

SJ SERIES

Solid Handling Industrial Pumps

Inno
PUMPS

Application

- Pulp and Paper Industries
- Chemical & Process Industries
- Palm Oil Mills & Refineries
- Waste Water Treatment
- Sugar Mill



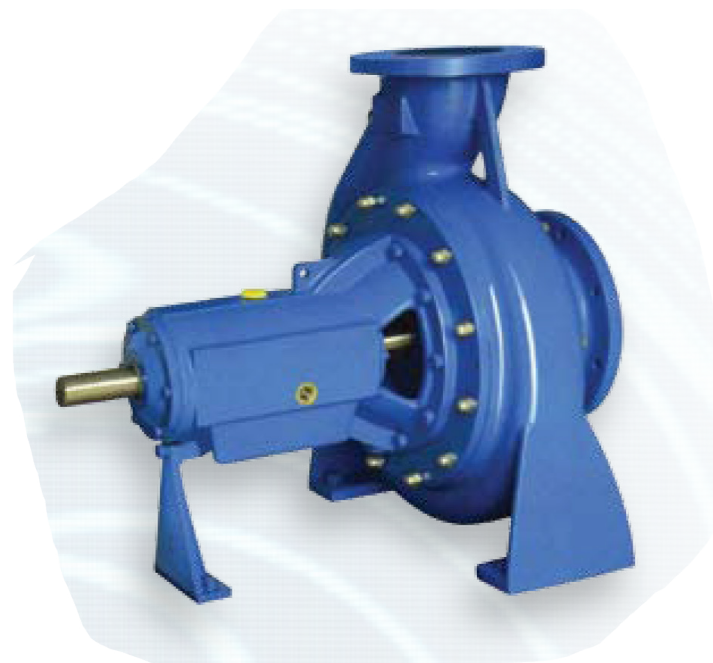
SJ SERIES

Solid Handling Industrial Pumps

Design

The pump are design to handle liquid with solid in the Pulp & papaer, Chemical, Sugar, Waste water and palm oil industries.

Combined the advantage of open impeller, renewable wear plate and back-pull-out design. The maintenance of the pump is greatly simplified.



Materials of Construction

Code	1	2	3	4	5	6
Casing	Cast Iron	Ductile Iron	Cast Steel	304SS	316SS	Duplex SS
Impeller	Ductile Iron	Ductile Iron	410SS	304SS	316SS	Duplex SS
Wearplate	Ductile Iron	Ductile Iron	410SS	304SS	316SS	Duplex SS
Shaft	410SS	410SS	410SS	420SS	420SS	Duplex SS

Features

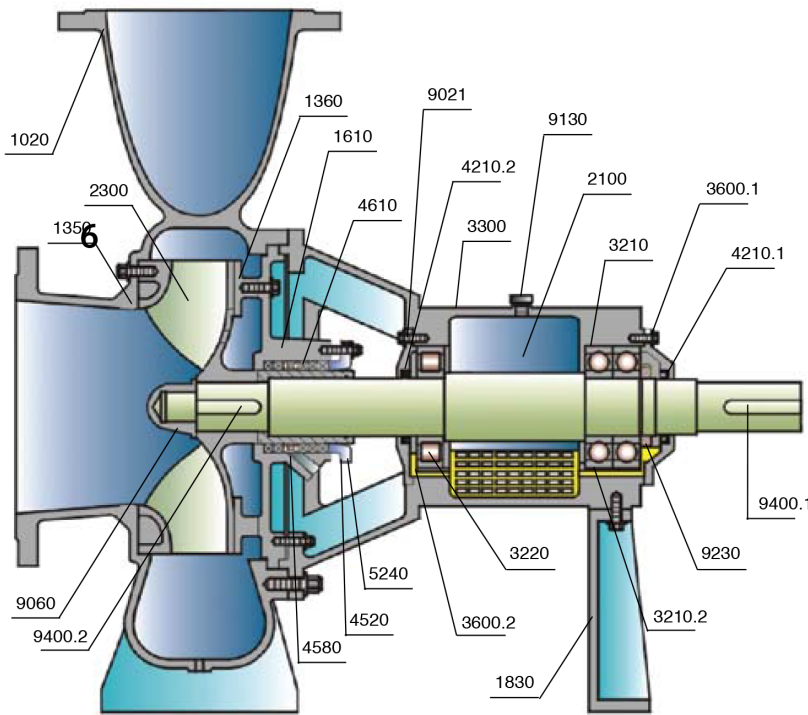
- **Fully open impeller:** Design for liquid containing solid particles, abrasive liquid or stock up to 6% consistency
- **Casing wear plate:** Protect the volute casing. The front liner externally adjusted to maintain a constant impeller clearance to achieve maximum efficiency.
- **Stuffing box:** Design to permit the use of mechanical seal (single, double or tandem), packing or Dynamic seal
- **Material:** Various material option to handle a wide range of corrosive and abrasive liquids
- **Shaft:** Amply sized stainless steel shaft guarantees a vibration free operation heavy duty bearings, compact, oil or grease lubricated bearing unit design to ensure reliability.

Operating Data

Capacity :	100m ³ /hr
Head (Max.) :	70 meter
Temp (Max.) :	95oC
Operating Pressure :	10 bar

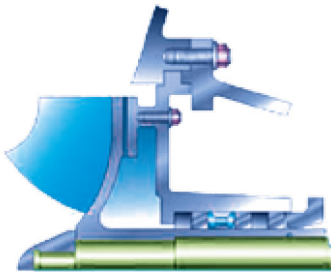
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Sealing Option

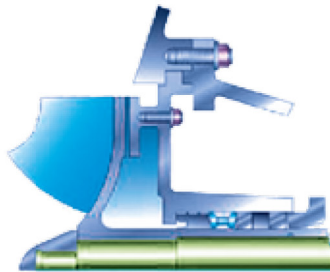


Part No.	Designation
1020	Volute casing
1350	Front wear plate
1360	Back wear plate
1610	Discharge cover
1830	Support foot
2100	Shaft
2300	Impeller
3210.1	Ball Bearing
3210.2	Ball Bearing
3220	Roller bearing
3300	Bearing case
3600.1	Ball cover
3600.2	Ball cover
4210.1	Oil seal
4210.2	Oil seal
4520	Gland
4580	Lantern ring
4610	Gland packing
5240	Gland bush
9021	Gland bolt
9060	Impeller bolt
9130	Air plug
9230	Ball nut
9400.1	key
9400.2	key

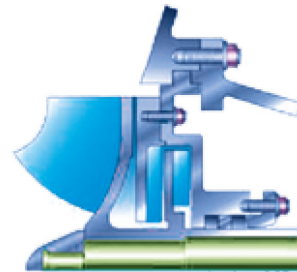
**Typical Drawing Only*



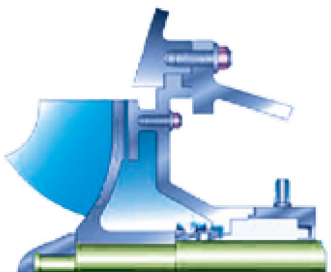
PACKING (T)



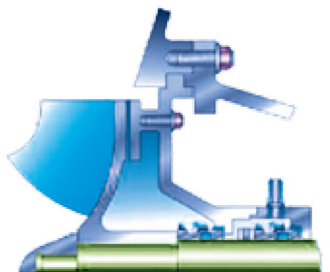
PACKING (H)



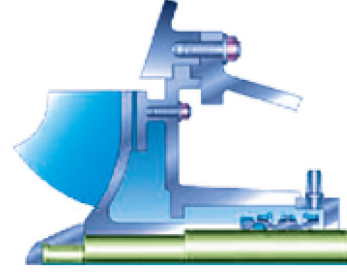
DYNAMIC SEAL (F)



SINGLE SEAL (S)



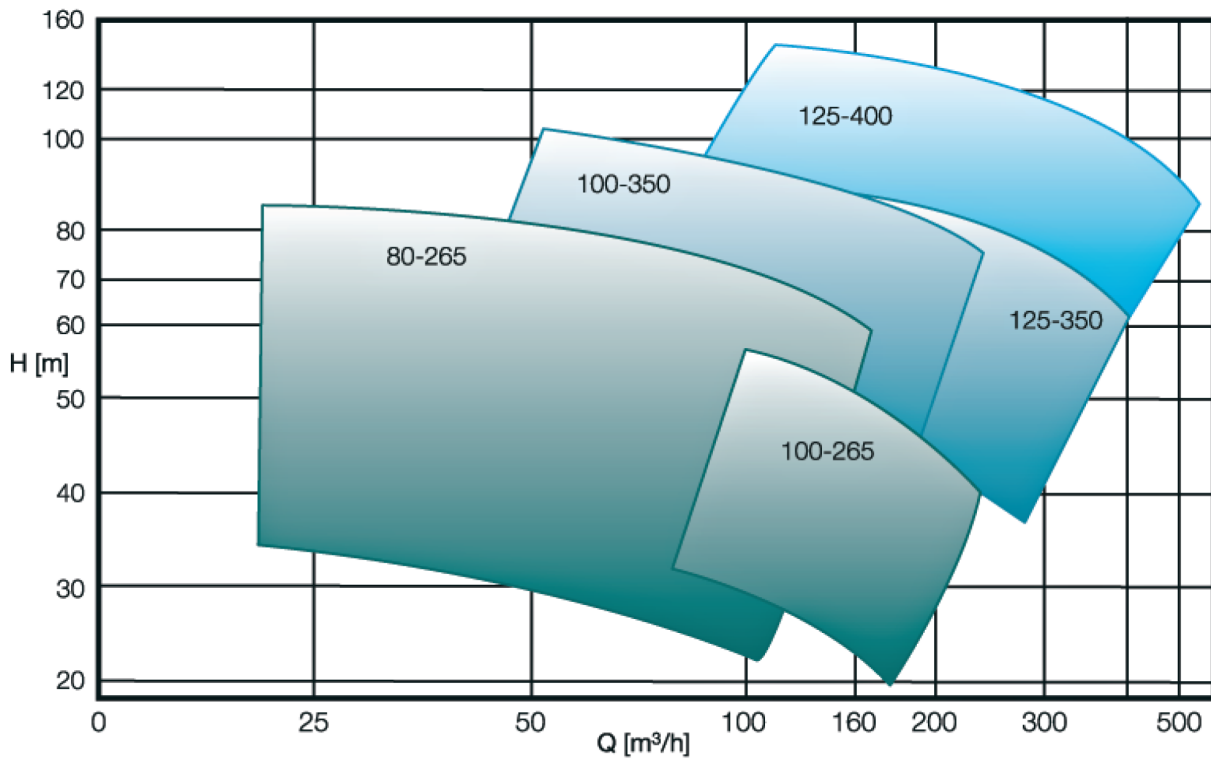
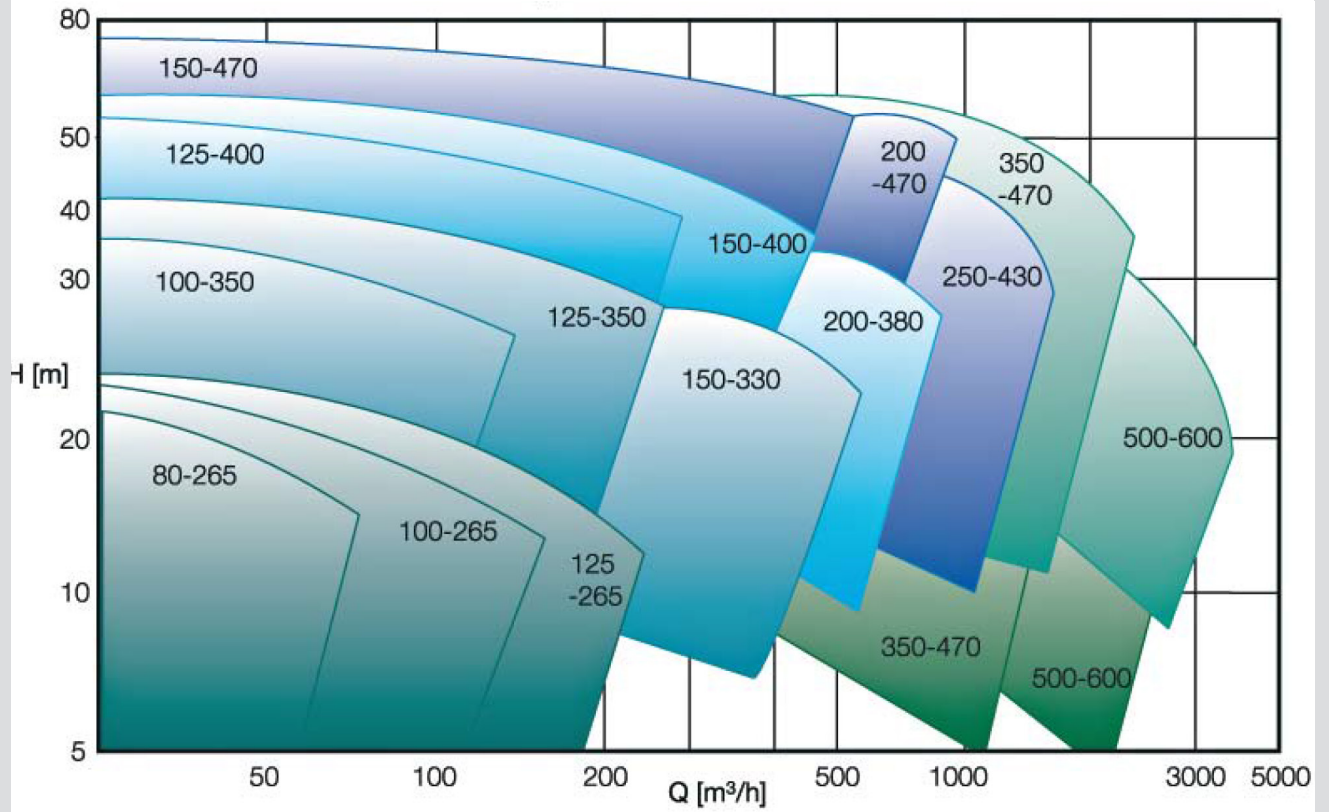
DOUBLE SEAL (D)



TANDEM SEAL (B)

Performance Curves

1500rpm



3000rpm