Company name:
Created by:
Phone:

Date: 16/03/2018

Position	Qty.	Description
	1	**SCALA2 3-45 A**

Product No.: 98562865

Grundfos SCALA2 is a fully integrated, self-priming, compact waterworks for pressure boosting in domestic applications.

SCALA2 incorporates integrated speed control enabling the keeping of the perfect pressure at the taps, meaning that the pump performance will increase with increasing demand.

SCALA2 can be installed in three easy steps:
1. Connect the pipes.
2. Prime the pump.
3. Plug the pump into the power outlet and the pump will start.

Grundfos SCALA2 has all the components necessary
to ensure a comfortable pressure:
• intelligent controller
• integrated speed-controlled drive
• integrated tank
• integrated sensors
• integrated non-return valves.

As it is self-priming, the SCALA2 is able to pump water from a level below the pump. Provided it is filled with water, the pump is able to lift water from a depth of 8 m in less than 5 minutes. This facilitates easy installation and start-up of the pump and provides more reliable water supply in installations where there is a risk of dry running and leakages in suction hose or pipes.

If exposed to dry running, water shortage or excessive temperature, blocked pump, for example in case of seizure or overload, the pump will stop automatically, thus preventing a motor burnout.

The pump features an automatic reset function. In case of dry running or similar alarm, the pump will stop. Restarting will be attempted every 5 minutes 8 times, there after new restart attempt will occur every 24 hours. The automatic reset function can be deactivated.

Thanks to its hydraulic design, permanent magnet motor and water cooling, the pump is extremely low-noise, 47 dB(A) in typical use, which makes it suitable for indoor as well as outdoor use. Max noise level at full load are 53 dB(A)

The built-in pressure tank reduces the number of starts and stops in case of leakages in the pipe system, causing less wear on the pump.

SCALA2 require no maintenance, but it is recommended to keep the pump clean, check the non-return valves and keep the ventilation holes free of dust

Liquid:

Pumped liquid:	Water
Liquid temperature range:	0 .. 45 °C
Liquid temperature during operation:	20 °C

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Position	Qty.	Description	
		Density:	998.2 kg/m³
		Technical:	
		Rated flow:	3 m³/h
		Rated head:	27 m
		Primary shaft seal:	CARBON/CERAMIC
		Approvals on nameplate:	CE,VDE
		Approvals for drinking water:	WRAS,ACS
		Curve tolerance:	ISO9906:2012 3B
		Materials:	
		Pump housing:	NORYL FE1630PW PPE+PS-GS30
		Impeller:	NORYL FE1630PW PPE+PS-GS30
		Installation:	
		Range of ambient temperature:	0 .. 55 °C
		Maximum operating pressure:	10 bar
		Maximum permissible inlet pressure:	6 bar
		Pipe connection:	G 1 Composite
		Electrical data:	
		Power input - P1:	550 W
		Mains frequency:	50 Hz
		Rated voltage:	1 x 200-240 V
		Rated current:	2.8 A
		Enclosure class (IEC 34-5):	IPX4D
		Insulation class (IEC 85):	F
		Length of cable:	2 m
		Power plug:	NO PLUG
		Others:	
		Net weight:	9.5 kg
		Gross weight:	11.8 kg
		Shipping volume:	0.044 m³
		Storage temperature range:	-40 .. 70 °C

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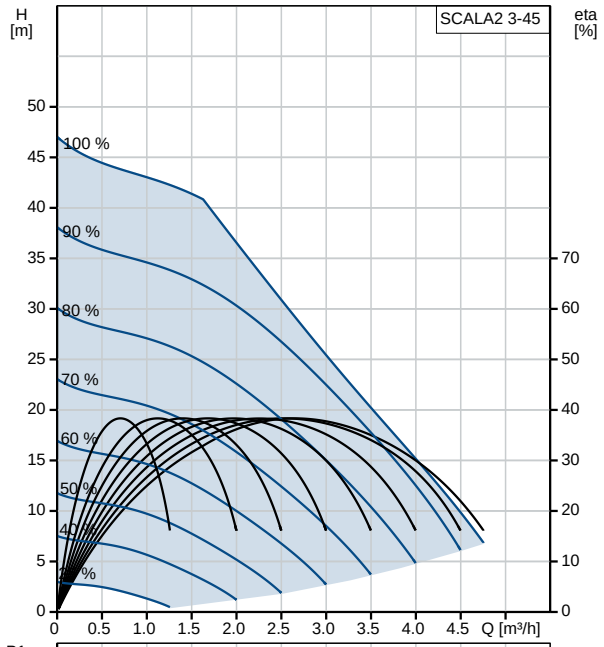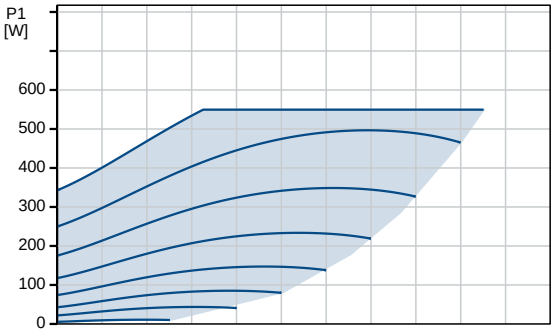
Description	Value
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