

## 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!

Model	Rope Ø mm	Power	Motor kW	Weight without wire rope kg	Rope capacity m	FEM	Capacity 1st layer kg	Capacity top layer kg	Number of layers	wire rope capacity 1st layer m	Speed m/min
TRBOXTER251BT14	5	1 Ph - 230 V	0.75	49	56	1Am	290	250	3	16	15.4
TRBOXTER253BT14	5	3 Ph - 230/400 V	0.75	49	56	1Am	290	250	3	16	15.4
TRBOXTER351BT9	5	1 Ph - 230 V	0.75	49	56	1Bm	400	350	3	16	9.4
TRBOXTER351BT9	5	3 Ph - 230/400 V	0.75	49	56	1Bm	400	350	3	16	9.4
TRBOXTER501BT11	7	1 Ph - 230 V	1.1	51	42	1Bm	600	500	3	12	12.2
TRBOXTER503BT4	7	3 Ph - 230/400 V	0.75	49	42	1Bm	600	500	3	12	4.9
TRBOXTER503BT11	7	3 Ph - 230/400 V	1.1	51	42	1Bm	600	500	3	12	12.2
TRBOXTER503BT21	7	3 Ph - 230/400 V	2.2	59	42	1Bm	600	500	3	12	24.4
TRBOXTER603BT5	7	3 Ph - 230/400 V	0.75	88	93	1Am	750	600	4	19	6
TRBOXTER603BT10	7	3 Ph - 230/400 V	1.1	101	93	1Am	750	600	4	19	11
TRBOXTER603BT15	7	3 Ph - 230/400 V	2.2	100	93	1Am	750	600	4	19	18.6
TRBOXTER603BT20	7	3 Ph - 230/400 V	3	104	93	1Bm	750	600	4	19	22.5
TRBOXTER603BT30	7	3 Ph - 230/400 V	4	107	93	1Bm	750	600	4	19	31.9
TRBOXTER803BT5	8	3 Ph - 230/400 V	1.1	92	59	1Bm	950	800	3	16.5	5.2
TRBOXTER803BT10	8	3 Ph - 230/400 V	2.2	100	59	1Bm	950	800	3	16.5	10.3
TRBOXTER803BT13	8	3 Ph - 230/400 V	3	104	59	1Bm	950	800	3	16.5	14.3
TRBOXTER803BT17	8	3 Ph - 230/400 V	4	107	59	1Bm	950	800	3	16.5	17.8
TRBOXTER993BT5	9	3 Ph - 230/400 V	1.1	92	53	1Bm	1,200	990	3	14.5	5.3
TRBOXTER993BT10	9	3 Ph - 230/400 V	2.2	100	34	1Bm	1,100	990	2	14.5	10.6
TRBOXTER993BT13	9	3 Ph - 230/400 V	3	104	14.5	1Bm	990	990	1	14.5	12.1
TRBOXTER993BT17	9	3 Ph - 230/400 V	4	107	14.5	1Cm	990	990	1	14.5	15.1

## 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

