MENNENS | Lifting Solutions Group
Axel Johnson International

Electric winch TRBoxter BT 1-speed

Product information



General:
Electric winch for loads from 250 up to 1500 kg with low voltage control and 1 speed. Multifunctional electric winch offering many rope attachments, rope outlets and options. Robust and compact, it benefits of a high operating factor for all kind of applications such as for example: Industrial applications, Building and public works, Theatre applications, Integration into many types of devices, cranes, material lifts etc.

Technical properties:

- Welded steel drum.
- Aluminium casing.
- The low voltage control protects the user from electrical risks.
- Asynchronous, single phase motors (230 V – 50 Hz P=0.75 or 1.1 kW depending on the models)
- Threephase motors (400 V – 50 Hz P= 0.75 or 1.1 kW depending on the models).
- Reducer sealed in oil bath with helical gears.
- 24 V or 190 V direct current electromagnetic brake (depending on the models).
- Electrical equipment under sealed cover.
- Very low voltage, 24 V remote control with socket – IP 65 protection.

Optional:

- Limit switch
- Radio control
- Load limiter
- Lengthened drum models. Wirerope capacity will increase by 1.5 x standard capacity

... Read more

Material: Aluminum casing / Steel drum
Marking: According to standard, CE-mark
Temperature range: -10°C to +50°C.
Standard: EN 14492-1
Warning: If the winch is used for lifting of a load, a limit switch is mandatory!

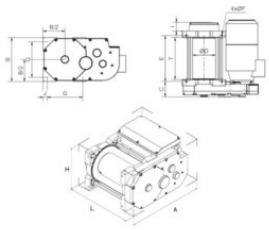
Mennens Belgium
sales@mennensbelgium.be
+32 (0)3 253 23 23

© November 2026 - All Rights Reserved

MENNENS | Lifting Solutions Group
Axel Johnson International

Electric winch TRBoxter BT 1-speed

Blueprint



Technical data

Part code	WLL ton	Lifting height m	Model	Rope Ø mm	Power	WLL top layer ton	Speed top layer m/min	Motor kW	Speed 1st layer m/min	FEM	Number of layers	A mm	B mm	C mm	D mm	E mm	F mm	L mm	G mm	H mm	I mm	J mm	M mm	N mm	T mm	Weight kg
5406TRBOXTER253BT14	0.29	56	TRBOXTER253BT14	5	3Ph-400V	0.25	15.4	0.75	13.3	1Am	3	451	243	79	121	255	10.5	451/451	197	284.5	68	23	121.5	121.5	230	49
5406TRBOXTER503BT21	0.6	42	TRBOXTER503BT21	7	3Ph-400V	0.5	24.2	2.2	20	1Bm	3	554	304	107.5	159	318	12.5	496/518	246	332.5	62	29	152	152	290	59
5406TRBOXTER0603BT15	0.75	93	TRBOXTER603BT15	7	3Ph-400V	0.6	18.6	2.2	14.9	1Am	4	554	304	107.5	159	318	12.5	496/518	246	332.5	62	29	152	152	290	100
5406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Type	Drum	Measurements (mm)													
Model	type	A	B	C	Ø D	E	Ø F	G	H	J	K	L	M	N	T
TRBOXTER 250 to 500 kg	standard	462	243	79	121	255	10.5	197	284.5	23	356	419.5	121.5	121.5	230
	long	462	243	79	121	370	10.5	197	284.5	23	471	534.5	121.5	121.5	345
TRBOXTER 600 to 1500 kg	standard	554	304	105.5	159	318	12.5	246	332.5	29	493.5	515.5	152	152	290
	long	554	304	105.5	159	461	12.5	246	332.5	29	493.5	656	152	152	435

Mennens Belgium
sales@mennensbelgium.be
+32 (0)3 253 23 23

© November 2026 - All Rights Reserved