Sewage lifting units
Kompaktboy SE 71.3 D 400 V
sewage lifting unit with grinder pump

Features:

- polyethylene container with 55 litres capacity and up to 45 litres switching volume
- built-up grinder pump with robust, adjustable cutting system made of corrosion-resistant special alloy
- two mechanical seals with intermediate oil chamber
- pressure outlet flange DN 50 with flanged connecting bend and non-return ball valve 1 1/4" FPT
- inlets: 3 x lateral DN 100 and 1 x top DN 50/100
- additional connections 1 ½" for manual diaphragm pump
- air vent DN 70 (Ø 75mm)
- operation temperature max. 55°C
- operating mode S3 - 25%
- protection grade IP 68 - fully submersible

Application:

- pumping of domestic sewage from basement apartments or single-family houses for greater heads or long pressure pipes
- above-ground installation in frost-free rooms below the backflow level
- fits into manholes with a cover > Ø 590 mm

Scope of delivery:

- pre-assembled lifting unit with 3,5 m connection cable to the motor and 3,5 m pneumatic tube to the control
- 90° pump connecting bend DN 50
- non-return ball valve 1 1/4" FPT
- flexible connection with tension clamps for ventilation pipe
- incl. ZPS1: comfortable, pneumatic level control with microcontroller, LCD plain text display for filling level, maintenance, operating hours, fault message and alarm signal in switchbox for indoor installation
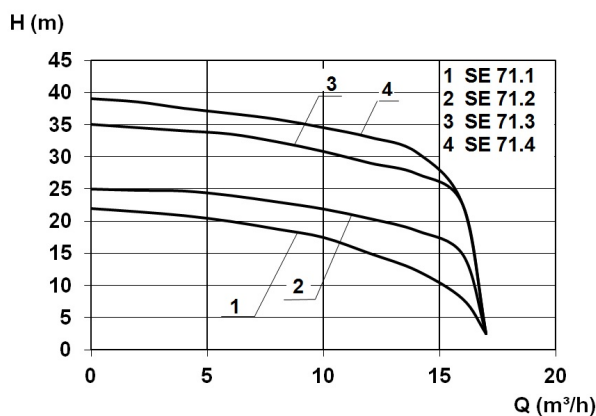
Product benefits:

- compact dimensions
- pre-assembled - connection pieces & non-return valve included
- comfort control unit included in delivery
- for long pressure pipes (DN 50)
- suitable for pressure drainage
- high delivery heads

Technical data:

Art.no.	U [V]	P_1 [W]	P_2 [W]	In [A]	n [min-1]	Qmax [m³/h]	Hmax [m]	PO	Weight [kg]
17474	400	3.900	3.200	6,5	2800	17,0	35,0	RP 11/4	68

Characteristics:

H (m) vs Q (m³/h)

1 SE 71.1
2 SE 71.2
3 SE 71.3
4 SE 71.4

Materials:

Seal motor:	mechanical seal
Seal pump:	mechanical seal

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Dimensions:

ball non-return valve 1 1/4" FT

flexible connection piece DN 70
for air vent pipe (ø75)

inlet DN 100 / DN 50

425

250

180

100

42

45

106

530

564

A (1 : 5)

1 1/2" connection manual
diaphragm pump

579

540

inlet DN 100

inlet DN 100*

inlet DN 100*

inlet DN 50

pitot tube

175

65

inspection cover

80

90

607

*this inlet must be directed to a height
of 250 mm above the ground level
directly after the lifting unit

type plate