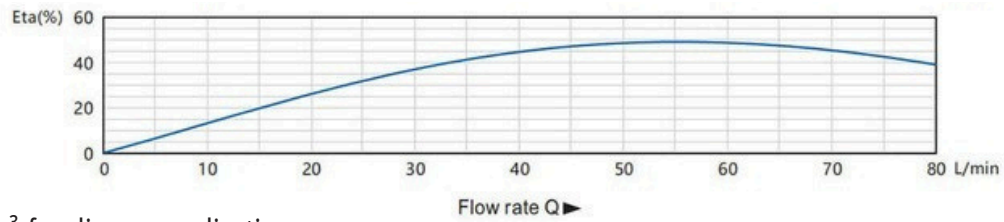
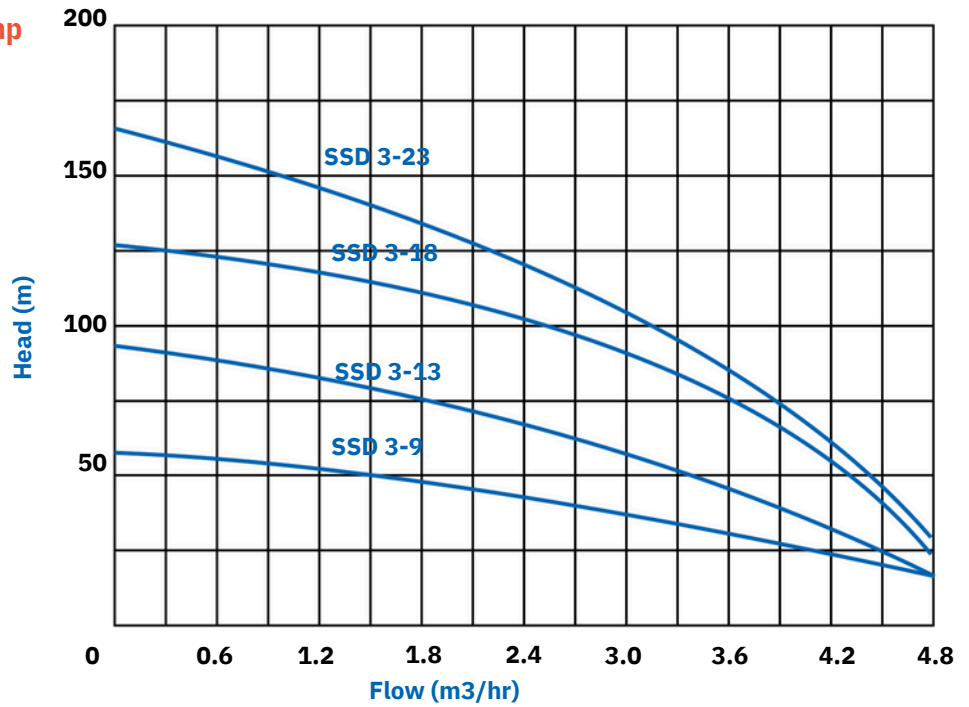


SSD 3 Submersible Borehole Pump



Typical Applications

- Pump clean water with sand content <math>< 150\text{g/m}^3</math> for diverse applications.
- Extract water efficiently from wells for various agricultural needs.
- Utilize the pump for river-based water extraction and distribution purposes.
- Support farm irrigation systems, ensuring optimal water supply for crops.
- Provide reliable water supply solutions for various domestic and industrial uses.
- Facilitate efficient water extraction in mining operations for diverse applications.

Operating Conditions

- Water temperature up to 35 °C
- Ambient temperature permissible up to 40°C
- SSD3 Minimum internal diameter of well: 4"(100mm)
- Maximum sand content: 0.25%
- Maximum immersion depth: 80m

Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy
Coupling and outlet	Brass, Stainless steel
Shaft coupling	AISI304 SS

Technical Data

Model	Motor		Voltage (V)	Current (A)	Istart / I	DN(")	Dimensions (mm)			Weight (Kg)
	kW	HP					P	M	T	
SSD 3-9	0.55	0.75	1x240	4.3	4	1¼	440	378	770	10
SSD 3-13	0.75	1		5.4			520	398	870	14
SSD 3-18	1.1	1.5		6.8			707	438	1097	17
SSD 3-23	1.5	2		8.7			810	505	1268	21

