

# DA 73 Winch Motor

## Technical Info



## 1 Product Description

DA 73 220 V is a drive motor designed to control the opening of the Tunnel Door. e.g. in livestock house ventilation systems.

DA 73 220 V permit independent adjustment of pulling length and pulling direction. DA 73 consist of a gear motor and controller box. The drive motor is relay controlled and can be stepless controlled between open and closed position. In manual position, the motor can be opened manually, stopped or closed with the manual switch at the controller box. DA 73 has integrated limit switches and internal current limiter.

The control box can be placed as required within 1.8 m from the gear motor.

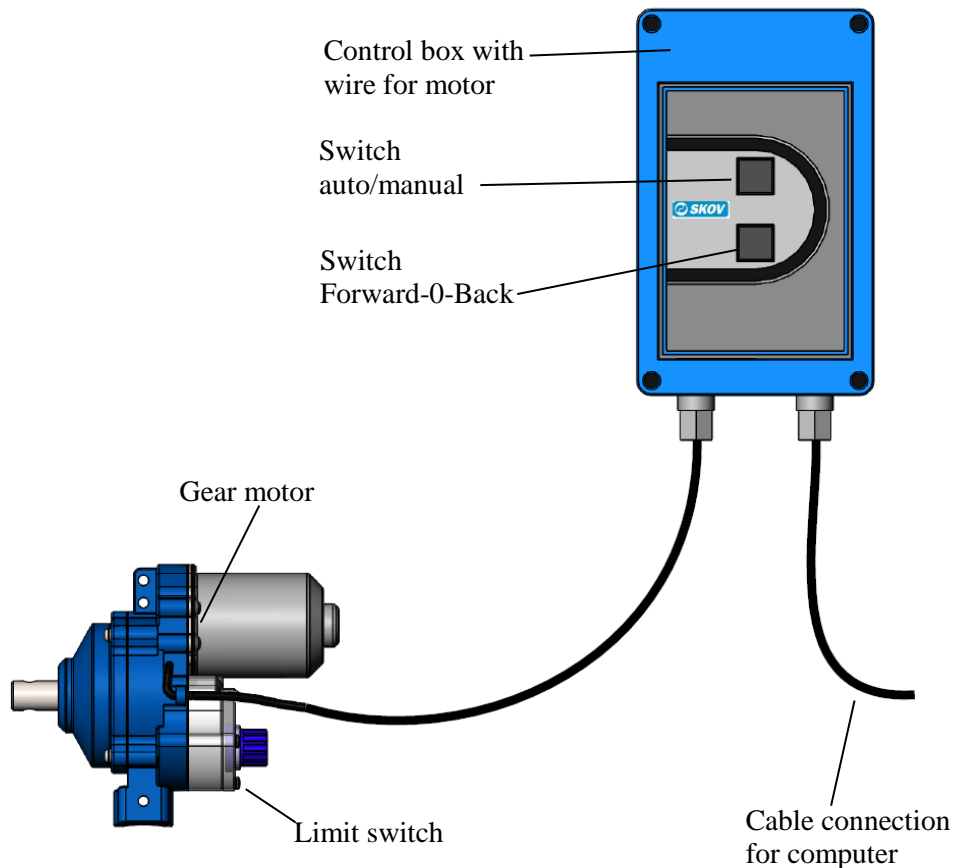


Figure 1 Gear motor and control box

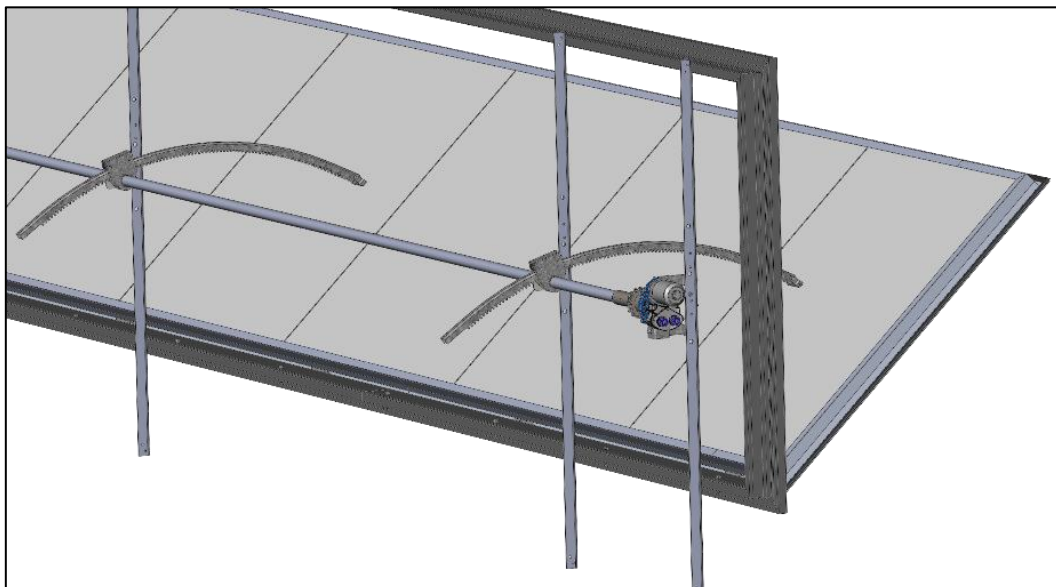


Figure 2: Sketch of R&P DA 73 tunnel door motor set for regulating the R&P tunnel door.

## 2 Product Survey



### 433286 R&P DA 73 tunnel door motor set, 220V

R&P DA 73 is used for opening the tunnel door in systems with Rack & Pinion.

Use "132970 DA 75 contactor set – parallel connection", confer below, if several DA 73 230 V are connected in parallel.

#### Emergency opening

If emergency opening is required, use DA 75A 24V since DA 73 220V does not allow emergency opening.



### 132970 DA 75A contactor kit - coupling in parallel

The set is used if more DA 73 220 V or DA 75A 230 V are to be connected in parallel.

The set includes two contactors and can be used for four DA 73 220 V or DA 75A 230 V connected in parallel.

## 3 Technical Data

### DA 73 Winch Motor 220V

#### Electrical

Operating voltage [ V AC] 220 ± 20%

Power consumption [A] 0.7

#### Mechanical

Max Torque [Nm] 100 Nm

Max.continuous running time 22 min.

Position Time Based

#### Enviroment

Ambient temperature [°C] -20 to 50

Storage temperature [°C] -20 to 50

Protection class IP 55

Protection class (control box) IP 55

#### Shipping

Shipping dimensions [mm] 160 x 270 x 170

Shipping weight [g] 3.800

### 3.1 Dimensioned sketch

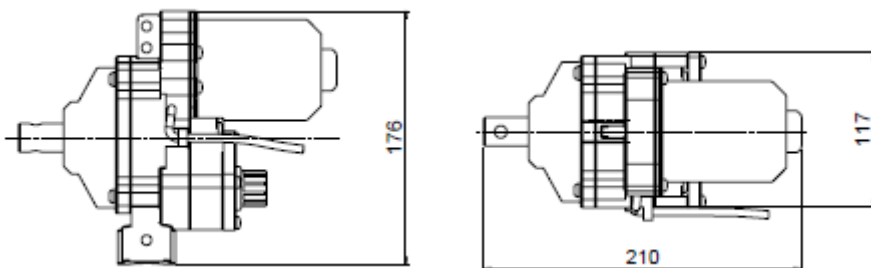


Figure 3: DA 73

