

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

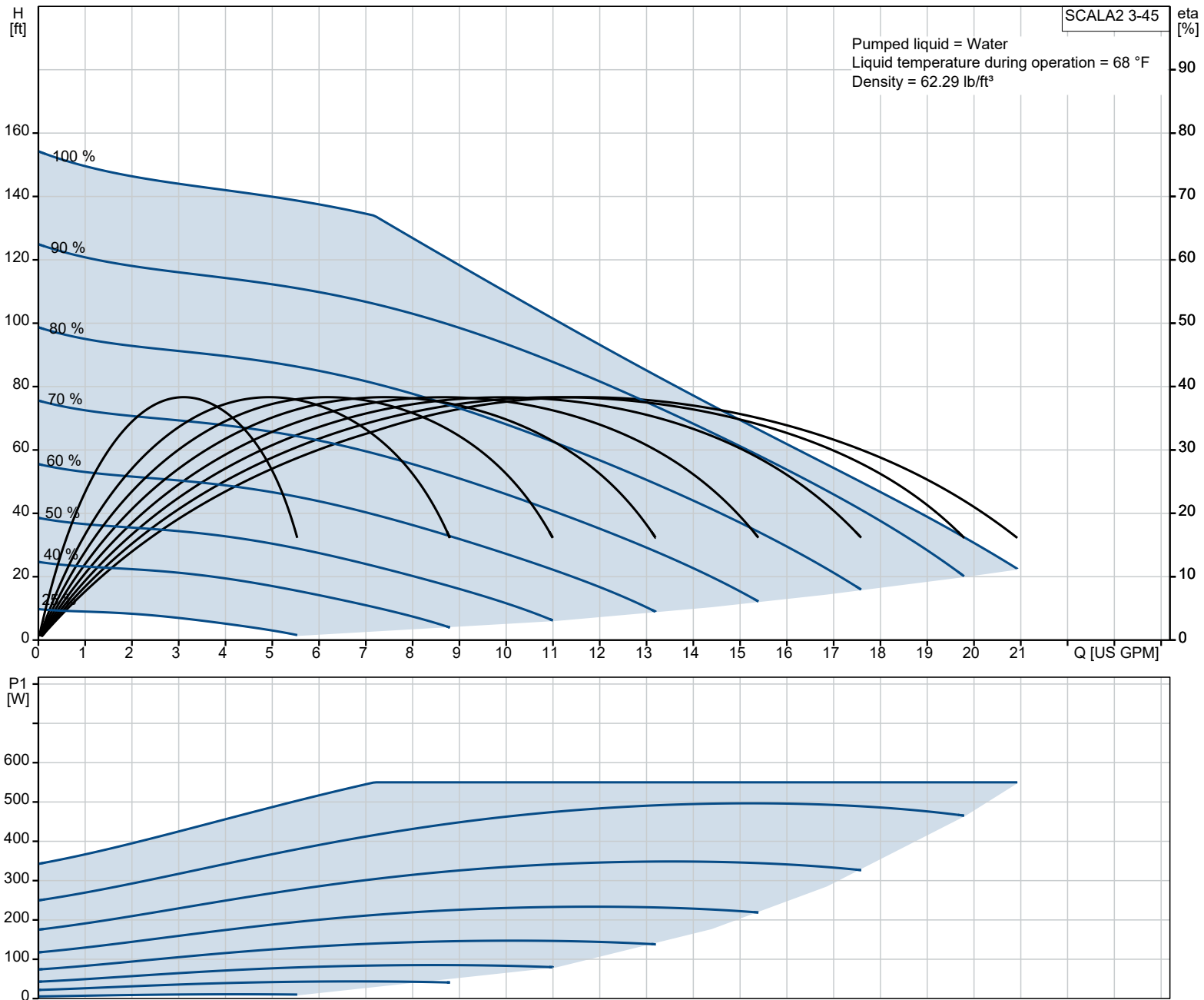


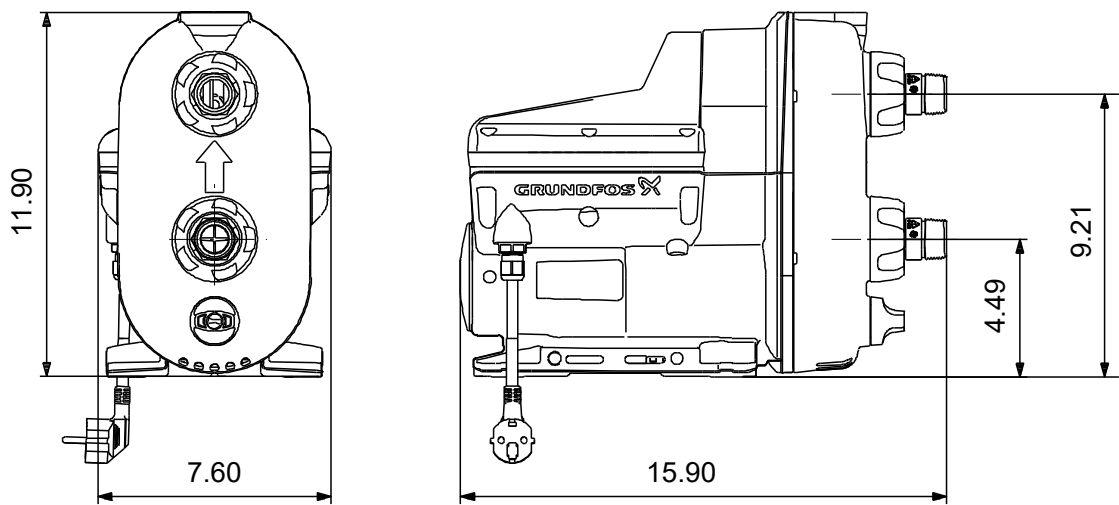
SCALA2 3-45 A

SCALA2 is an integrated, self-priming, compact water booster pump. It is designed for perfect pressure inside the home. It’s quiet, easy to install, and maintains consistent pressure in all taps at all times.

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Liquid temperature range:	32 .. 113 °F	Rated voltage:	115 V
Temperature:	68 °F	Maximum ambient temperature:	113 °F	Mains frequency:	60 Hz
Specific Gravity:	1.000	Product number:	98562818	Enclosure class:	ENCLOSURE TYPE 3





Materials:
Pump housing: Composite
Impeller: Composite
Impeller: NORYL FE1630PW PPE+PS-GS30
Material code: A

Qty.	Description																								
1	SCALA2 3-45 A  Product No.: 98562818 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 <table> <tr> <td>Liquid:</td><td></td></tr> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>32 .. 113 °F</td></tr> <tr> <td>Selected liquid temperature:</td><td>68 °F</td></tr> <tr> <td>Density:</td><td>62.29 lb/ft³</td></tr> </table> <table> <tr> <td>Technical:</td><td></td></tr> <tr> <td>Rated flow:</td><td>13.2 US GPM</td></tr> <tr> <td>Rated head:</td><td>88.59 ft</td></tr> <tr> <td>Primary shaft seal:</td><td>CARBON/CERAMIC</td></tr> <tr> <td>Approvals:</td><td>cULus</td></tr> <tr> <td>Approvals for drinking water:</td><td>cULus NSF372,cULus DW NSF61</td></tr> <tr> <td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr> </table>	Liquid:		Pumped liquid:	Water	Liquid temperature range:	32 .. 113 °F	Selected liquid temperature:	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:	cULus	Approvals for drinking water:	cULus NSF372,cULus DW NSF61	Curve tolerance:	ISO9906:2012 3B
Liquid:																									
Pumped liquid:	Water																								
Liquid temperature range:	32 .. 113 °F																								
Selected liquid temperature:	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:	cULus																								
Approvals for drinking water:	cULus NSF372,cULus DW NSF61																								
Curve tolerance:	ISO9906:2012 3B																								



Company name:
Created by:
Phone:

Date: 27/06/2023

Qty.	Description
1	Materials: Pump housing:Composite Pump:NORYL FE1630PW PPE+PS-GS30 Impeller:Composite NORYL FE1630PW PPE+PS-GS30 Installation: Range of ambient temperature:32 .. 113 °F Maximum operating pressure:PN 10 bar Maximum permissible inlet pressure:87 psi Type of inlet connection:NPT(M) Type of outlet connection:NPT(M) Size of inlet connection:1 inch Size of outlet connection:1 inch Pressure rating for connection:PN 10 Electrical data: Power input - P1:550 W Rated power - P2:0.603 HP Mains 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:6.56 ft Power plug:Type B (NEMA 5-15) US plug 115V Others: Net weight:21.3 lb Gross weight:27.1 lb Shipping volume:1.52 ft³ Storage temperature range:-40 .. 158 °F Country of origin:RS Custom tariff no.:8413.70.2040