

**Qty. Description**

1 SE.A60.175.4.52H.EX.60S.A



Note! Product picture may differ from actual product

Product No.: [99960675](#)

Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage.

The pump is designed for intermittent and continuous operation. The cooling jacket ensures that the pump can operate submerged or dry installed. The Open S-tube® impeller has a significant non-clogging ability to handle compressible solids to ensure consistent and reliable operation.

A SmartTrim impeller clearance adjustment system makes it possible to maintain maximum performance. For installation on auto coupling, the Grundfos SmartSeal gasket system provides a leak-proof connection.

The pump comes with a high efficient Grundfos motor built on IE3 motor components. The pump is explosion-proof.

**Controls:**

Moisture sensor: Y

**Liquid:**

Liquid temperature range: 10 .. 40 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m³

**Technical:**

Maximum flow: 93.9 l/s

Type of impeller: OPEN S-TUBE

Approvals: FM

Curve tolerance: ANSI/HI11.6:2017 3B

Cooling jacket (Yes/No): Y

Lifting height class: H

**Materials:**

Pump housing: Cast iron  
EN 1561 EN-GJL-250  
ASTM A48 35B

Impeller: Cast iron  
EN 1561 EN-GJL-250  
ASTM A48-35B

Motor: Cast iron  
EN 1561 EN-GJL-250  
ASTM A48 35B

Shaft seal: SIC

Secondary shaft seal: SIC/CARBON

**Installation:**

Range of ambient temperature: -20 .. 40 °C

Flange standard: ANSI

Size of inlet connection: 6 inch

Size of outlet connection: 6 inch



Company name:

Created by:

Phone:

Date:

28/06/2024

Qty.	Description
1	<p>Pressure rating: PN 10 Maximum installation depth: 20 m Auto-coupling: 97695489 Inst horizontal: 99867050 Base stand: 92593750 Frame range: 52</p> <p>Electrical data: Power input P1: 14.4 kW Rated power - P2: 13 kW Voltage tolerance: +10/-10 % Max starts per hour: 20 Rated current: 50 A Maximum current consumption: 50 A Starting current: 478 A Rated current at no load: 24.5 A Rated speed: 1785 rpm Motor efficiency at full load: 90 % Motor efficiency at 3/4 load: 89 % Motor efficiency at 1/2 load: 86 % Number of poles: 4 Method of start: D Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): H Explosion proof: yes Cable type: S1BN8-F Length of power cable: 15 m Winding resistance: 0.123 Ohm Cos phi 1/1: 0.81 Cos phi 1/2: 0.64 Cos phi 3/4: 0.75</p> <p>Others: Net weight: 334 kg Shipping volume: 1.04 m<sup>3</sup></p>