
















A WIDE RANGE OF PUMPS

Pump Type	 Multistage	 Horizontal Split Casing	 Water / Process	 Axial Flow	 Non Clog
Capacity up to (m ³ / hr)	1,000	10,000	1,000	20,000	2,000
Head upto (m)	1,100	180	140	10	60

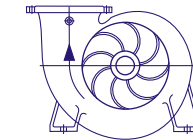
Pump Type	 Mixed - Flow	 Vertical Turbine Vertical Mixed Flow Vertical Axial Flow	 Liquid Ring Vacuum	 Gear	 Lobe
Capacity up to (m ³ / hr)	7,000	20,000	4,975	150	100
Head upto (m)	45	300	Vaccum upto 685mm of Hg	100	50

Pump Type	 Torque Flow	 Rota	 Self - Priming	 Dual Plate NRV	 Vertical Sump
Capacity up to (m ³ / hr)	1,500	100	250	750	600
Head upto (m)	100	50	50		100



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SINTECH

MULTISTAGE HIGH PRESSURE PUMPS



Applications

- ▶ General water supply
- ▶ Mine dewatering
- ▶ Water Supply to high rise buildings
- ▶ Sprinkler installations
- ▶ Boiler feed application
- ▶ Condensate transfer
- ▶ Fire fighting
- ▶ Descaling plants



Sintech High Pressure Pumps

Type: SMS

Features

Range : Capacity upto 1000 m³/hr
Head upto 1100 m

Casing

Horizontal radially split multistage ring section pump manufactured as a compact design unit. The stages are sealed by O - rings and clamped together by tie rods.

Impeller

Closed type radial impellers are hydraulically and statically balanced by backvanes / balancing holes.

Shaft

High tensile shaft supported by antifriction bearings and protected by shaft sleeve.

Bearing

Grease lubricated deep groove ball bearings or roller bearing are provided.

Stuffing Box

As a standard, stuffing box is provided with sealing connection on suction side but for higher pumping temperatures, it can be provided it with cooling cover for external cooling.

Drive

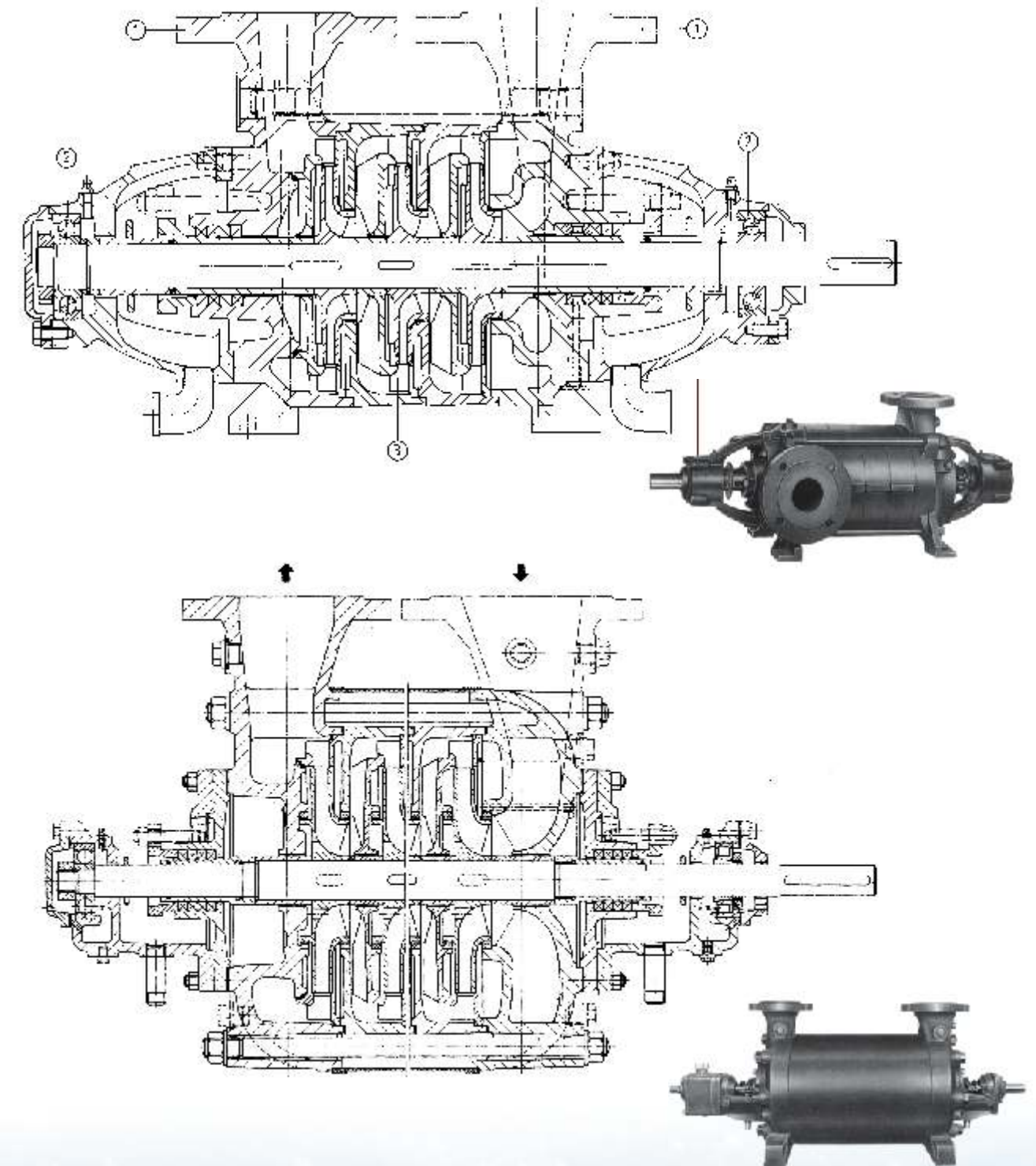
Suitable for coupling with an electric motor or an I.C. engine. These can be connected directly with a flexible coupling or with a belt drive.

Material of Construction

Casing	C.I.	C.I.	C.I.	Cast Steel	S.S.
Diffuser	C.I.	C.I. / Bronze	C.I.	Cast Steel	S.S.
Impeller	C.I.	Bronze	Ph. Bronze	Cast Steel	S.S.
Wear ring	C.I.	Bronze	Ph. Bronze	SS	S.S.
Shaft	C.I./S.S.	C.S./S.S.	C.S./S.S.	C.S./S.S.	S.S.
Shaft Sleeve	C.S./S.S.	C.S./S.S.	C.S./S.S.	C.S./S.S.	S.S.
Lantern Ringh	C.I./S.S.	Bronze	Ph. Bronze	C.S.	S.S.
Gland	C.I.	C.I.	C.I.	C.I.	S.S.

Other materials are also available on customer's specific request.

Different type of Designs Available



Specifications are subject to change without prior notice