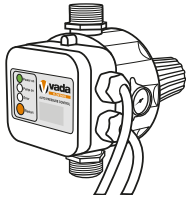



SUBMERSIBLE PUMP SPEC SHEET



COMPATIBLE VADA PRODUCTS:



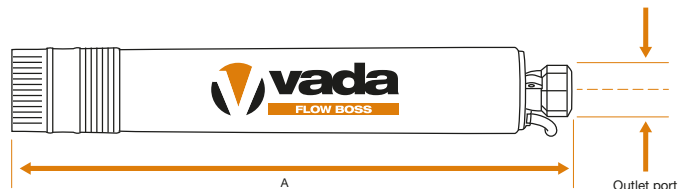
Vada Flow Boss
 Automatic Pressure Control
 VFB-APC



Vada Flow Boss
 Digital Water Switching Unit
 VFB-DSU


PRODUCT DIMENSIONS:

A. 643mm Outlet port: 32mm FI
 B. Ø98mm Free bore: 2mm
 Weight: 10.8kg




APPLICATIONS:

The Vada Flow Boss Submersible Pump VFB-S75 is suitable for the following applications:

	Water source switching (tank/main)	Domestic pressure systems	Domestic Water transfer (clean water only)	Hose watering	Irrigation systems
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The Vada Flow Boss Submersible Pump VFB-S75 is not suitable for the following applications:

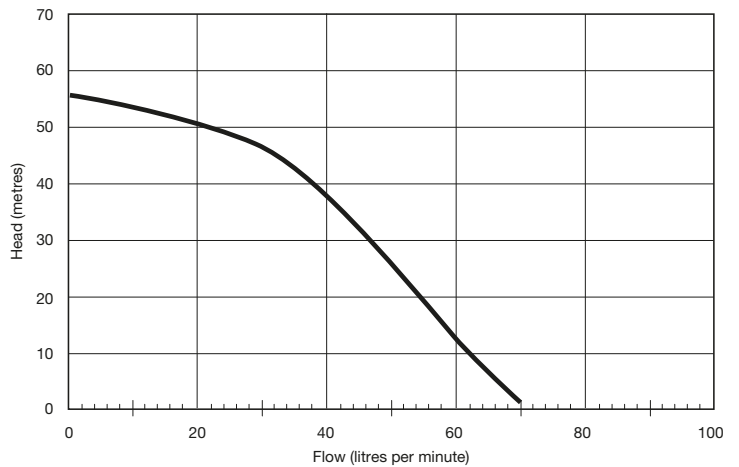
	Borehole applications	Drainage of stormwater pits	Pumping of blackwater (wastewater with toilet discharge)	Pumping aggressive or inflammable liquids	Pumping liquid containing abrasive solids (stones, ceramics etc.)
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PUMP PERFORMANCE CURVE

Pump curves are a great tool to understand your pumps performance capabilities. In relation to head (metres) and flow (litres per minute). Pump curves can be interpreted by tracing your finger along the head (metres) across to flow (litres per minute).

For example, in this pump performance curve, you can see that if the Vada Flow Boss Submersible Pump VFB-S75 has a discharge head between 28–48 metres then the pump will produce between 32–48 l/min.



USAGE LIMITATIONS	
Liquid type	Clean water with no suspended solids or abrasive material
Max Liquid Temperature	40°C
Max submersion depth	17m
IP Rating	IP68

CONSTRUCTION	
Pump casing	AISI 304 stainless steel
Suction Grid	AISI 304 stainless steel
Base	Noryl
Impeller	Acetal resin
Motor shaft	Immersed part – AISI 303 stainless steel Motor side – carbon steel
Mechanical seals	Carbon graphite/ceramic/NBR
Power cable	10m
Non-return valve	Thermoplastic with NBR o-ring integrated
Discharge head	Noryl (PPO)

POWER		
Nominal power	HP	0.80
	kW	0.60
Absorbed power	HP	1.20
	kW	0.90
Voltage	1~230V–240V 50Hz	
Full load amps	3.8	
Capacitor size	16uF	

MOTOR	
IP Rating	IP68 (motor)
Speed of Rotation	2850rpm (motor)
Insulation	Class F (motor)
Thermal protection built into the motor winding	
Suitable for continuous use	
Single phase power supply with capacitor permanently activated	
Completely insulated cable connection chamber	

Q	L/1'	0	20	40	60
	m3/h		1.2	2.4	3.6
Discharge in meters		56	48.9	38.1	19

AS/NZS 4020 compliance.