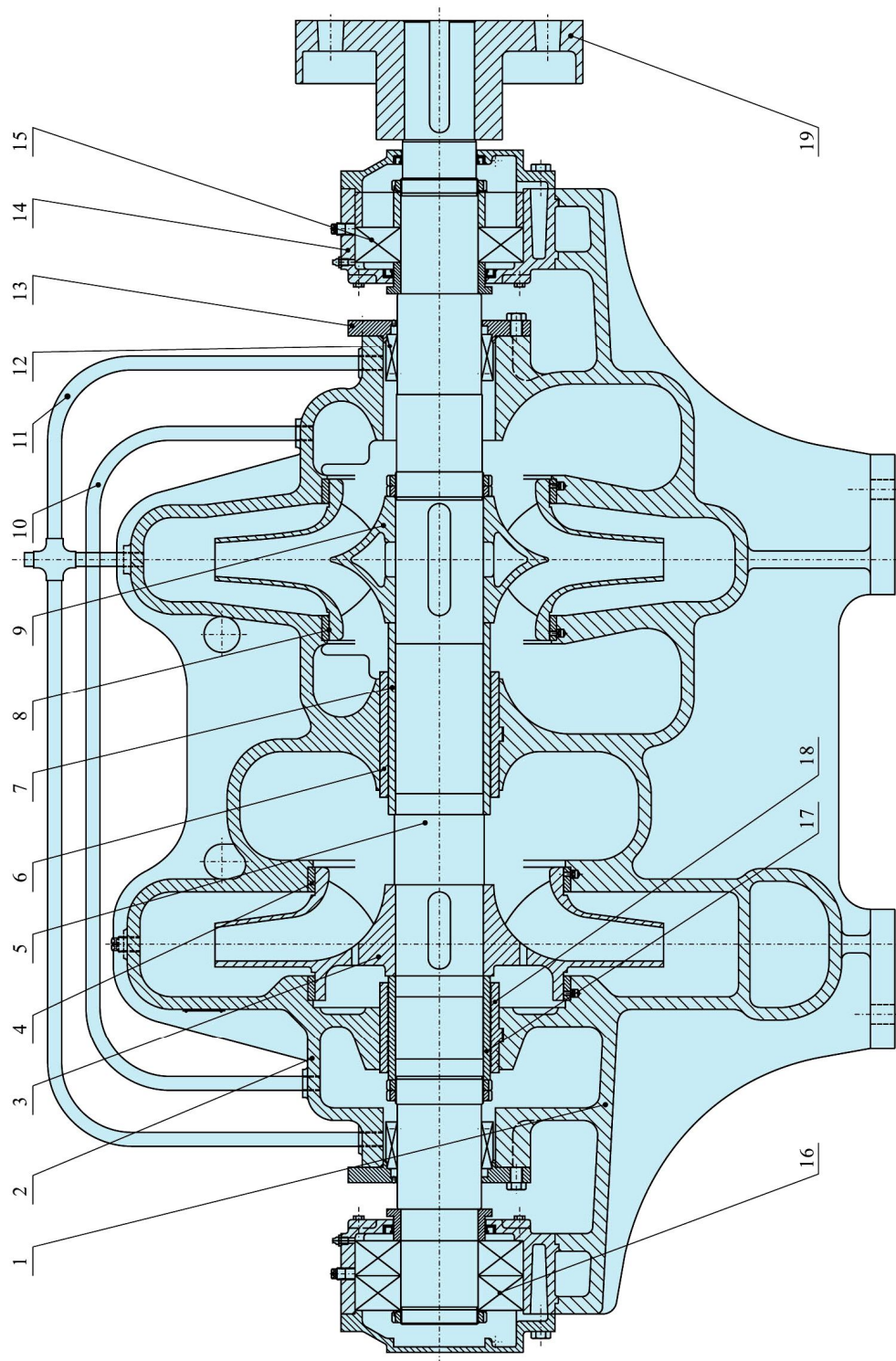
Pump Structure Drawing (1)



Structural Diagram 1 for ACT150-570 x 2 and ACT200-530 x 2

1	Pump casing	2	Pump cover	3	Secondary stage impeller	4	Seal ring	5	Shaft	6	Inter stage cover	7	Shaft sleeve A	8	Seal ring	9	Primary stage impeller	10	Balancing water pipe
11	Water seal pipe	12	Mechanical seal	13	Gland of mechanical seal	14	Bearing body	15	Bearing	16	Bearing	17	Shaft sleeve B	18	Releasing cover	19	Clutch		

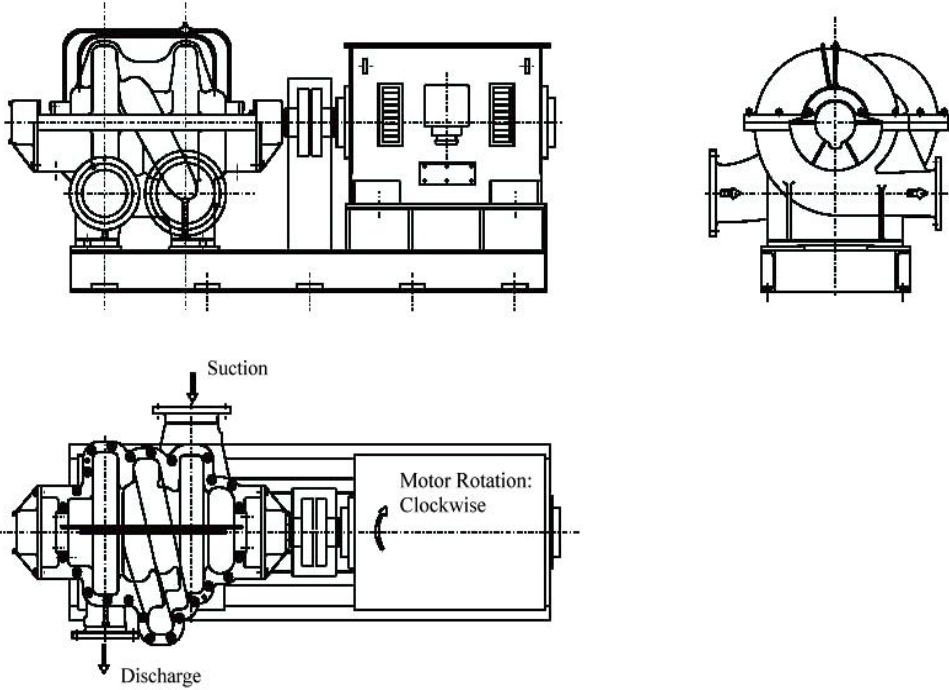
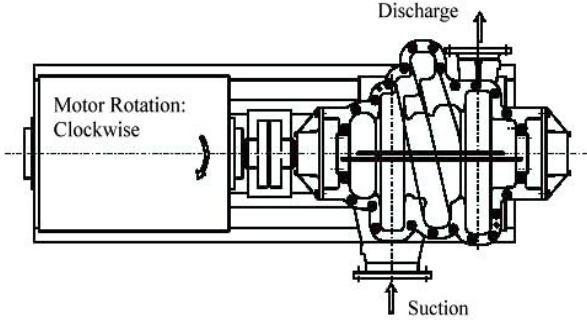
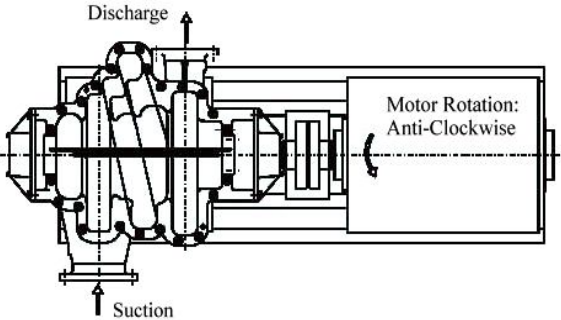
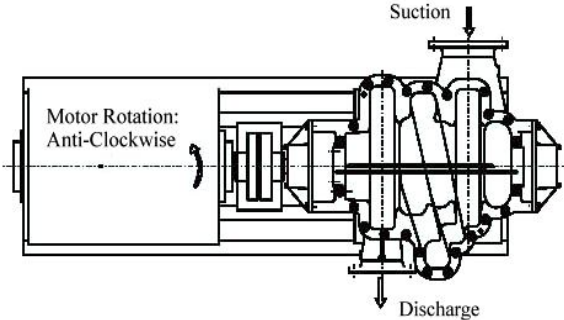
Pump Structure Drawing (2)



Structural Diagram 1 for ACT250-610 x 2

1	Pump casing	2	Pump cover	3	Secondary stage impeller	4	Seal ring	5	Shaft	6	Inter stage cover	7	Shaft sleeve A	8	Seal ring	9	Primary stage impeller	10	Balancing water pipe
11	Water seal pipe	12	Mechanical seal	13	Gland of mechanical seal	14	Bearing body	15	Bearing	16	Bearing	17	Shaft sleeve B	18	Releasing cover	19	Clutch		

Schematic Drawing of Pump Rotation

<p>Pump Rotation: Clockwise (normal)</p> 	
<p>The pump can also be manufactured as per A, B & C turning directions, which shall be specified in contract.</p>	 <p>A</p>
 <p>B</p>	 <p>C</p>