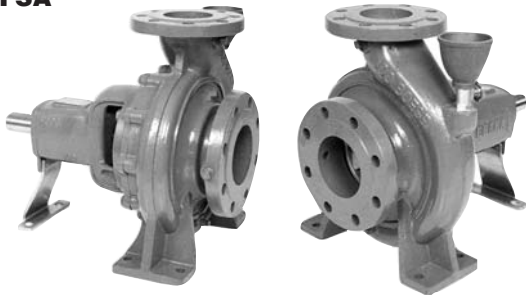


END SUCTION VOLUTE PUMPS

FSA

FSA



- Easy maintenance BPO (Back Pull Out) feature allows all rotating element to be removed without disconnecting the suction and discharge pipework.
- Higher operating efficiency over a wider range of capacities, lowers operational cost.
- Non-overload design to ensure stable performance for all applications.
- Wide range application with flow capacity up to 22 m³/min

APPLICATIONS

- Water supply
- Hot and cold water circulation
- For cooling tower
- Fire-fighting application
- Irrigation
- Industrial use
- Drainage
- Sprinkling
- Air-conditioning
- For swimming pool

SPECIFICATIONS

| Description | | Standard | | Optional | |
|--|---------------------|--|--------------------------------|--|---------------|
| | | 2 poles model | 4 poles model | 2 poles model | 4 poles model |
| Liquid | Name | Clean water | | | |
| | Temperature | 0 to 100° C (32 to 212 °F) | | | |
| Max. Working Pressure | | 10 bar (10.2kgf/cm ²) for standard flange JIS 10K RF | | 16 bar (16.3 kgf/cm ²) | |
| | | 16 bar (16.3kgf/cm ²) for standard flange JIS 16K RF | | | |
| Sync. Speed | 50Hz | 3000 min ⁻¹ | 1500 min ⁻¹ | | |
| | 60Hz | 3600 min ⁻¹ | 1800 min ⁻¹ | | |
| Installation | | Indoors | | Outdoors | |
| Construction | Impeller | Enclosed | | | |
| | Shaft seal | Mechanical seal | | Gland Packing | |
| | Sealing | Self flushing | | External flushing | |
| | Bearing | Sealed ball bearing | | Oil bath | |
| Flange | Suction & Discharge | Suction ϕ 150mm, except 100x65 FSKA : JIS 10K RF | 16 bar : JIS 16K RF: DIN PN-16 | | |
| | | 100x65 FSKA : JIS 16K RF | DIN PN-16 | | |
| | | Suction ϕ 150mm, except below models : JIS 10K RF | 16 bar : JIS 16K RF: DIN PN-16 | | |
| | | 150x100 FSKA; 150x100 FSNVA : JIS 16K RF | DIN PN-16 | | |
| | | Suction ϕ 200mm, except below models : JIS 10K RF | 16 bar : JIS 16K RF: DIN PN-16 | | |
| 200x150 FSLA; 200x150 FSNVA : JIS 16K RF | DIN PN-16 | | | | |
| Suction ϕ 250mm : JIS 16K RF | | | | | |
| Material | Casing | Cast Iron | | Ductile Cast Iron (FCD) | |
| | Impeller | Bronze Casting (CAC406/BC6) | | Cast Iron; Ductile Cast Iron (FCD) | |
| | Shaft | 403 Stainless steel | | 304; 316 Stainless steel | |
| | Seal | Mechanical Seal: Ceramic/Carbon/NBR | | Gland Packing : Teflon (PTFE) impregnated Mechanical seal : SiC/SiC | |
| Accessories | Bare shaft | | | Priming funnel : valve; Companion Flange | |
| | With motor | Common base, Coupling, Coupling guard | | Priming funnel : valve; Companion Flange | |

