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!

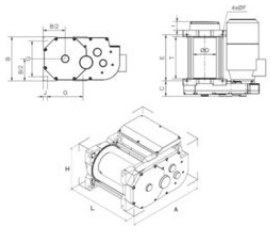
Traction Levage
marketingtl@traclev.com

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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	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
5406TRBOXTER253BT9	0.29	56	TRBOXTER253BT9	5	3Ph-400V	0.25	9.4	0.75	8.1	1Am	3	451	243	79	121	255	10.5	451/451	197	284.5	68	23	121.5	121.5	230	49
5406TRBOXTER251BT21	0.29	56	TRBOXTER251BT21	5	1Ph-230V	0.25	23	1.1	19.8	1Am	3	462	243	79	121	255	10.5	457/457	197	284.5	68	23	121.5	121.5	230	51
5406TRBOXTER253BT21	0.29	56	TRBOXTER253BT21	5	3Ph-400V	0.25	23	1.1	19.8	1Am	3	462	243	79	121	255	10.5	457/457	197	284.5	68	23	121.5	121.5	230	51
5406TRBOXTER253BT43	0.29	56	TRBOXTER253BT43	5	3Ph-400V	0.25	46.6	2.2	40.3	1Am	3	473	243	79	121	255	10.5	473/473	197	306.5	68	23	121.5	121.5	230	59
5406TRBOXTER353BT9	0.4	56	TRBOXTER353BT9	5	3Ph-400V	0.35	9.4	0.75	8.1	1Bm	3	451	243	79	121	255	10.5	451/451	197	284.5	68	23	121.5	121.5	230	49
5406TRBOXTER351BT14	0.4	56	TRBOXTER351BT14	5	1Ph-230V	0.35	15.4	1.1	13.3	1Bm	3	462	243	79	121	255	10.5	457/457	197	284.5	68	23	121.5	121.5	230	51
5406TRBOXTER353BT14	0.4	56	TRBOXTER353BT14	5	3Ph-400V	0.35	15.4	1.1	13.3	1Bm	3	462	243	79	121	255	10.5	457/457	197	284.5	68	23	121.5	121.5	230	51
5406TRBOXTER353BT26	0.4	56	TRBOXTER353BT26	5	3Ph-400V	0.35	29.8	2.2	25.7	1Bm	3	473	243	79	121	255	10.5	473/473	197	306.5	68	23	121.5	121.5	230	59
5406TRBOXTER503BT4	0.6	42	TRBOXTER503BT4	7	3Ph-400V	0.5	4.9	0.75	4	1Bm	3	535.5	304	107.5	159	318	12.5	474/518	246	332.5	62	29	152	152	290	49
5406TRBOXTER501BT11ST	0.6	42	TRBOXTER501BT11ST	7	1Ph-230V	0.5	12.2	1.1	10	1Bm	3	543	304	107.5	159	318	12.5	480/518	246	332.5	62	29	152	152	290	51
5406TRBOXTER503BT11ST	0.6	42	TRBOXTER503BT11ST	7	3Ph-230/400V	0.5	12.2	1.1	10	1Bm	3	543	304	107.5	159	318	12.5	480/518	246	332.5	62	29	152	152	290	51
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
5406TRBOXTER0603BT05	0.75	93	TRBOXTER0603BT05	7	3Ph-400V	0.6	6	0.75	4.8	1Am	4	535.5	304	107.5	159	318	12.5	474/518	246	332.5	62	29	152	152	290	88
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
5406TRBOXTER0603BT10	0.75	93	TRBOXTER0603BT10	7	3Ph-400V	0.6	11	1.5	8.8	1Am	4	541	304	107.5	159	318	12.5	512/518	246	332.5	62	29	152	152	290	101
5406TRBOXTER0603BT20	0.75	93	TRBOXTER0603BT20	7	3Ph-400V	0.6	22.5	3	17.9	1Bm	4	558	304	107.5	159	318	12.5	558/558	246	332.5	62	29	152	152	290	104

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5406TRBOXTER0603BT30	0.75	93	TRBOXTER0603BT30	7	3Ph-400V	0.6	31.9	4	25.5	1Bm	4	558	304	107.5	159	318	12.5	605/605	246	332.5	62	29	152	152	290	107
5406TRBOXTER0803BT05	0.95	59	TRBOXTER0803BT05	8	3Ph-400V	0.8	5.2	1.1	4.3	1Bm	3	543	304	107.5	159	318	12.5	480/518	246	332.5	62	29	152	152	290	92
5406TRBOXTER0803BT10	0.95	59	TRBOXTER0803BT10	8	3Ph-400V	0.8	10.3	2.2	8.7	1Bm	3	554	304	107.5	159	318	12.5	496/518	246	332.5	62	29	152	152	290	100
5406TRBOXTER0803BT13	0.95	59	TRBOXTER0803BT13	8	3Ph-400V	0.8	14.3	3	12	1Bm	3	558	304	107.5	159	318	12.5	558/558	246	332.5	62	29	152	152	290	104
5406TRBOXTER0803BT17	0.95	59	TRBOXTER0803BT17	8	3Ph-400V	0.8	17.8	4	15	1Bm	3	558	304	107.5	159	318	12.5	605/605	246	332.5	62	29	152	152	290	107
5406TRBOXTER0993BT13	0.99	14.5	TRBOXTER0993BT13	9	3Ph-400V	0.99	12.1	3	12.1	1Bm	1	558	304	107.5	159	318	12.5	558/558	246	332.5	62	29	152	152	290	104
5406TRBOXTER0993BT17	0.99	14.5	TRBOXTER0993BT17	9	3Ph-400V	0.99	15.1	4	15.1	1Cm	1	558	304	107.5	159	318	12.5	605/605	246	332.5	62	29	152	152	290	108
5406TRBOXTER0993BT10	1.1	34	TRBOXTER0993BT10	9	3Ph-400V	0.99	10.6	2.2	8.7	1Bm	2	554	304	107.5	159	318	12.5	496/518	246	332.5	62	29	152	152	290	100
5406TRBOXTER0993BT05	1.2	53	TRBOXTER0993BT05	9	3Ph-400V	0.99	5.3	1.1	4.4	1Bm	3	543	304	107.5	159	318	12.5	480/518	246	332.5	62	29	152	152	290	92
5406TRBOXTER1503BT04	1.5	11.5	TRBOXTER1503BT04	11.5	3Ph-400V	1.5	4.4	1.5	4.4	1Bm	1	541	304	107.5	159	318	12.5	512/518	246	332.5	62	29	152	152	290	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)													
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

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marketingtl@traclev.com
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