

Range

Sr. No.	Model	Power HP	Suction size(inch)	Discharge size(inch)	Max flow LPM	Max Head in M
1	SSBC-25/120	0.5	1	1	0 to 115	18 to 0
2	SSBC-25/138	1	1	1	0 to 220	24 to 0
3	SSBO-25/138	1	1	1	0 to 200	22 to 0
4	SSBC-25/142	1.5	1.5	1	0 to 325	24 to 0
5	SSBC-50/114	1	2	2	0 to 480	16 to 0
6	SSBC-40/114	2	2	1.5	0 to 420	24 to 0
7	SSBC-25/160	3	1.5	1	0 to 400	35 to 0
8	SSBC-25/180	5	1.5	1	0 to 600	50 to 0
9	CEMRON	1	1	1	0 to 220	22 to 0

CEMRON MODEL IS MONOBLOCK CONSTRUCTION PUMPS COST OF ACCESSORIES LIKE BASE FRAME COUPLING, COUPLING GUARD CAN BE SAVED.

OTHER PUMPD ARE BARE SHAFT

Application

- Pharmaceutical industry, chemical industry, food processing plant, milk feeding in dairy plants.
- Hot water transfer, spent wash disposal, liquid feeding systems.
- Scrubbing application, to handle effluent slurry.
- Mining industry, sugar industry, water treatment plant.
- Descaling, power plants, organic inorganic liquids.
- Solvant extraction, condensate handling, colour feeding in dyeing jet machines.

Advantages

- Back pull out design offers maintenance friendly.
- Long service life, low operating cost, minimum downtime.
- Good quality casting with consistent surface finish hence it gives better efficiency.
- Versatile shaft sealing and gland packing arrangement.
- Proper Cooling arrangement for mechanical seal reduces chances of seal failure.

Operation Principle

- Volute casing, impeller and back plate are manufactured from investment (wax) casting process to get good finishing and good flow of liquid at lesser power.
- It is centrifugal pump.
- Multi spring seal which can work under low compressing pressure between two sealing area is generally Installed in the pump but if liquid has solid particles / slurry SIC VS. SIC. OR TC VS. TC single spring seal is used

