

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. Wire rope capacity will increase by 1.5 x standard capacity.

... [Read more](#)

Material: Aluminum casing / Steel drum

Marking: According to standard, CE-marked

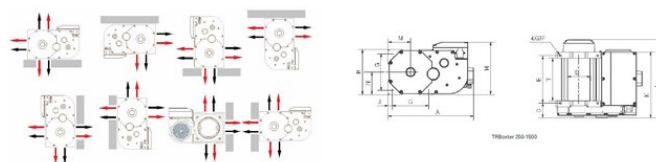
Temperature range: -10°C to +50°C.

Standard: EN 14492-1

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

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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	Weight kg
5406TRBOXTER253BT14	0.29	56	TRBOXTER253BT14	5	3Ph-400V	0.25	15.4	0.75	13.3	1Am	3	49
5406TRBOXTER253BT9	0.29	56	TRBOXTER253BT9	5	3Ph-400V	0.25	9.4	0.75	8.1	1Am	3	49
5406TRBOXTER251BT21	0.29	56	TRBOXTER251BT21	5	1Ph-230V	0.25	23	1.1	19.8	1Am	3	51
5406TRBOXTER253BT21	0.29	56	TRBOXTER253BT21	5	3Ph-400V	0.25	23	1.1	19.8	1Am	3	51
5406TRBOXTER253BT43	0.29	56	TRBOXTER253BT43	5	3Ph-400V	0.25	46.6	2.2	40.3	1Am	3	59
5406TRBOXTER353BT9	0.4	56	TRBOXTER353BT9	5	3Ph-400V	0.35	9.4	0.75	8.1	1Bm	3	49
5406TRBOXTER351BT14	0.4	56	TRBOXTER351BT14	5	1Ph-230V	0.35	15.4	1.1	13.3	1Bm	3	51
5406TRBOXTER353BT14	0.4	56	TRBOXTER353BT14	5	3Ph-400V	0.35	15.4	1.1	13.3	1Bm	3	51
5406TRBOXTER353BT26	0.4	56	TRBOXTER353BT26	5	3Ph-400V	0.35	29.8	2.2	25.7	1Bm	3	59
5406TRBOXTER503BT4	0.6	42	TRBOXTER503BT4	7	3Ph-400V	0.5	4.9	0.75	4	1Bm	3	49
5406TRBOXTER503BT4	0.6	42	TRBOXTER503BT4	7	3Ph-400V	0.5	4.9	0.75	4	1Bm	3	49
5406TRBOXTER501BT11	0.6	42	TRBOXTER501BT11	7	1 Ph - 230 V	0.5	12.2	1.1	10	1Bm	3	51
5406TRBOXTER503BT11	0.6	42	TRBOXTER503BT11	7	3Ph-400V	0.5	12.2	1.1	10	1Bm	3	51
5406TRBOXTER501BT11ST	0.6	42	TRBOXTER501BT11ST	7	1Ph-230V	0.5	12.2	1.1	10	1Bm	3	51
5406TRBOXTER503BT11ST	0.6	42	TRBOXTER503BT11ST	7	3Ph-230/400V	0.5	12.2	1.1	10	1Bm	3	51
5406TRBOXTER503BT21	0.6	42	TRBOXTER503BT21	7	3Ph-400V	0.5	24.2	2.2	20	1Bm	3	59
5406TRBOXTER0603BT05	0.75	93	TRBOXTER0603BT05	7	3Ph-400V	0.6	6	0.75	4.8	1Am	4	88
5406TRBOXTER603BT15	0.75	93	TRBOXTER603BT15	7	3Ph-400V	0.6	18.6	2.2	14.9	1Am	4	100
5406TRBOXTER0603BT10	0.75	93	TRBOXTER0603BT10	7	3Ph-400V	0.6	11	1.5	8.8	1Am	4	101
5406TRBOXTER0603BT20	0.75	93	TRBOXTER0603BT20	7	3Ph-400V	0.6	22.5	3	17.9	1Bm	4	104
5406TRBOXTER0603BT30	0.75	93	TRBOXTER0603BT30	7	3Ph-400V	0.6	31.9	4	25.5	1Bm	4	107

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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	Weight kg
5406TRBOXTER0803BT05	0.95	59	TRBOXTER0803BT05	8	3Ph-400V	0.8	5.2	1.1	4.3	1Bm	3	92
5406TRBOXTER0803BT10	0.95	59	TRBOXTER0803BT10	8	3Ph-400V	0.8	10.3	2.2	8.7	1Bm	3	100
5406TRBOXTER0803BT13	0.95	59	TRBOXTER0803BT13	8	3Ph-400V	0.8	14.3	3	12	1Bm	3	104
5406TRBOXTER0803BT17	0.95	59	TRBOXTER0803BT17	8	3Ph-400V	0.8	17.8	4	15	1Bm	3	107
5406TRBOXTER0993BT13	0.99	14.5	TRBOXTER0993BT13	9	3Ph-400V	0.99	12.1	3	12.1	1Bm	1	104
5406TRBOXTER0993BT17	0.99	14.5	TRBOXTER0993BT17	9	3Ph-400V	0.99	15.1	4	15.1	1Cm	1	108
5406TRBOXTER0993BT10	1.1	34	TRBOXTER0993BT10	9	3Ph-400V	0.99	10.6	2.2	8.7	1Bm	2	100
5406TRBOXTER0993BT05	1.2	53	TRBOXTER0993BT05	9	3Ph-400V	0.99	5.3	1.1	4.4	1Bm	3	92
5406TRBOXTER1503BT04	1.5	11.5	TRBOXTER1503BT04	11.5	3Ph-400V	1.5	4.4	1.5	4.4	1Bm	1	101
5406TRBOXTER1503BT09	1.5	11.5	TRBOXTER1503BT09	11.5	3Ph-400V	1.5	8.8	1	8.8	1Cm	1	104

Type	Drum	Measurements (mm)													
		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