

SLOW

SLOW LARGE SINGLE STAGE DOUBLE SUCTION SPLIT VOLUTE CASING CENTRIFUGAL PUMP



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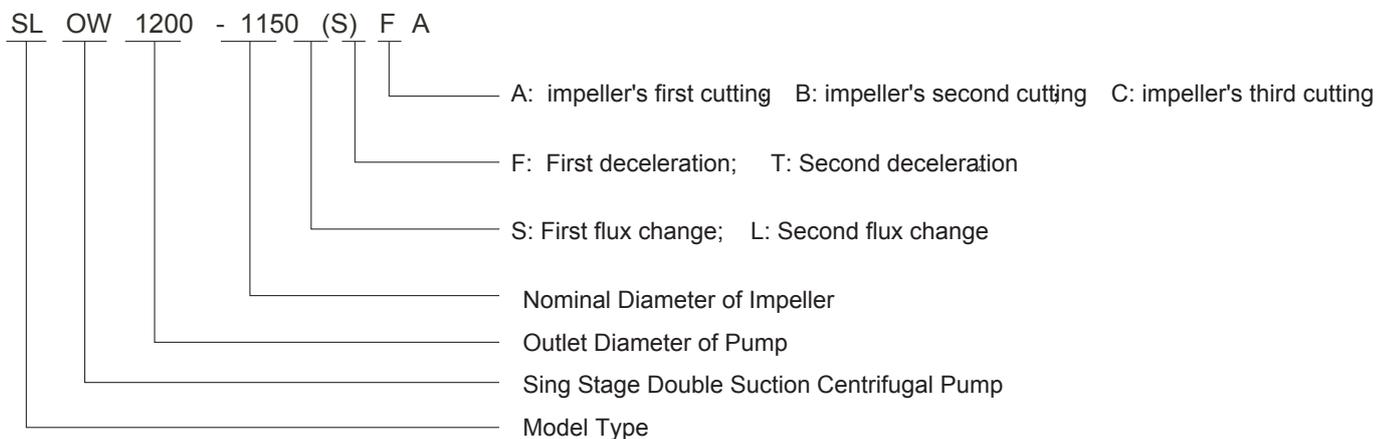
OUTLINE OF PRODUCT

With inlet diameter 1000 mm - 2000 mm, SLOW Large Centrifugal Pump of Single Stage Double Suction Bisect Volute Type is specially designed and manufactured for water works, electric power plants, pump stations, large-scaled water supply and sewerage works etc.. The feeding media are water and liquid similar to the water, at temperature from -10°C to 80°C. The combined performance of products keeps ahead for its excellent hydraulic model, special design, elaborate manufacture and strict check. It can fully substitute for imported pump to save large amount of foreign exchange and investment for the country.

PRODUCT CHARACTERISTIC

- Some pumps adopting rolling bearing, grease or thin oil lubrication. See structure drawing I.
- Some pumps adopting sliding bearing, thin oil lubrication.
- See structure drawing II (Thin oil station may be provided as required).
- Declining exit edge of Impeller and symmetrically and staggered arranged bilateral vanes, minimizing the pulsing of pump during operating.
- Double volute design adopted, reducing radial force and making pump perform more stable.
- Design with international advanced hydrodynamics software and molding with 3D software, CFD analysis, and strength checking with finite element software, ensuring high efficiency, stability and reliable running.
- Full application of stuffing sealing and bisect type stuffing gland, facilitating check and maintenance. Mechanical seal can be customized as required.

ABOUT THE MODEL



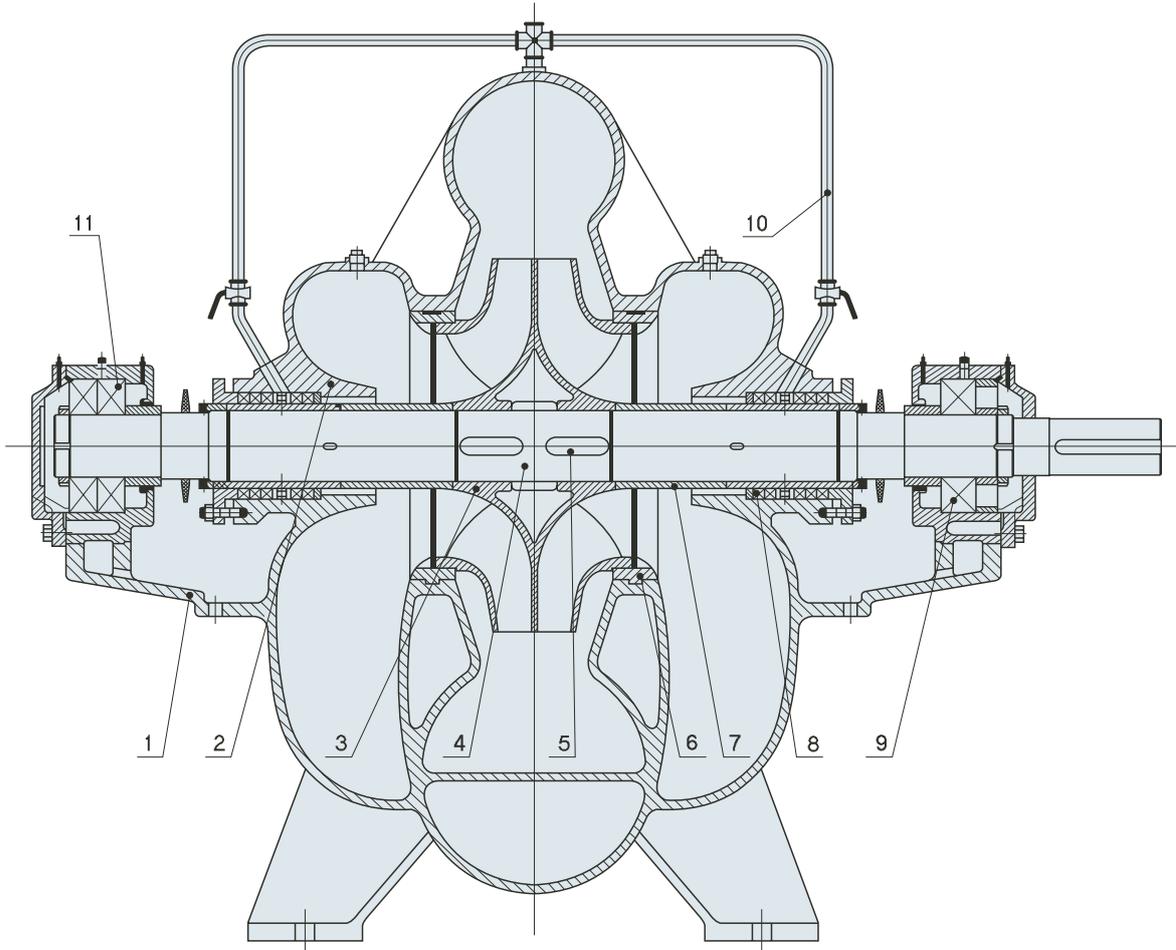
Main parts material

Name	Material	Name	Material
Pump casing	◆ Cast iron HT250	Shaft	◆ Carbon steel45
	Ball iron QT400-18		Stainless steel 2Cr13
	Cast steel ZG230-450		
Pump cover	◆ Cast iron HT250	Shaft sleeve	◆ Cast iron HT200
	Ball iron QT400-18		Stainless steel 2Cr13
	Cast steel ZG230-450		
Impeller	◆ Cast iron HT250	Seal-ring	◆ Cast iron HT200
	Ball iron QT400-18		Ball iron QT400-18
	Stainless steel 1Cr18Ni9Ti		

◆denotes general supply, to besupplied as required.

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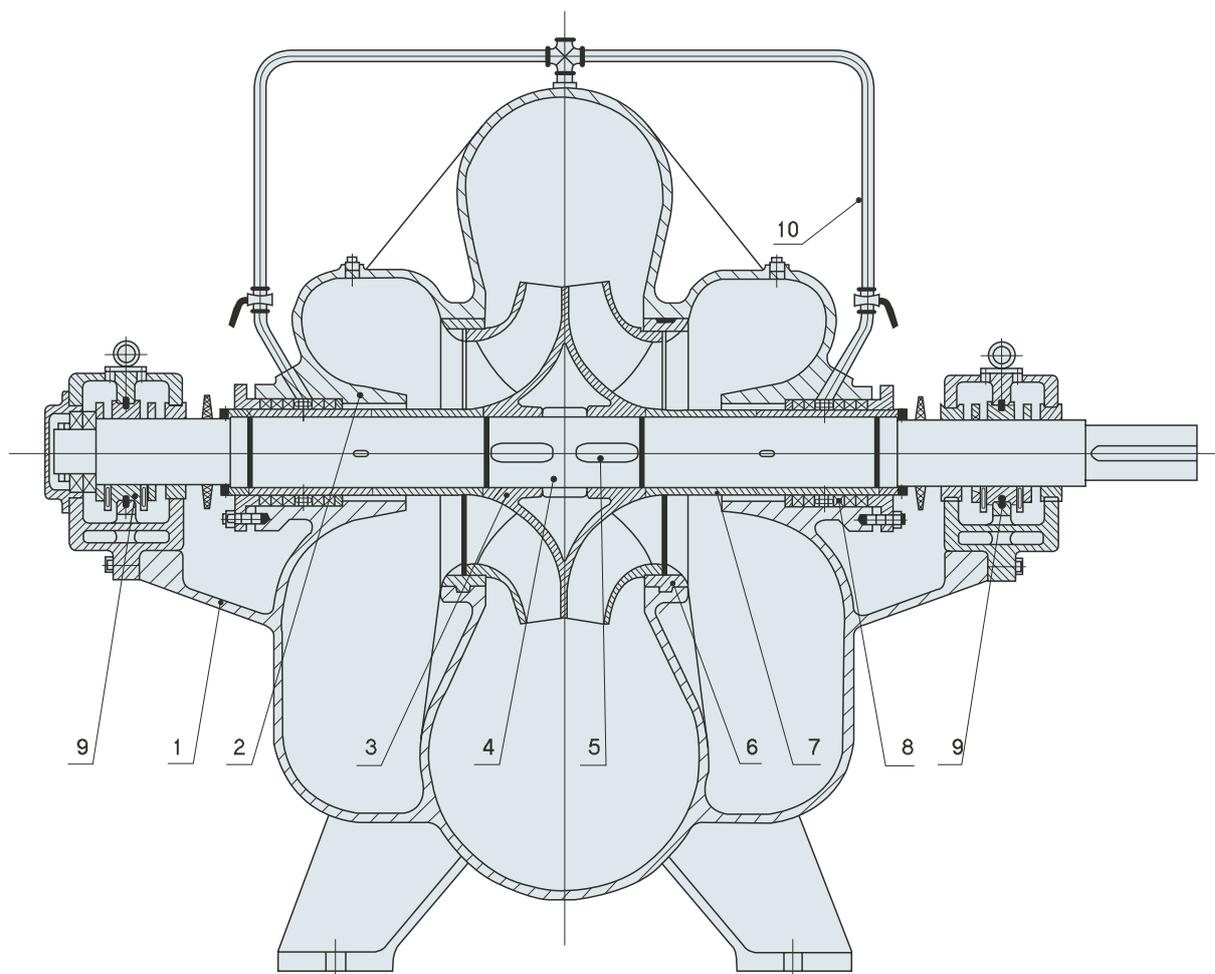
PUMP STRUCTURAL DRAWING



Pump Structure Drawing I

1	Pump casing	3	Impeller	5	Key	7	Muff	9	Bearing	11	Bearing
2	Pump cover	4	Shaft	6	Seal-ring	8	Stuffing	10	Water-sealing pipe part		

PUMP STRUCTURAL DRAWING



Pump Structure Drawing II

1	Pump casing	3	Impeller	5	Key	7	Muff	9	Part of rolling bearing
2	Pump cover	4	Shaft	6	Seal-ring	8	Stuffing	10	Water-sealing pipe part

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PUMP ATLAS OF STYLE

