



# EBARA Vertical Pump

Type **CSA-V / CNA-V**

**50Hz**



### APPLICATIONS

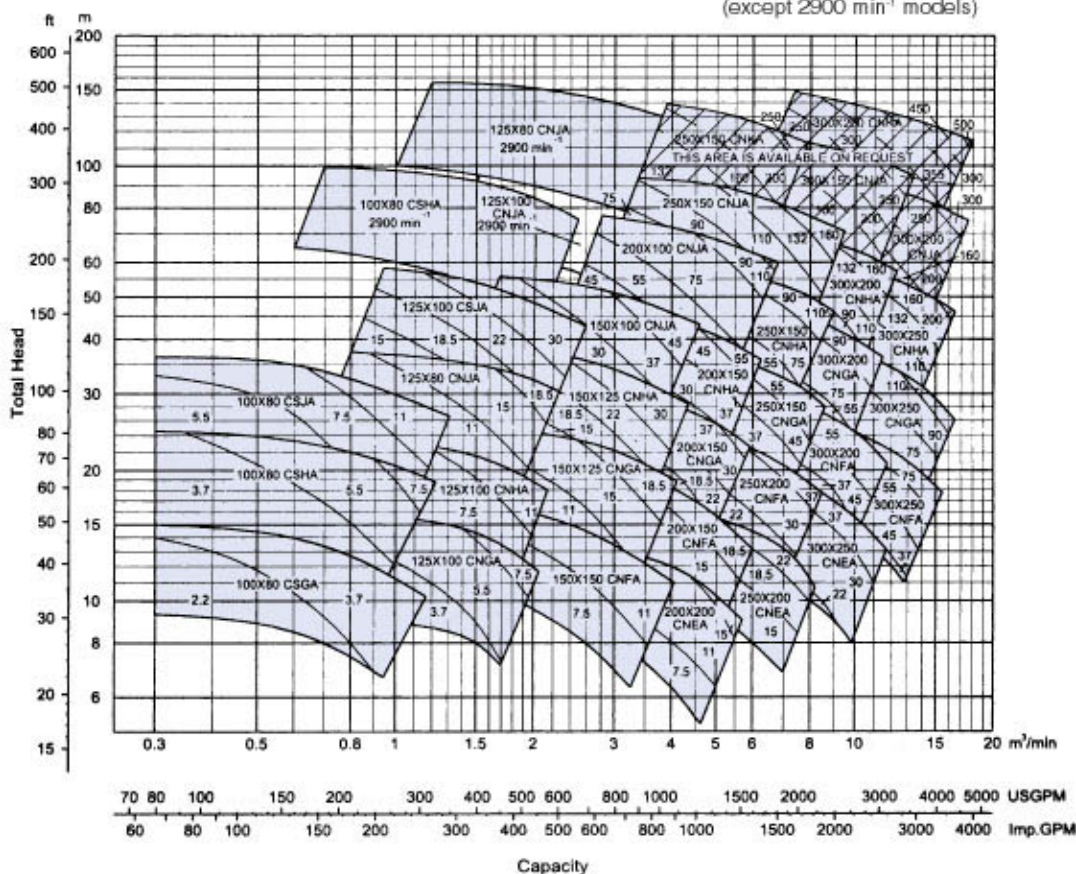
- Water supply
- Hot and cold water circulation
- For cooling tower
- Irrigation
- Industrial use
- Drainage
- Sprinkling
- Air Conditioning
- For swimming pool

### FEATURES/BENEFITS

- 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.
- A wider range of performance with head up to 150 m.
- Vertically mount for space saving.
- Anti-corrosion materials used on the rotating parts.
- High quality sealed and cartridge type bearing units provided high durability.
- High allowable working pressure can ensure stable running.
- Mechanical seal used for robust operation.

### SELECTION CHART

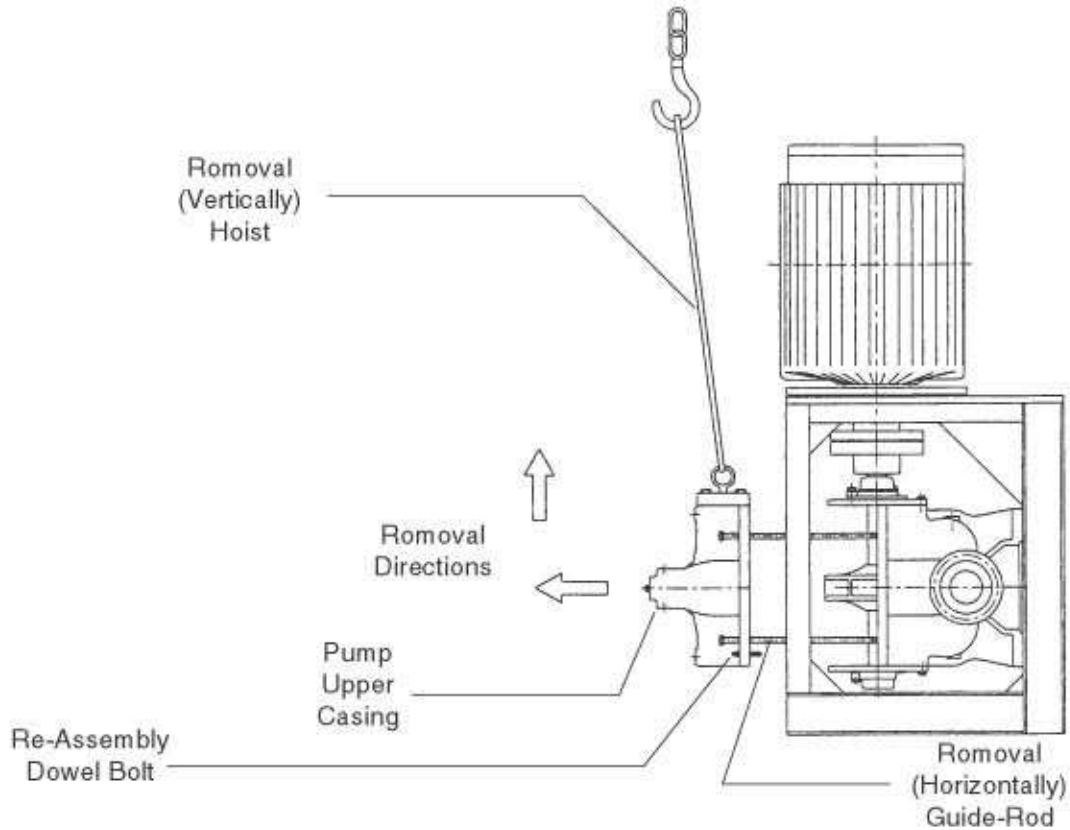
Speed: 1450 min<sup>-1</sup>  
(except 2900 min<sup>-1</sup> models)



**SPECIFICATIONS**

Description		Standard	Option
Model		<b>CSA-V, CNA-V</b>	
Liquid Handled	Type of liquid	Clean Water, Industrial Water, River Water	
	Temperature	Below 80°C (176°F)	81°C-120°C (177°F-248°F) (only applicable for Mechanical Seal Models)
Max. Positive Suction Pressure		0.981 MPa	0.981 MPa
Allowable negative suction pressure		0.03924 MPa	
Construction	Shaft Seal	Mechanical Seal	Mechanical Seal
	Bearing	Ball Bearing	
	Lubrication	Grease	
Material	Casing	Cast Iron	
	Impeller	Bronze	
	Shaft	SUS 316	SUS 404
	Shaft sleeve		Bronze
Flange	Suction	JIS 16 KRF	
	Discharge	JIS 16 KRF	
Accessories			
Standard		Air vent piping, Mechanical Seal, flushing water piping, Lift bolts.	
Option		Common base, Anchor bolts, Shaft coupling.	

**TYPICAL METHOD FOR DISASSEMBLY & RE-ASSEMBLY**



Note: All specifications are subject to change without prior notice.



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