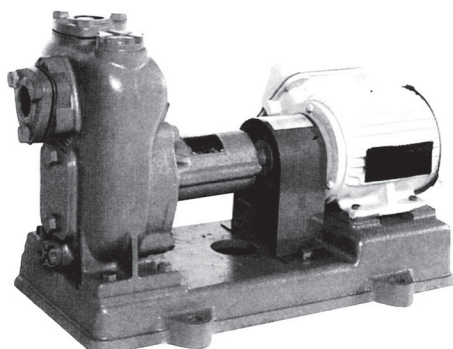
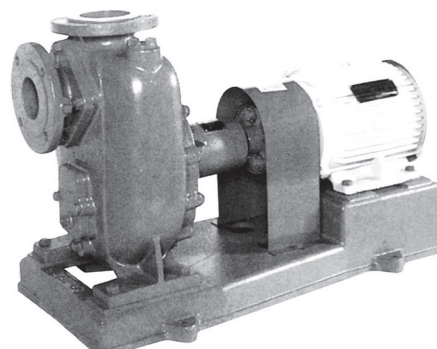


SELF PRIMING VOLUTE PUMPS



Semi-open impeller type



Enclosed impeller type

APPLICATIONS

- Building drainage
- Agriculture water supply
- Miscellaneous water supply and drainage

FEATURES

- No priming is required except for initial use
- Special design of casing provides very quick priming
- Water mixed with a little sand or mud can be pumped up due to semi-open impeller design
- Grease lubrication ensures long life of mechanical seal

APPLICATIONS

- Water supply
- Agriculture
- Sprinkling

FEATURES

- No priming is required except for initial use
- Special design of casing provides very quick priming
- High efficiency is achieved due to enclosed impeller
- No need of lubrication due to sealed ball bearing

SPECIFICATIONS

	Semi-open impeller type		Enclosed impeller type	
	Standard	Optional	Standard	Optional
Liquid	Turbid water, Muddy or Sandy water, fresh water		Fresh water or equivalent	
Temperature	0 ~ 40°C (32 ~ 104°F)		0 ~ 40°C (32 ~ 104°F)	
Re. NPSH	Below 5m (at 20°C)		Below 5m (at 20°C)	
Synchronous speed	1500 min ⁻¹ / 50Hz		1500 min ⁻¹ / 50Hz	
Installation	Indoors		Indoors	
Material				
Casing	Cast iron		Cast iron	
Impeller	Cast iron	Bronze	Cast iron	Bronze
Shaft	Carbon steel	403 stainless steel	403 stainless steel	
Flange	Standard for model SQ		JIS 10kgf/cm ² GR.F.	
Construction				
Nozzle position	End suction, top discharge		End suction, top discharge	
Impeller type	Semi-open		Enclosed	
Stuffing box	Mechanical seal		Mechanical seal	
Bearing	Sealed ball bearing		Sealed ball bearing	
Accessories	[Bare shaft pump] Priming funnel 1 Companion flanges (with bolts) 2 set [With motor] Common base 1 Coupling 1 set Coupling guard 1	Strainer Anchor bolts Automatic air vent valve Pressure gauge Compound gauge Vacuum gauge Check valve Check valve	[Bare shaft pump] Priming funnel 1 [With motor] Common base 1 Coupling 1 set Coupling guard 1	Strainer Companion flange (with bolts) Anchor bolts Automatic air vent valve Pressure gauge Compound gauge Vacuum valve Gate valve Check valve