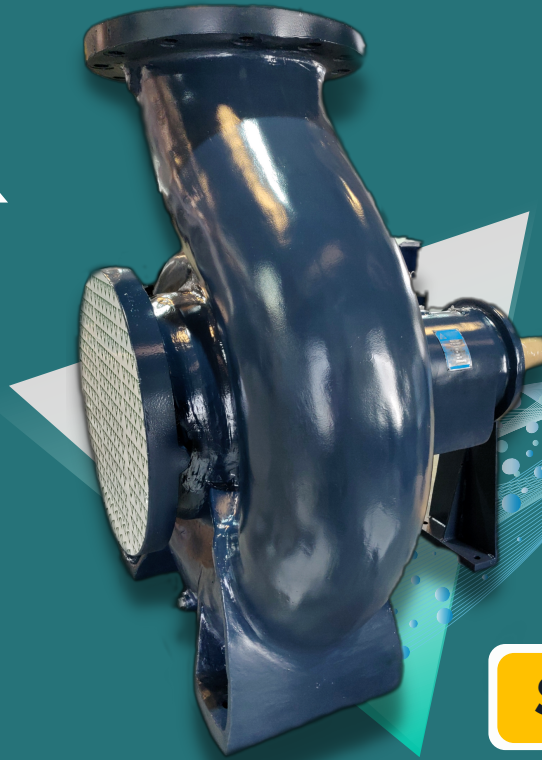


HEAVY DUTY PULP & PAPER STOCK PUMP



Operating Range :

Pump Size : DN 32 to 400 mm
Capacity : Up to 2000m³/hr
Head : Up to 80m
Temperature : Up to 120° C
Consistency : 7%

SPS + T

Pumps Availability Chart

| PUMP MODELS | | 32/200 | 40/200 | 50/200 | 40/260 | 50/260 | 65/260 | 80/260 | 40/330 | 50/330 | 100/260 | 125/260 | 150/300 | 65/330 | 80/330 | 100/330 | 125/330 | 100/400 | 125/400 | 200/330 | 300/360 | 150/360 | 200/360 |
|-------------|-----|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| IMPELLER | | 3VO/5VC | 3VO/5VC | 3VO/5VC | 3VO/5VC | 3VO/5VC | 3VO/5VC | 3VO/6VC | 3VO | 3VO/5VC | 4VO/6VC | 4VO/6VC | 4VO/6VC | 3VO/5VC | 3VO/5VC | 4VO/6VC | 4VO/6VC | 3VO/5VC | 4VO/6VC | 4VO/6VC | 4VO/6VC | 4VO/6VC | 4VO/6VC |
| BRG | HSG | 15 | | | 18 | | | | 22 | | | | | | 30 | | | | | | | | |

Design Features:

Heavy Duty, Horizontal, Single Stage, End Suction, Radially Split, Volute Casing Pump with back pull out Design, Conforming to DIN 24256 | The wide passages in the suction zone of impeller with less number of vanes and non-clogging design helps to handle stocks easily | Open impellers with renewable front wear plate and closed impeller with wear - ring | Gland packed / mechanical seal / dynamic Seal options

Ease of Maintenance:

Wear Plate can be moved from suction side to take care of the wear which saves energy | Back pull out design enables to remove the rotating assembly without disturbing the casing or the suction / delivery pipes or the motor by using a spacer type coupling

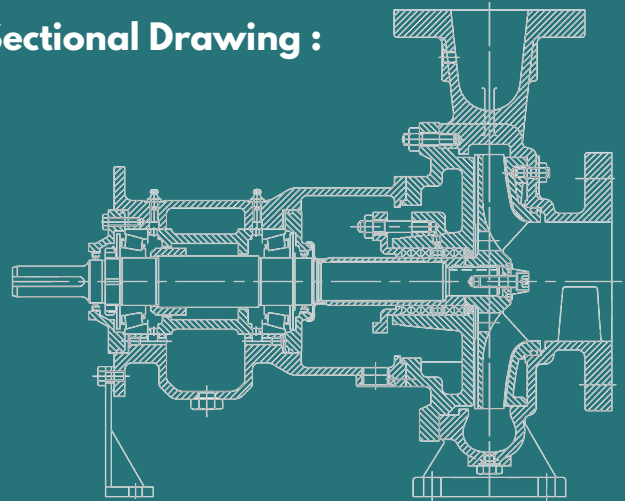
Bearings/Lubrication :

Tapper roller bearings at drive and impeller ends with a service life longer than that of normal bearings . Optional Cylindrical bearing at impeller end and double row angular contact bearing at drive end is also available. | Bearings are grease lubricated. Optionally, oil lubrication can also be offered.

Application:

Handling pulp & paper stocks up to 7% consistency | Fibrous Pulp, White, Black & Green Liquors, Heavily contaminated liquids, raw sewage, sludge, Acids, Alkaline, corrosive slurries etc.

Sectional Drawing :



Materials from SAM' s captive Steel Foundry :

Graded grey cast iron (FG 260), Nickel Cast Iron, Alloy Cast Iron, CA 15, CA 40, Carbon Steel like WCB, LCB, Stainless Steels like CF8(SS 304), CF3(SS 304L), CF8M(SS 316), CF3M(SS 316L), CG8M(SS 317), CG3M(SS317L), Duplex Steels like SS 2324, DIN 1.4460, DIN 1.4517 / ASTM A 890 M Grade CD4M CuN (1B) / CD3MCuN(1C) / CE8MN(2A) / CD6MN(3A) / CD3MN(4A) / CE3MN (5A) | CD3MWCuN(6A), High Nickel Alloys like CN7M(Alloy 20), Hast Alloy-B.C. G30, High Chrome Hard Metals like Samron 17 (450 BHN), Hi Chrome (550BHN)etc.



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