

DVS


APPLICATIONS

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

SPECIFICATIONS

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