

## 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 (230/400 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. Wire rope capacity will increase by 1.5 x standard capacity.

**Material:** Aluminum casing / Steel drum

**Marking:** CE-marked

**Temperature range:** -10°C to +50°C.

**Warning:** If the winch is used for lifting of a load, a limit switch is mandatory!

Part Code	Model	Rope Ø mm	Power kW	Motor Weight without wire kg	Weight with wire rope kg	Rope capacity m	FEM Capacity kg	Capacity 1st layer kg	Capacity top layer kg	Number of layers	wire rope capacity m	Capacity 1st layer m/min	Speed m/min
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5406TRBOXTER251BT14TRBOXTER251BT14	5	1 Ph - 230 V	0.75	49	56	1Am	290	250	3	16	15.4
5406TRBOXTER253BT14TRBOXTER253BT14	5	3 Ph - 230/400 V	0.75	49	56	1Am	290	250	3	16	15.4
5406TRBOXTER351BT9 TRBOXTER351BT9	5	1 Ph - 230 V	0.75	49	56	1Bm	400	350	3	16	9.4
5406TRBOXTER351BT9 TRBOXTER351BT9	5	3 Ph - 230/400 V	0.75	49	56	1Bm	400	350	3	16	9.4
5406TRBOXTER501BT11TRBOXTER501BT11	7	1 Ph - 230 V	1.1	51	42	1Bm	600	500	3	12	12.2
5406TRBOXTER503BT4 TRBOXTER503BT4	7	3 Ph - 230/400 V	0.75	49	42	1Bm	600	500	3	12	4.9
5406TRBOXTER503BT11TRBOXTER503BT11	7	3 Ph - 230/400 V	1.1	51	42	1Bm	600	500	3	12	12.2
5406TRBOXTER503BT21TRBOXTER503BT21	7	3 Ph - 230/400 V	2.2	59	42	1Bm	600	500	3	12	24.4
5406TRBOXTER603BT5 TRBOXTER603BT5	7	3 Ph - 230/400 V	0.75	88	93	1Am	750	600	4	19	6
5406TRBOXTER603BT10TRBOXTER603BT10	7	3 Ph - 230/400 V	1.1	101	93	1Am	750	600	4	19	11
5406TRBOXTER603BT15TRBOXTER603BT15	7	3 Ph - 230/400 V	2.2	100	93	1Am	750	600	4	19	18.6
5406TRBOXTER603BT20TRBOXTER603BT20	7	3 Ph - 230/400 V	3	104	93	1Bm	750	600	4	19	22.5
5406TRBOXTER603BT30TRBOXTER603BT30	7	3 Ph - 230/400 V	4	107	93	1Bm	750	600	4	19	31.9
5406TRBOXTER803BT5 TRBOXTER803BT5	8	3 Ph - 230/400 V	1.1	92	59	1Bm	950	800	3	16.5	5.2
5406TRBOXTER803BT10TRBOXTER803BT10	8	3 Ph - 230/400 V	2.2	100	59	1Bm	950	800	3	16.5	10.3
5406TRBOXTER803BT13TRBOXTER803BT13	8	3 Ph - 230/400 V	3	104	59	1Bm	950	800	3	16.5	14.3
5406TRBOXTER803BT17TRBOXTER803BT17	8	3 Ph - 230/400 V	4	107	59	1Bm	950	800	3	16.5	17.8

5406TRBOXTER993BT5	TRBOXTER993BT5	9	3 Ph - 230/400 V	1.1	92	53	1Bm	1,200	990	3	14.5	5.3
5406TRBOXTER993BT10	TRBOXTER993BT10	9	3 Ph - 230/400 V	2.2	100	34	1Bm	1,100	990	2	14.5	10.6
5406TRBOXTER993BT13	TRBOXTER993BT13	9	3 Ph - 230/400 V	3	104	14.5	1Bm	990	990	1	14.5	12.1
5406TRBOXTER993BT17	TRBOXTER993BT17	9	3 Ph - 230/400 V	4	107	14.5	1Cm	990	990	1	14.5	15.1
5406TRBOXTER1503BT9	TRBOXTER1503BT9	11.5	3 Ph-230/400V	3	104	11.5	1Cm	1,500	1,500	1	11.5	10

## Technical data

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

# Blueprint

