



MultiWinch

Versatile 24 VDC gearmotor

The MultiWinch gearmotor is a powerful 24 VDC winch motor for opening and closing air inlets in poultry, pig and cattle houses. The advanced electronics and compact design of the MultiWinch makes it the most versatile gearmotor in this segment.

Powerful and precise

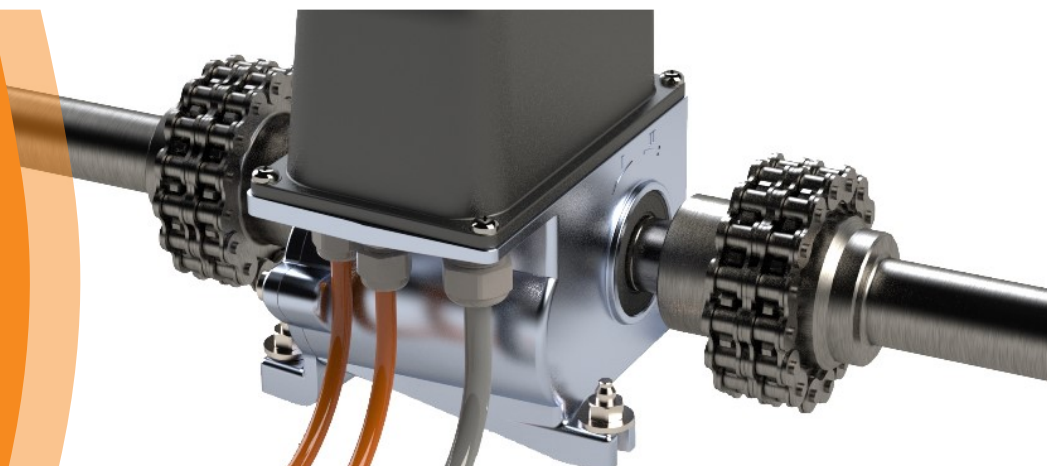
With a pulling force of 340 kg, a torque of 90 Nm and a standard speed of 0.8 rpm, the climate in the barn can be controlled very precisely. The MultiWinch features three soft-touch buttons for easy set up and precise position determination. The MultiWinch comes standard with a single capped axle tap. An extensive selection of available accessories allow it to be made suitable for any application, such as with a belt or winch drum or a chain coupling set.

Carefree installation and maintenance

The gearmotor housing is made of corrosion-resistant aluminium and has protection class IP65. As a result, MultiWinch is maintenance-free and made for years of carefree use in barns for livestock farming. The smart design makes it easy to install and commission the gearmotor. To control the MultiWinch, a 24V power supply unit is available. It is also possible to connect a 24V emergency power supply, which ensures that in the event of a power failure the motors are run to the emergency position.

Discover the advantages

- Versatile gearmotor
- Powerful and precise
- Easy installation
- Maintenance-free



Technical Details

Electrical	
Supply voltage	24 Vdc 10%
Power consumption	72 VA
Maximum current	3 A
Protection	Thermal overload 3 A
Alarm contact	Max. 1 A (24 Vdc/ac)
Recommended duty cycle	Max. 25 minutes
Power cable	Minimum conductor diameters: <ul style="list-style-type: none"> • 24 Vdc: <ul style="list-style-type: none"> ○ 2 x 1.5 mm : max. 32 m ○ 2 x 2.5 mm : max. 55 m ○ 2 x 4.0 mm : max. 85 m
Control cable 0-10 Vdc	Minimum conductor diameter: 2 x 0.75 mm + shield
Cable for alarm relay	Minimum conductor diameter: 2 x 0.75 mm

Mechanical	
Drive torque	Max. 90 Nm
Maximum tensile force	<ul style="list-style-type: none"> • Single winch drum: 340 kg • Double winch drum: 170 kg (per belt)
Roll-up speed	12 ... 18 (6 ... 9) cm/min
Standard output speed (speed setting via DIP switch)	0.8 (0.4) rpm
Number of rotations	<ul style="list-style-type: none"> • Minimum: 0.25 revolutions • Maximum: 100 revolutions
Weight	6.2 kg
Housing	Aluminum / high-grade plastic
Operating temperature range	-5 ... +50 °C
Protection class	IP65