

PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____

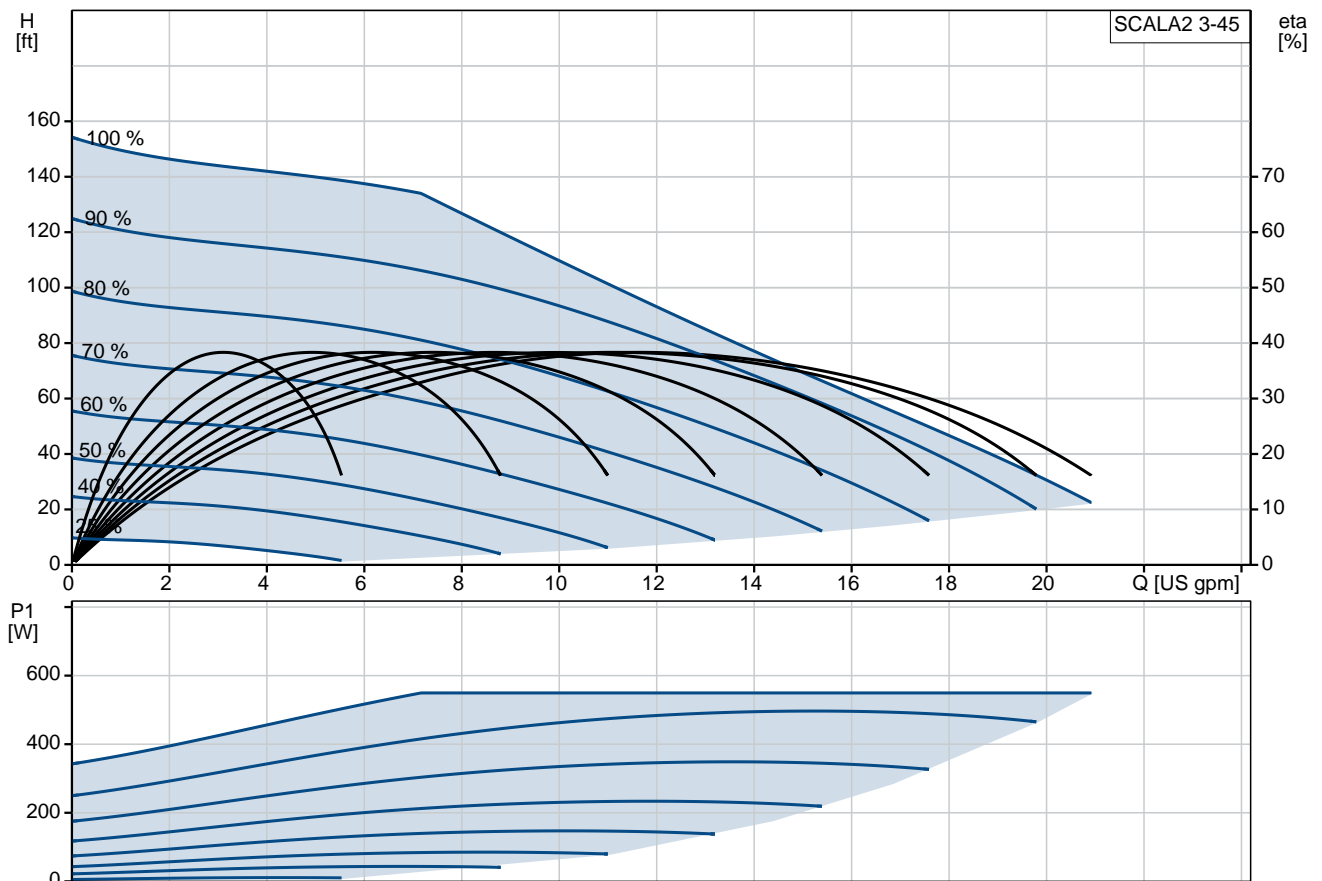


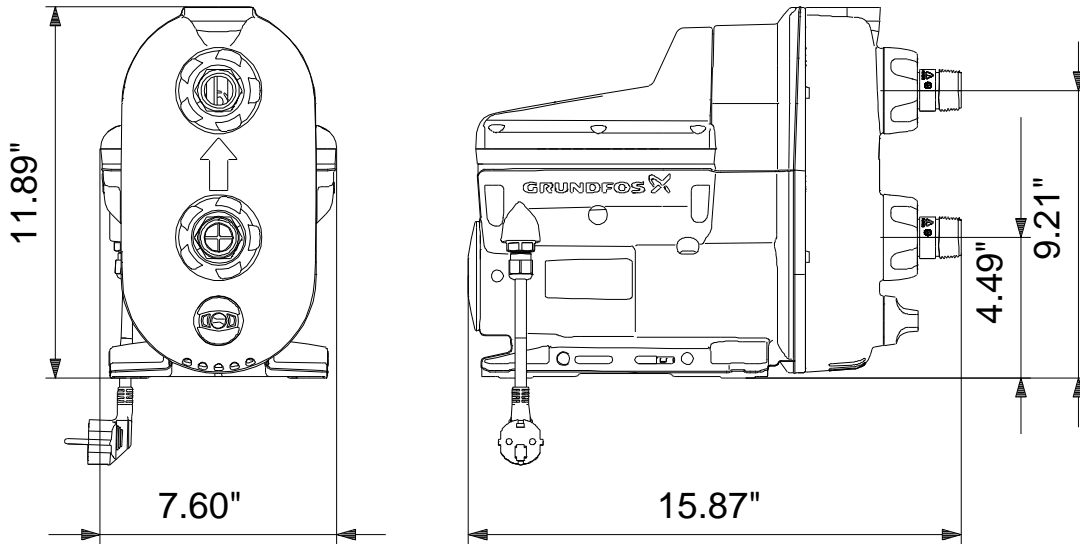
SCALA2 3-45

Selfpriming, constant pressure, multistage water booster pump

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Maximum operating pressure: 145 psi	Rated voltage: 115 V
Head: _____	Liquid temperature range: 32 .. 113 °F	Main frequency: 60 Hz
Efficiency: _____	Maximum ambient temperature: 113 °F	Enclosure class: ENCLOSURE TYPE 3
Liquid: Water	Pipe connection: NPT 1 Composite	Insulation class: F
Temperature: 68 °F	Product number: 98562818	
NPSH required: ft		
Viscosity: _____		
Specific Gravity: 1.000		





Materials:

Pump housing: NORYL FE1630PW
PPE+PS-GS30

Impeller: NORYL FE1630PW
PPE+PS-GS30

Material code: A



Company name:

Created by:

Phone:

Date:

6/12/2017

Tender Text

SCALA2 3-45 A

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 attempts 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 maintainance, 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: 32 .. 113 °F
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Rated flow: 13.2 US gpm
Rated head: 88.59 ft
Primary shaft seal: CARBON/CERAMIC
Approvals on nameplate: cULus
Approvals for drinking water: cULus NSF372,cULus DW NSF61
Curve tolerance: ISO9906:2012 3B

Materials:



Company name:

Created by:

Phone:

Date:

6/12/2017

Pump housing: NORYL FE1630PW PPE+PS-GS30
Impeller: NORYL FE1630PW PPE+PS-GS30

Installation:


Range of ambient temperature: 32 .. 113 °F
Maximum operating pressure: 145 psi
Maximum permissible inlet pressure: 87 psi
Pipe connection: NPT 1 Composite

Electrical data:

Power input - P1: 550 W
Main frequency: 60 Hz
Rated voltage: 1 x 115 V
Rated current: 4.9 A
Enclosure class (IEC 34-5): ENCLOSURE TYPE 3
Insulation class (IEC 85): F
Length of cable: 6.562 ft
Power plug: Type B (NEMA 5-15)

Others:

Net weight: 22.1 lb
Gross weight: 28.2 lb
Shipping volume: 1.55 ft³
Storage temperature range: -40 .. 158 °F

Position	Count	Description
	1	<p>SCALA2 3-45 A</p>  <p>Product No.: 98562818</p> <p>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.</p> <p>SCALA2 can be installed in three easy steps:</p> <ol style="list-style-type: none"> 1. Connect the pipes. 2. Prime the pump. 3. Plug the pump into the power outlet and the pump will start. <p>Grundfos SCALA2 has all the components necessary to ensure a comfortable pressure:</p> <ul style="list-style-type: none"> • intelligent controller • integrated speed-controlled drive • integrated tank • integrated sensors • integrated non-return valves. <p>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.</p> <p>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.</p> <p>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 attempts will occur every 24 hours. The automatic reset function can be deactivated.</p> <p>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)</p> <p>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.</p> <p>SCALA2 require no maintainance, but it is recommended to keep the pump clean, check the non-return valves and keep the ventilation holes free of dust</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: 32 .. 113 °F Liquid temperature during operation: 68 °F</p>



Company name:

Created by:

Phone:

Date:

6/12/2017

Position	Count	Description
		Density: 62.29 lb/ft ³
		Technical:
		Rated flow: 13.2 US gpm
		Rated head: 88.59 ft
		Primary shaft seal: CARBON/CERAMIC
		Approvals on nameplate: cULus
		Approvals for drinking water: cULus NSF372,cULus DW NSF61
		Curve tolerance: ISO9906:2012 3B
		Materials:
		Pump housing: NORYL FE1630PW PPE+PS-GS30
		Impeller: NORYL FE1630PW PPE+PS-GS30
		Installation:
		Range of ambient temperature: 32 .. 113 °F
		Maximum operating pressure: 145 psi
		Maximum permissible inlet pressure: 87 psi
		Pipe connection: NPT 1 Composite
		Electrical data:
		Power input - P1: 550 W
		Main frequency: 60 Hz
		Rated voltage: 1 x 115 V
		Rated current: 4.9 A
		Enclosure class (IEC 34-5): ENCLOSURE TYPE 3
		Insulation class (IEC 85): F
		Length of cable: 6.562 ft
		Power plug: Type B (NEMA 5-15)
		Others:
		Net weight: 22.1 lb
		Gross weight: 28.2 lb
		Shipping volume: 1.55 ft ³
		Storage temperature range: -40 .. 158 °F