

Ebara End Suction Volute Pump

Model FSA

Specifications

50 Hz

■ Pump

Description		Standard		Optional	
		2 poles model	4 poles model	2 poles model	4 poles model
Liquid	Name	Clean water			
	Temperature	0 to 80 °C (32 to 176 °F)			
Max. Working Pressure		10 bar (10.2 kgf/cm ²) for standard flange JIS 10K RF		16 bar (16.3 kgf/cm ²)	
		16 bar (16.3 kgf/cm ²) for standard flange JIS 16K RF			
Synchronous Speed		3000 min ⁻¹	1500 min ⁻¹		
Instalation		Indoors		Outdoors	
Construction	Impeller	Enclosed			
	Shaft seal	Mechanical seal		Gland Packing	
	Sealing	Self flushing		External flushing	
	Bearing	Sealed ball bearing		Oil bath (some models only)	
Flange	Suction & Discharge	Suction < φ 150 mm, except 100x65 FSKA : JIS 10K RF		16 bar : JIS 16K RF; DIN PN-16	
		100x65 FSKA : JIS 16K RF		DIN PN-16	
		Suction = φ 150 mm, 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 200 mm, except below models : JIS 10K RF		16 bar : JIS 16K RF; DIN PN-16	
		200x150 FSLA; 200x150 FSNA : JIS 16K RF		DIN PN-16	
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	

■ Paint

Part Name	Material (JIS Code)	Standard		Optional Inner Surface
		Inner Surface	Outer Surface	
Casing	Cast Iron (FC)	1 coat of Zinc chromate primer	Under coat - 1 coat of Zinc chromate primer Finish coat	1 coat of Tar epoxy resin
Bearing Housing Bearing Cover	Cast Iron (FC)		- 1 coat of Phthalic resin enamel	
Common Base	Cast Iron (FC)	Under coat - 1 coat of Zinc chromate primer Finish coat - 1 coat of Phthalic resin enamel		
	Steel			