

Horizontal Double Suction Pump

Type CB

APPLICATIONS



- Public water supply



- Agricultures



- Water treatment



- Industrial plants



- Air conditioning
- Heating systems & Cooling systems

FEATURES

Energy-saving Design

- World top class pump efficiency achieved.
- Major improvement over our previous models by impeller designed using our proprietary 3D inverse design technology.
- Higher efficiency means lower energy consumption and motor output, and more compact size.

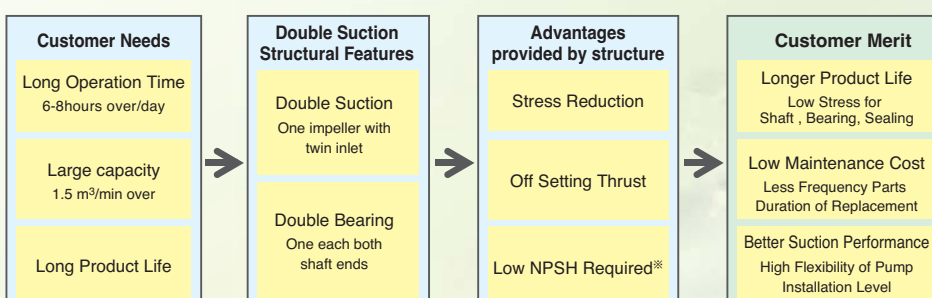
Simple Maintenance

- Very compact design for ease of installation and permits minimum maintenance.
- Axially split casing allows the easy removal of the top casing for inspection and service.
- Shield bearings eliminate need for adding or exchanging lubricating oil.
- Shaft seal flushing and quenching piping not required for the standard application.

Why - type C - , Double Suction Pump?

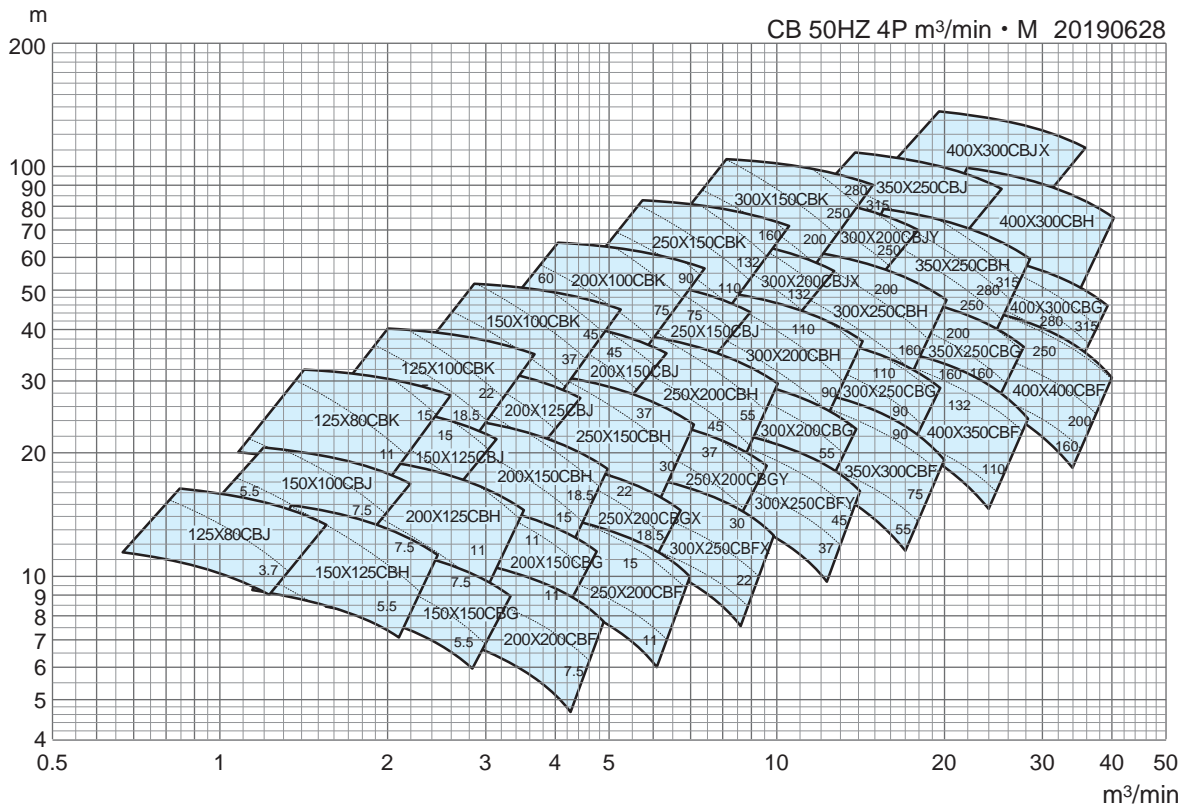
- Compared with single suction -

- will provide stable operation and better performance, low vibration, low noise.
- will lead longer product life, less energy consumption.



* Net Positive Suction Head Required

PERFORMANCE CHART



SPECIFICATIONS

Pump

Capacities		To 42 m ³ /min
Heads		To 150m
Liquid Handled	Type of liquid	Clean water, Industrial water, River water
	Temperature	0 to 80°C
Max. Operating Pressure		16bar (1.6MPa)
Construction	Impeller	Closed double suction
	Shaft seal	Mechanical Seal
	Flushing	No Flushing
	Ball Bearing	Sealed ball bearing (grease lubrication)
Flange		JIS 16K RF, GB 16K RF
Material	Casing	FC250 or FCD450 *1
	Impeller	CAC406 or SCS13 *2
	Main shaft	SUS420J1
	Mechanical Seal	Ceramic/Carbon NBR or Silicon carbide/Carbon FPM *3

*1: It is applicable for Model 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X400CBF.

*2: It is applicable for Model 400X300CBJX

*3: It is applicable for Model 350X250CBJ, 400X300CBJ, 400X300CBH.

Motor

Number of poles	4 poles
Synchronous speed	1500min ⁻¹
Phase	3 Phase
Voltege	380V ±10%
Type	Totally enclosed fan cooled (indoors)
Protection	IP55
Frequency	30 ~ 50Hz

* Optional:

- Totally enclosed fan cooled (indoors)
- Varying frequency running (0~50Hz)
- Other types of motor that user require

