SCS90P-3

PM VFD Multistage Stainless Steel Pump

The SCS90P-3 is the compact stainless multistage pump for homes that want every wetted part in stainless steel — body, impeller and shaft are all stainless, so the water touches no other metal. Five stages from 0.24 to 0.47 kW deliver up to 75 L/min across 25 to 45 m of head, the lowest power band of the stainless multistage models. G 1-inch threaded ports, 7 m of suction lift and a 6.4 kg body make it a small-footprint multistage unit for clean-water boosting on mains or tank supply.
Energy: Compared with a same-power conventional fixed-speed pump at the same flow/head duty point under constant-pressure conditions, energy saving is 60% or more.

Key features

- Stable performance across wide voltage 170 - 250 V and frequency 50 / 60 Hz
- Smaller size, lighter weight, higher efficiency, lower noise and stronger suction
- Simple operation with automatic start and stop and a two-button interface
- Smart fault diagnosis with alarm, self check and fault prediction
- Water cooled motor and controller, no fan cooling
- Maximum outlet pressure 3.8 bar above the inlet pressure

Technical data

Power	Power Min (kW)	Power Max (kW)	Current (A)	Qmax (L/min)	Hmax (m)	Suction (m)
Power 1	0.24	0.47	5.1	75	25	7
Power 2	0.30	0.47	5.1	75	30	7
Power 3	0.38	0.47	5.1	75	35	7
Power 4	0.43	0.47	5.1	75	40	7
Power 5	0.47	0.47	5.1	75	45	7

Working conditions

Media	Thin, clean, non-solidifying, non-flammable liquid
Solids	No particles or fibres larger than 0.2 mm
Liquid temperature	5 - 70 °C, pH 6.5 - 8.5
Ambient temperature	0 - 40 °C, humidity up to 85%
Max working pressure	10 bar
Max outlet pressure	Inlet pressure + 3.8 bar

Installation

Model	Inlet	Outlet	a	b	c	d	e	f	g	h	Gross weight
SCS90P-3	G1 inch	G1 inch	222	90	82	155	95	7	72	236	6.4 kg

Packing

The specification confirmed for an order is the one stated in the order confirmation.

Packing	Carton with plywood tray
Carton size	27 x 19.5 x 28 cm
Gross weight	6.4 kg

Applications

- Villa & Multi-Storey Homes
- Rooftop Tank & Water Tower Boosting
- HVAC System

Fujian Calliope Pumps Co., Ltd. — For quotations, OEM/ODM projects and distributor applications, contact the export team at cason@calliopepump.com or via WhatsApp +86 178 0591 6566. See the full model page at www.calliopepump.com/products/scs90p-3.

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