EBARA

SUBMERSIBLE SUMP PUMPS

DS

DS

APPLICATIONS

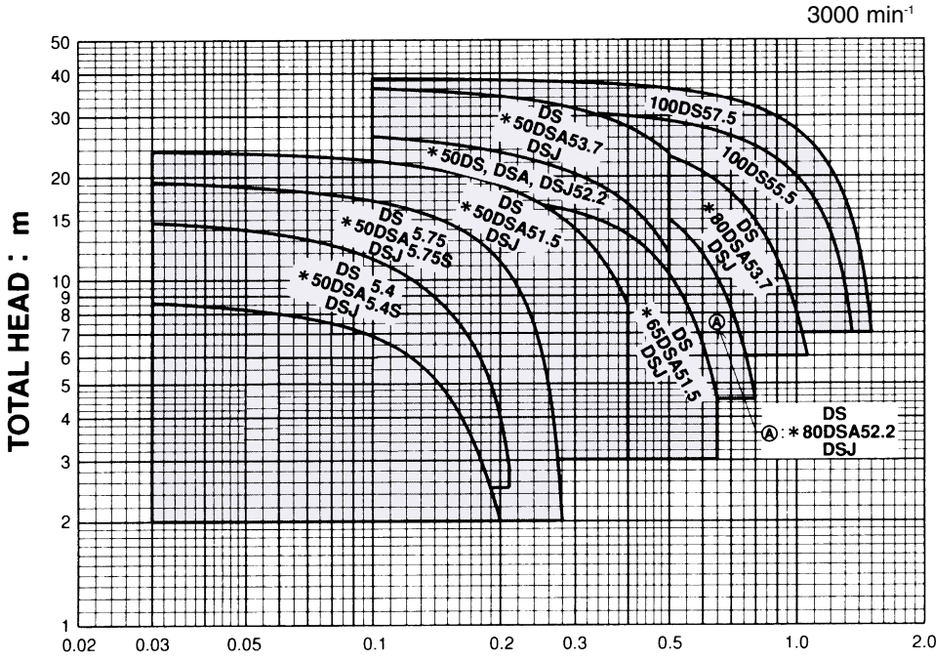
- Sump pump drainage
- Irrigation
- Rain & spring water drainage
- Sump dewatering

MATERIALS

- Portable and light-weight
- Built-in motor protection device
- Efficient semi-open impeller used
- Strainer prevents blockages
- DSA model permits automatic operation
- Automatic-alternating operation with DSA and DSJ models
- Q.D.C. (optional) for simple maintenance

SPECIFICATIONS

Pump			
Liquid Handled	Type of liquid		Sump
	Temperature		0°C~40°C for DS, DSA; 0°C~32°C for DSJ
	Max solids size		50:5mm, 65:6mm, 80:7mm, 100:8mm
Maximum Submergence			0.4~1.5kW = 4m; 2.2~7.5kW = 8m
Maximum Submergence			Refer to water level (L.W.L.) in Dimensions. It is possible to operate at low water level for 30min.
Synchronous Speed			3000min^{-1}
Construction	Mechanical		Double mechanical seal
	Impeller		Semi-open
	Bearing		Prelubricated bearing
Material	Casing		Cast iron
	Impeller		Cast iron
	Shaft		403 Stainless Steel
	Mechanical Seal	Impeller side	Silicon carbide
		Motor side	Ceramic / Carbon
	Packing		NBR
Motor			
Type	2 pole, air-filled watertight		
Insulation	Class F		
Protection	Built in overload protector		
Accessories			
Standard	Cast Iron Companion flange with bolts, Submersible cable: 0.4~1.5kW x 6m, 2.2~7.5kW x 10m, Float switch (for DSA, DSJ)		
Optional	Quick discharge connector, Float switch (for DS only)		



Note: DSH models for hot water are limited to asterisk* marked, manual type, Three phase pumps only.