

COLUMN TYPE SUBMERSIBLE

PUMPS

Model SMIV (*Axial Flow Pump*)

Model SMSV (*Mixed Flow Pump*)



Model : SMIV
(Axial Flow Pump)

Model : SMSV
(Mixed Flow Pump)



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BEST PUMPS TO HANDLE LARGE QUANTITIES OF WATER HIGH EFFICIENCY, HIGH PERFORMANCE, COMPACT SIZE, EASY MAINTENANCE AND INSPECTION.

"SMIV" Model (Axial Flow) and "SMSV" (Mixed Flow) are large capacity type submersible propeller pumps with low head capabilities. These pumps, which offer high efficiency and superior performance complete with compact design and easy operation, are designed to meet the requirements for efficient handling of large quantities of water.

In particular, for installation, maintenance and inspection in pits, "Auto In-Pipe Column Installation type" is adopted because of the highly reliability and rapid discharge connections. These features substantially reduce costs of the construction as well as saving labor and energy for the operation.

APPLICATION

- Storm Water and Flood Control
- Agricultural Water, Irrigation, Fire Protection
- Industrial Water and Drainage
- River water Intake and Lifting / Draining of Water Canals.
- Dry dock Drainage
- Water Level Regulation of Reservoirs
- Seawater Intake, Fish Farming
- Other Applications requiring pumping Large Quantities of Water

STANDARD SPECIFICATIONS

<Axial Flow type>

- Model : "SMIV" : Auto In-Pipe Column Installation type
- Discharge Size : 400 to 2,000 mm in diameter
- Motor Output : 11 to 800 kW (as standard)
- Total Pump Head : 1.5 to 10m
- Discharge Flow rate : 20 to 600 m³ / min
- Voltage / Phase : 380 V, 3,300 V, or upon request / 3 phase

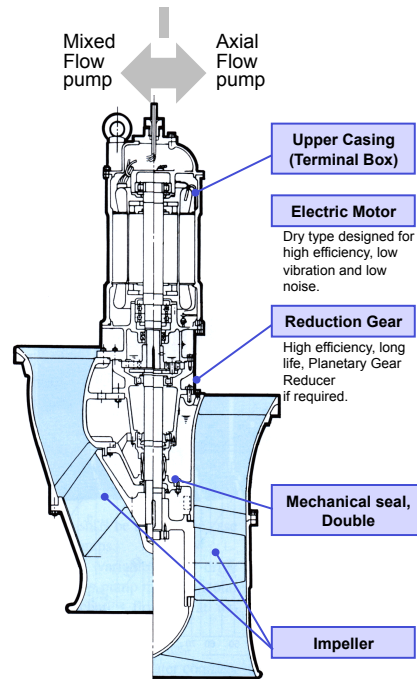
<Mixed Flow type>

- Model : "SMSV" : Auto In-Pipe Column Installation type
- Discharge Size : 400 to 1,200 mm in diameter
- Motor Output : 11 to 450 kW (as standard)
- Total Pump Head : 2 to 15m
- Discharge Flow rate : 20 to 220 m³ / min
- Voltage / Phase : 380 V, 3,300 V, or upon request / 3 phase

FEATURES

- Compact Design yet High Efficiency and Performance.
- Stable Pumping of Large Capacity of Flow Rate by using Axial Flow Impeller SMIV and Mixed Flow Impeller SMSV.
- Standard material of pump is cast iron casing and stainless steel impeller. Ni-resist or stainless steel casting casing is available for sea water application.
- Select an optimum Model from a wide selection of Models, according to your application requirements : Discharge size to 2,000 mm and motor requirements to 800 kW are available as standard.
- No priming is required so that emergency start and automatic operations can be easily achieved.
- No extra space is needed because of its submerged installation, substantially reducing building costs when compared to ground level installation.

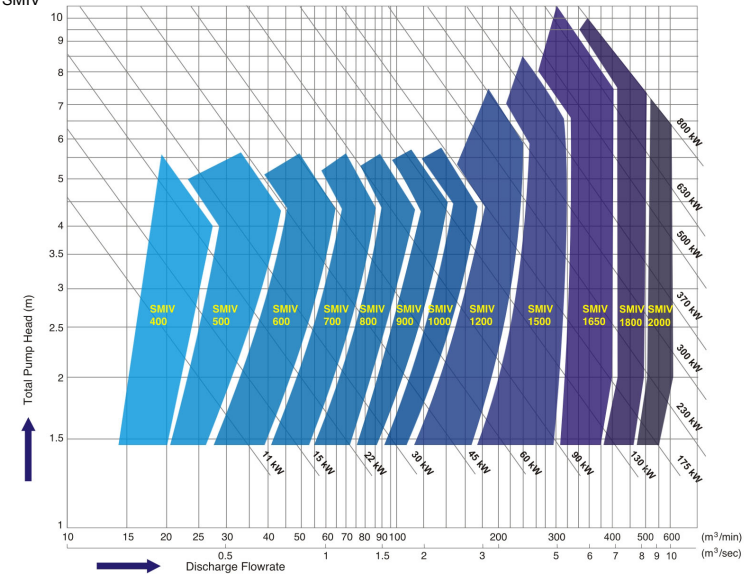
CONSTRUCTIONS



SELECTION CHARTS

< Axial Flow Pump >

• Model : SMIV



< Mixed Flow Pump >

• Model : SMSV

