EBARA

SUBMERSIBLE SEMI-VORTEX SEWAGE PUMPS DVS

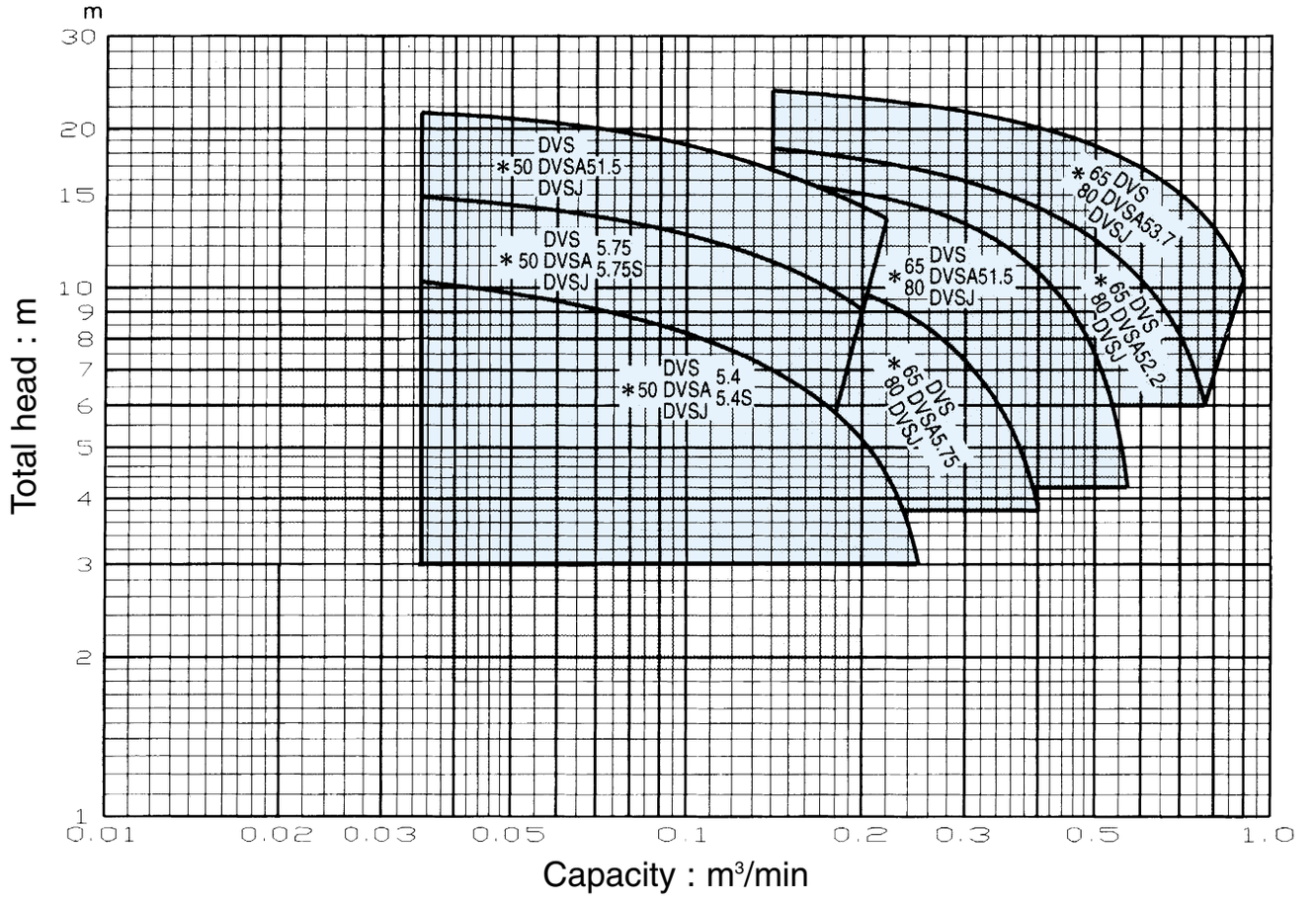
DVS

APPLICATIONS

- Ideal for waste water application containing soft or fibrous solids
- Industrial waste water drainage
- Septic effluent
- Miscellaneous drainage

SPECIFICATIONS

Liquid handled Liquid temperature	River water, sewage 40ºC for Model DVS, DVSA 70ºC for Model DVSH (0.4 to 0.75 kW, three-phase, manual type) 80ºC for Model DVSH (1.5 to 3.7 kW, three-phase, manual type) 32ºC for Model DVSJ		
OPERATING DATA			
Solid diameter	**Pump size** **Solid size** 40.....25 mm 50.....32 mm 65 (80).....45 mm		
Max. submergence	0.25 to 1.5 kW.....4 m 2.2, 3.7 kW.....8 m		
Min. submergence	Refer to water level (L.W.L) in dimensions. It is possible to operate at low water level for 30 minutes.		
Synchronous speed	3000 min^{-1} / 50Hz		
CONSTRUCTION		***MOTOR***	
Mechanical seal Impeller	Double mechanical seal Semi-vortex	Motor Insulation class Output Protection Bearing	2 pole, dry F, H (model DVSH only) Single phase.....0.25 to 0.75 kW Three phase.....0.25 to 3.7 kW Built-in thermal protector Sealed ball
MATERIALS			
Casing Impeller Shaft	Cast iron Cast iron 403 stainless steel		
MECHANICAL SEAL		***ACCESSORIES***	
Impeller side Motor side Packing	Silicon carbide / Silicon carbide Ceramic / Carbon NBR	Accessories	Companion flange with bolts.....1 set Submersible cable 0.25 to 1.5 kW.....6 m 2.2, 3.7 kW.....10 m Quick discharge connector (option)

SELECTION CHART

3000 min^{-1}