MENNENS | Lifting Solutions Group
Axel Johnson International

Electric winch TRBoxter VV, model with variable speed

Product information



Electric winch for loads from 250 up to 1500 kg with low voltage control and variable 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.
- In addition to the low voltage advantages, the not disconnectable pendant control offers a variation of the winding speed, with gradual starting and stopping.
- Asynchronous three-phase motors (230/400 V – 50 Hz P= 0.75 – 1.1 – 1.5 – 2.2 - 3 - 4 – 5.5 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*

Marking: CE-mark

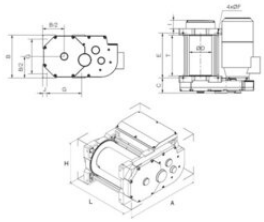
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Blueprint



Technical data

Part code	WLL ton	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	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	L mm	M mm	N mm	T mm
5406TRBOXTER251VV9	0.25	TRBOXTER251VV9	16	1Ph-230V	0.75	50	25	1Am	290	250	3	5	0.8-8	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER253VV9	0.25	TRBOXTER253VV9	16	3Ph-230/400V	0.75	50	25	1Am	290	250	3	5	0.8-8	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER251VV14	0.25	TRBOXTER251VV14	16	1Ph-230V	0.75	50	25	1Am	290	250	3	5	1.3-13	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER253VV14	0.25	TRBOXTER253VV14	16	3Ph-230/400V	0.75	50	25	1Am	290	250	3	5	1.3-13	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER251VV21	0.25	TRBOXTER251VV21	16	1Ph-230V	1.1	54	25	1Am	290	250	3	5	2-20	475	243	79	121	255	10.5	197	345	68	23	457/457	121.5	121.5	230
5406TRBOXTER253VV21	0.25	TRBOXTER253VV21	16	3Ph-230/400V	1.1	54	25	1Am	290	250	3	5	2-20	475	243	79	121	255	10.5	197	345	68	23	457/457	121.5	121.5	230
5406TRBOXTER251VV43	0.25	TRBOXTER251VV43	16	1Ph-230V	2.2	62	25	1Am	290	250	3	5	4-40	457	243	79	121	255	10.5	197	345	68	23	473/473	121.5	121.5	230
5406TRBOXTER253VV43	0.25	TRBOXTER253VV43	16	3Ph-230/400V	2.2	62	25	1Am	290	250	3	5	4-40	457	243	79	121	255	10.5	197	345	68	23	473/473	121.5	121.5	230
5406TRBOXTER253VV60	0.25	TRBOXTER253VV60	16	3Ph-230/400V	3.3	66	25	1Am	290	250	2	5	5.1-51	477	243	79	121	255	10.5	197	345	68	23	535/353	121.5	121.5	230
5406TRBOXTER351VV9	0.35	TRBOXTER351VV9	16	1Ph-230V	0.75	50	25	1Bm	400	350	3	5	0.8-8	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER353VV9	0.35	TRBOXTER353VV9	16	3Ph-230/400V	0.75	50	25	1Bm	400	350	3	5	0.8-8	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER351VV14	0.35	TRBOXTER351VV14	16	1Ph-230V	1.1	54	25	1Bm	400	350	3	5	1.3-13	475	243	79	121	255	10.5	197	345	68	23	457/457	121.5	121.5	230
5406TRBOXTER353VV14	0.35	TRBOXTER353VV14	16	3Ph-230/400V	1.1	54	25	1Bm	400	350	3	5	1.3-13	475	243	79	121	255	10.5	197	345	68	23	457/457	121.5	121.5	230
5406TRBOXTER351VV26	0.35	TRBOXTER351VV26	16	1Ph-230V	2.2	62	25	1Bm	400	350	3	5	2.6-26	457	243	79	121	255	10.5	197	345	68	23	473/473	121.5	121.5	230
5406TRBOXTER353VV26	0.35	TRBOXTER353VV26	16	3Ph-230/400V	2.2	62	25	1Bm	400	350	3	5	2.6-26	457	243	79	121	255	10.5	197	345	68	23	473/473	121.5	121.5	230
5406TRBOXTER353VV42	0.35	TRBOXTER353VV42	16	3Ph-230/400V	3.3	66	25	1Bm	400	350	3	5	3.9-39	477	243	79	121	255	10.5	197	345	68	23	535/353	121.5	121.5	230
5406TRBOXTER501VV4	0.5	TRBOXTER501VV4	12	1Ph-230V	0.75	50	18	1Bm	600	500	3	7	0.4-4	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230

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Technical data

Part code	WLL ton	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	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	L mm	M mm	N mm	T mm
5406TRBOXTER503VV4	0.5	TRBOXTER503VV4	12	3Ph-230/400V	0.75	50	18	1Bm	600	500	3	7	0.4-4	475	243	79	121	255	10.5	197	345	68	23	451/451	121.5	121.5	230
5406TRBOXTER501VV11	0.5	TRBOXTER501VV11	12	1Ph-230V	1.1	54	18	1Bm	600	500	3	7	1-10	475	243	79	121	255	10.5	197	345	68	23	457/457	121.5	121.5	230
5406TRBOXTER503VV11	0.5	TRBOXTER503VV11	12	3Ph-230/400V	1.1	54	18	1Bm	600	500	3	7	1-10	475	243	79	121	255	10.5	197	345	68	23	457/457	121.5	121.5	230
5406TRBOXTER501VV21	0.5	TRBOXTER501VV21	12	1Ph-230V	2.2	62	18	1Bm	600	500	3	7	2-20	457	243	79	121	255	10.5	197	345	68	23	473/473	121.5	121.5	230
5406TRBOXTER503VV21	0.5	TRBOXTER503VV21	12	3Ph-230/400V	2.2	62	18	1Bm	600	500	3	7	2-20	457	243	79	121	255	10.5	197	345	68	23	473/473	121.5	121.5	230
5406TRBOXTER503VV32	0.5	TRBOXTER503VV32	12	3Ph-230/400V	3.3	66	18	1Bm	600	500	3	7	2.6-26	477	243	79	121	255	10.5	197	345	68	23	535/353	121.5	121.5	230
5406TRBOXTER601VV5	0.6	TRBOXTER601VV5	19	1Ph-230V	0.75	88	30	1Am	750	600	4	7	0.5-5	574	304	107.5	159	318	12.5	246	391	62	29	474/518	152	152	290
5406TRBOXTER603VV5	0.6	TRBOXTER603VV5	19	3Ph-230/400V	0.75	88	30	1Am	750	600	4	7	0.5-5	574	304	107.5	159	318	12.5	246	391	62	29	474/518	152	152	290
5406TRBOXTER601VV10	0.6	TRBOXTER601VV10	19	1Ph-230V	1.5	101	30	1Am	750	600	4	7	0.9-9	574	304	107.5	159	318	12.5	246	391	62	29	512/518	152	152	290
5406TRBOXTER603VV10	0.6	TRBOXTER603VV10	19	3Ph-230/400V	1.5	101	30	1Am	750	600	4	7	0.9-9	574	304	107.5	159	318	12.5	246	391	62	29	512/518	152	152	290
5406TRBOXTER603VV15	0.6	TRBOXTER603VV15	19	3Ph-230/400V	2.2	100	30	1Am	750	600	4	7	1.5-15	574	304	107.5	159	318	12.5	246	391	62	29	496/518	152	152	290
5406TRBOXTER603VV20	0.6	TRBOXTER603VV20	19	3Ph-230/400V	3	104	30	1Am	750	600	4	7	1.8-18	574	304	107.5	159	318	12.5	246	391	62	29	558/558	152	152	290
5406TRBOXTER603VV30	0.6	TRBOXTER603VV30	19	3Ph-230/400V	4	107	30	1Bm	750	600	4	7	2.6-26	574	304	107.5	159	318	12.5	246	449	62	29	605/605	152	152	290
5406TRBOXTER801VV5	0.8	TRBOXTER801VV5	16.5	1Ph-230V	1.1	92	26	1Bm	950	800	3	8	0.4-4	574	304	107.5	159	318	12.5	246	391	62	29	480/518	152	152	290
5406TRBOXTER803VV5	0.8	TRBOXTER803VV5	16.5	3Ph-230/400V	1.1	92	26	1Bm	950	800	3	8	0.4-4	574	304	107.5	159	318	12.5	246	391	62	29	480/518	152	152	290
5406TRBOXTER803VV10	0.8	TRBOXTER803VV10	16.5	3Ph-230/400V	2.2	100	26	1Bm	950	800	3	8	0.9-9	574	304	107.5	159	318	12.5	246	391	62	29	496/518	152	152	290
5406TRBOXTER803VV13	0.8	TRBOXTER803VV13	16.5	3Ph-230/400V	3	104	26	1Bm	950	800	3	8	1.2-12	574	304	107.5	159	318	12.5	246	391	62	29	558/558	152	152	290
5406TRBOXTER803VV17	0.99	TRBOXTER803VV17	16.5	3Ph-230/400V	3	107	26	1Bm	950	800	3	8	1.5-15	574	304	107.5	159	318	12.5	246	391	62	29	558/558	152	152	290
5406TRBOXTER991VV5	0.99	TRBOXTER991VV5	14.5	1Ph-230V	1.1	92	23	1Bm	1,200	990	3	9	0.4-4	574	304	107.5	159	318	12.5	246	391	62	29	480/518	152	152	290
5406TRBOXTER993VV5	0.99	TRBOXTER993VV5	14.5	3Ph-230/400V	1.1	92	23	1Bm	1,200	990	3	9	0.4-4	574	304	107.5	159	318	12.5	246	391	62	29	480/518	152	152	290
5406TRBOXTER993VV10	0.99	TRBOXTER993VV10	14.5	3Ph-230/400V	2.2	100	23	1Bm	1,100	990	2	9	0.9-9	574	304	107.5	159	318	12.5	246	391	62	29	496/518	152	152	290
5406TRBOXTER993VV13	0.99	TRBOXTER993VV13	14.5	3Ph-230/400V	3	104	23	1Bm	990	990	1	9	1.2-12	574	304	107.5	159	318	12.5	246	391	62	29	558/558	152	152	290
5406TRBOXTER993VV17	0.99	TRBOXTER993VV17	14.5	3Ph-230/400V	4	107	23	1Cm	990	990	1	9	1.5-15	574	304	107.5	159	318	12.5	246	449	62	29	605/605	152	152	290
5406TRBOXTER1501VV4	1.5	TRBOXTER1501VV4	11.5	1Ph-230V	1.5	101	18.1	1Bm	1,500	1,500	1	11.5	0.4-4	574	304	107.5	159	318	12.5	246	391	62	29	512/518	152	152	290

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5406TRBOXTER1503VV4	1.5	TRBOXTER1503VV4	11.5	3Ph-230/400V	1.5	101	18.1	1Bm	1,500	1,500	1	11.5	0.4-4	574	304	107.5	159	318	12.5	246	391	62	29	512/518	152	152	290
5406TRBOXTER1503VV9	1.5	TRBOXTER1503VV9	11.5	3Ph-230/400V	3	104	18.1	1Cm	1,500	1,500	1	11.5	0.9-9	574	304	107.5	159	318	12.5	246	391	62	29	558/558	152	152	290

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