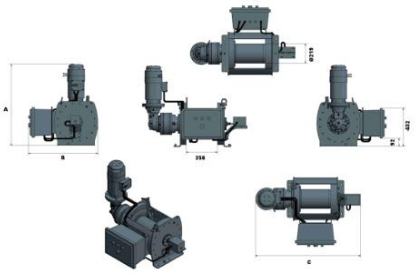
ATEX WINCH 2 t - 5 m/min, low voltage control with 1 speed







Electric winch 2000 kg. This electric winch is specially designed for EXPLOSIVE atmospheric lifting applications, an atmosphere that can become explosive depending on environmental conditions.
Use:
- All pulling/hauling and lifting operations
- Several sector of activity are concerned: offshore, chimical industry, oil and gas industry, pharmaceutique.
- Lifting, pulling/hauling of heavy loads
Comply with Machines Directive 2006/42/EC and Directive 2014/34/UE.

Technical properties

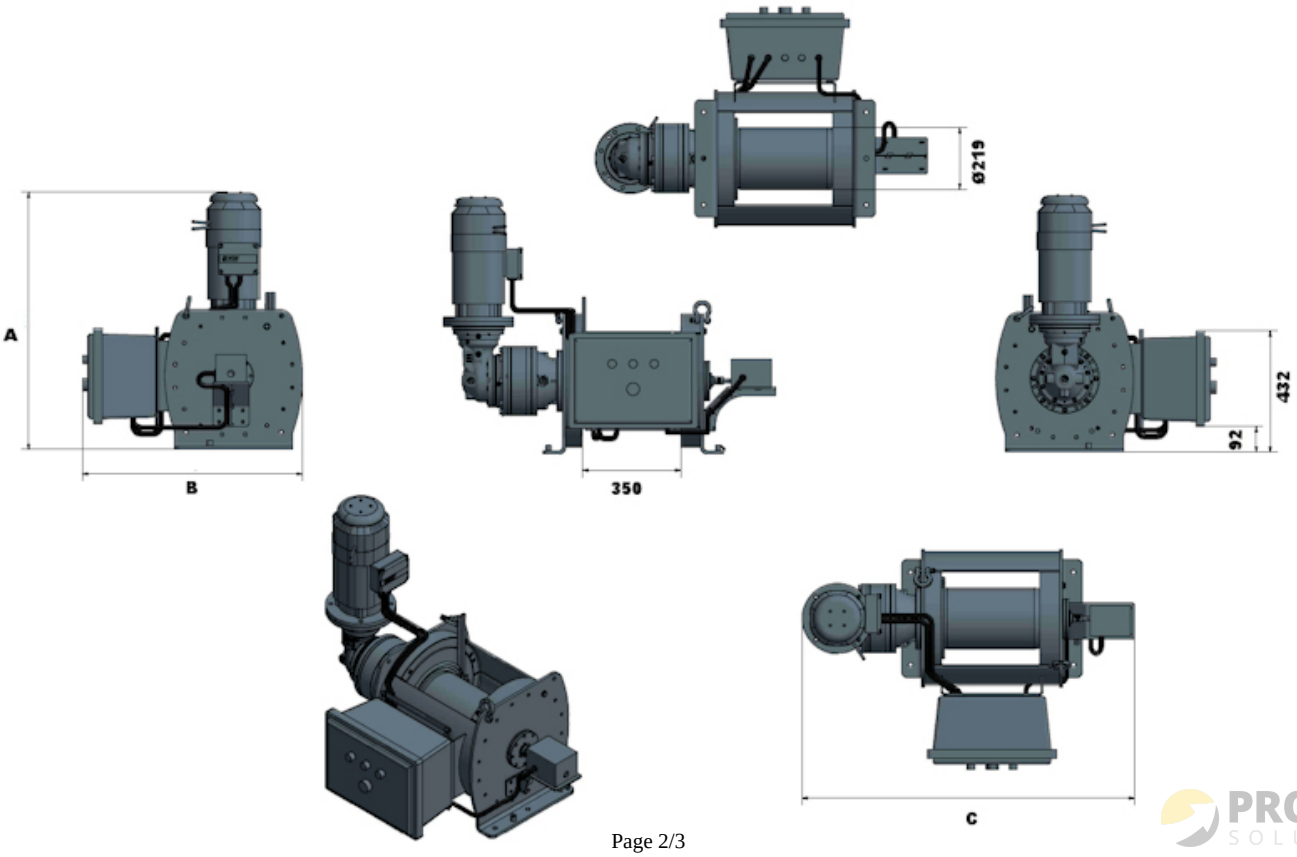
- Capacity: 2 t. Other capacities: consult us.
- Robust and highlycompact.
- Vertical mounting possible.
- 230/400 V - 50 Hz ATEX three-phase brake motor. Other voltage or frequencies: consult us. P = 2,2 kW.
- Motor position: vertical (other position - horizontal - consult us).
- The low voltage control protects the suer from electrical risks. It makes it possible to operate: ATEX limit switch, load limiter...
- The tie-rods are mobile according to the rope outlet.
- Anti-escape system for the rope.
- Reduced space between the tie-rod and the drum.
- Stainless steel drum.
- Rope press roller and rope slack switch incorporated under the upper tie-rod (incorporation into the tie-rod as an option).
- Reliable electric and electronic components.
- Limit switch obligatory when lifting and from 1000 kg, load limiter.
- Sealed ATEX electrical unit on the winch consisting on: contactors, 24V transformers, thermal circuit breaker, disconnectable pendant control with 3 m of cable
- Reduced-maintenance planetary reduction gears.
- Marine paint.
- Temperature of use between -20°C and +40°C.
- ATEX rating: II3GDc IIB T3, IIIB T200°C.
- Numerous rope outlets possibilities.
- Options and accessories available (stainless steel rope and hook, tarpauline cover...): consult us.

Technical characteristics of ATEX WINCH 2 t - 5 m/min, low voltage control with 1 speed

References	ATEX2T05BT
Capacity 1st layer kg	2420
Capacity top layer kg	2000
Nb of layers	3
Wire rope cap. 1st layer m	20
Max. rope capacity m	71
Wire rope Ø mm	11.5
Fixed speed 1st layer m/min	4.5
Fixed speed top layer m/min	5.5
FEM	1Am
Motor kW	2.2
Power	3Ph-230/400V
Weight (without wire rope) kg	260

Dimensions

References	ATEX2T05BT
A mm	917
B mm	784
C mm	1184



Technical characteristics of the other models of the range

References	ATEX2T05BT
Capacity 1st layer kg	**2420**
Capacity top layer kg	**2000**
Nb of layers	**3**
Wire rope cap. 1st layer m	**20**
Max. rope capacity m	**71**
Wire rope Ø mm	**11.5**
Fixed speed 1st layer m/min	**4.5**
Fixed speed top layer m/min	**5.5**
FEM	**1Am**
Motor kW	**2.2**
Power	**3Ph-230/400V**
Weight (without wire rope) kg	**260**



HUCHEZ's advice

Compact winch meeting the requirements and constraints associated with use in an ATEX area but also in terms of reduced footprint, tie-rods position according to the cable exit.

PRO-LIFT SOLUTIONS

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