EBARA

# HORIZONTAL SPLIT CASING PUMPS

**CSA/CNA**

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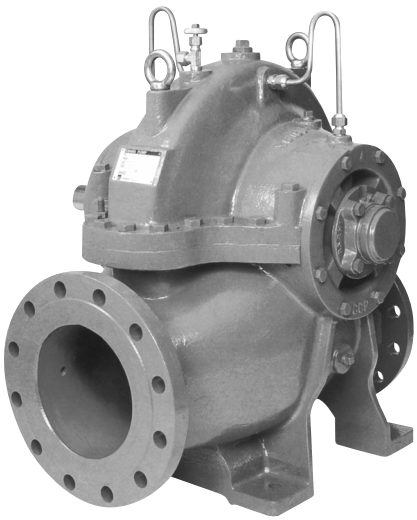
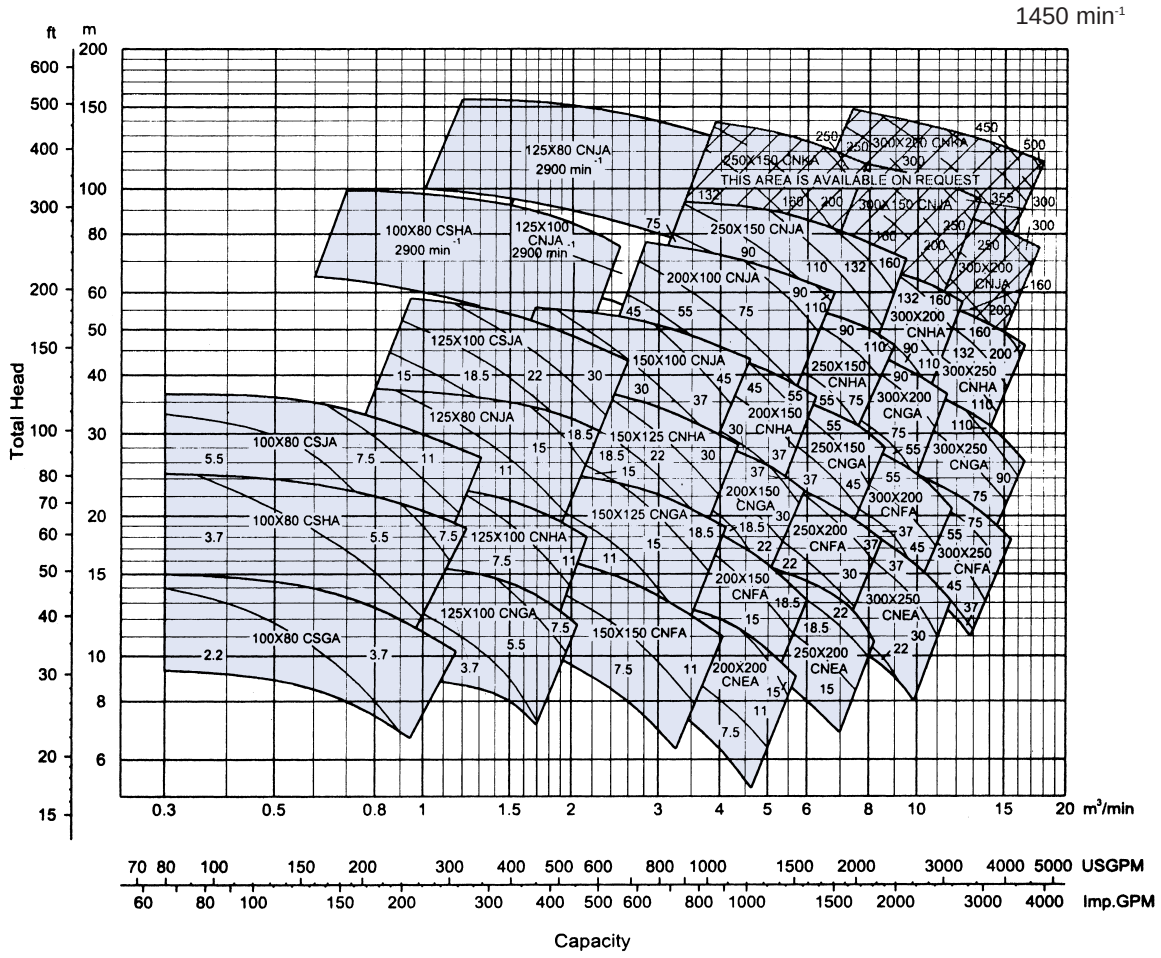


## APPLICATIONS

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

## FEATURES

- 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.
- A wider range of performance with head up to 150 m.
- High speed drives and vertical mount available.
- 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 for easy maintenance.

## SPECIFICATIONS

| Description | | Standard | | Option |
|---|---|---|---|---|
| Model | | CSA-V, CNA-V | | |
| Liquid Handled | Type of liquid | Clean Water, Industrial Water, River Water | | |
| | Temperature | Below 80ºC (176ºF) | | 81ºC-120ºC (177ºF-248ºF) (only applicable for Mechanical Seal Models) |
| Max. Positive Suction Pressure | | 0.981 MPa | 0.196 MPa | 0.981 MPa |
| Allowable negative suction pressure | | 0.03924 MPa | | |
| Construction | Shaft Seal | Mechanical Seal | Gland Packing | Mechanical Seal |
| | Bearing | Ball Bearing | | |
| | Lubrication | Grease | | |
| Material | Casing | Cast Iron | | |
| | Impeller | Bronze | | |
| | Shaft | SUS 316 | SUS 403 | SUS 404 |
| | Shaft sleeve | | Bronze | Bronze |
| Flange | Suction | JIS 16 KRF | | |
| | Discharge | JIS 16 KRF | | |
| Accessories | | | | |
| Standard | | Air vent piping, M.Seal or G. Packing, flushing water piping, Lift bolts. Drain piping (only applicable for G. Packing models) | | |
| Option | | Common base, Anchor bolts, Shaft coupling, Coupling guard | | |