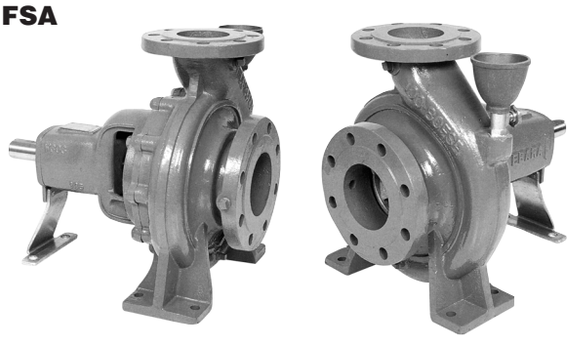
EBARA

END SUCTION VOLUTE PUMPS

FSA

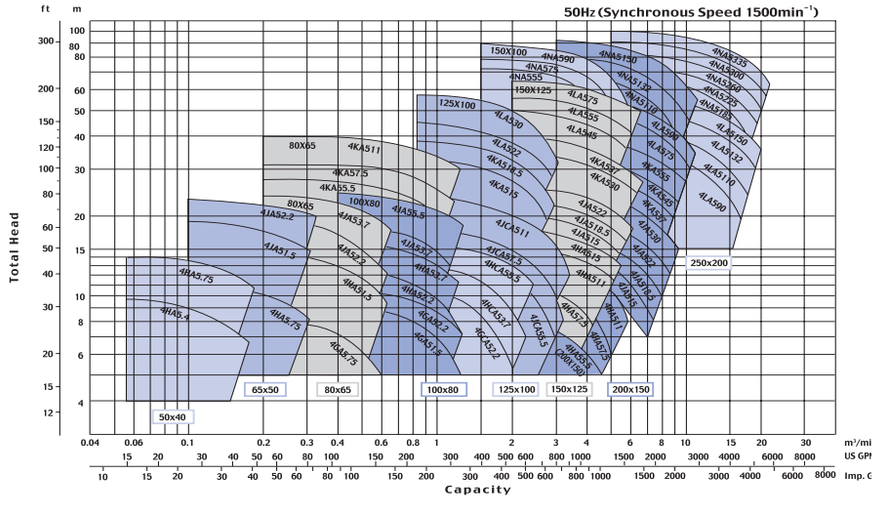
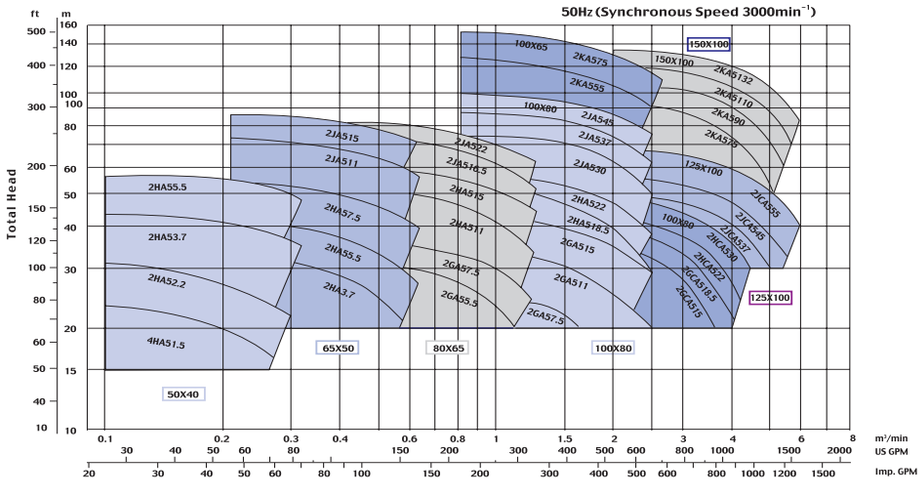
FSA



- 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/cm²)for standard flange JIS 10K RF		16 bar (16.3 kgfcm²)	
		16 bar (16.3kgf/cm²)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 & Disharge	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 FSNA : 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 FSNA : 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			Primming funnel : valve; Companion Flange	
	With motor	Common base, Coupling, Coupling guard		Primming funnel : valve; Companion Flange