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SØBY SE25-SE40 chain elevators

SØBY chain elevators are an economical and reliable solution for installation anywhere in the grain conveying line where vertical or inclined conveying is required.



SØBY chain elevators

Due to very compact built-in dimensions, SØBY chain elevators are ideal for installation anywhere in the grain conveying line where vertical or inclined transport is required.

Elevator head, foot and extension sections are galvanised after welding, which ensures long lifetime and extension sections that are dust-tight and watertight.

Basic machine

SØBY chain elevators are available in two versions from 3.6 m to 18.6 m.

Type SE25 and type SE40

The basic elevator consists of:

- Elevator head
- Gear motor
- Open foot
- Feed propeller
- 2m extension sections with inspection hatch and chain
- 2m extension sections with chain
- Chain speed 1.89 m/s
- Capacities
SE25 = approx. 25 tonnes/h and
SE40 = approx. 40 tonnes/h
in dry and cleaned grain

Accessories:

- Side/back inlet
- Inlet for up-going elevator casing
- Closed elevator foot
- Mounting box
- Elevator flex-foot
- Side auger in trough Ø90, Ø135 and Ø180
- Separate gear motor for operation of side auger
- TipBox
- Rain cover for gear motors

Motor requirements With 2 feed propellers

Elevator height total in metres	SE25	SE40
3,6 - 4,6	2,2 kW	2,2 kW
5,6 - 6,6	2,2 kW	3,0 kW
7,6 - 10,6	3,0 kW	4,0 kW
11,6 - 14,6	4,0 kW	5,5 kW
15,6 - 15,6	5,5 kW	5,5 kW
16,6 - 18,6	5,5 kW	7,5 kW

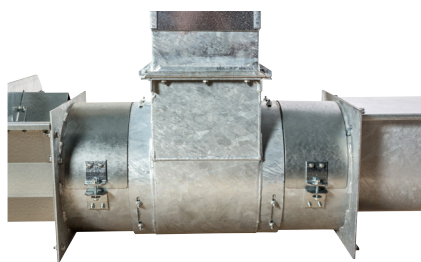
Extra motor requirements per m side auger in trough:

Ø90 mm side auger: 0.20 kW

Ø135 mm side auger: 0.40 kW

Ø180 mm side auger: 1.0 kW*

*Ø180 side auger requires separate gear motor with frequency converter



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