

Quality, Innovation, Cooperation

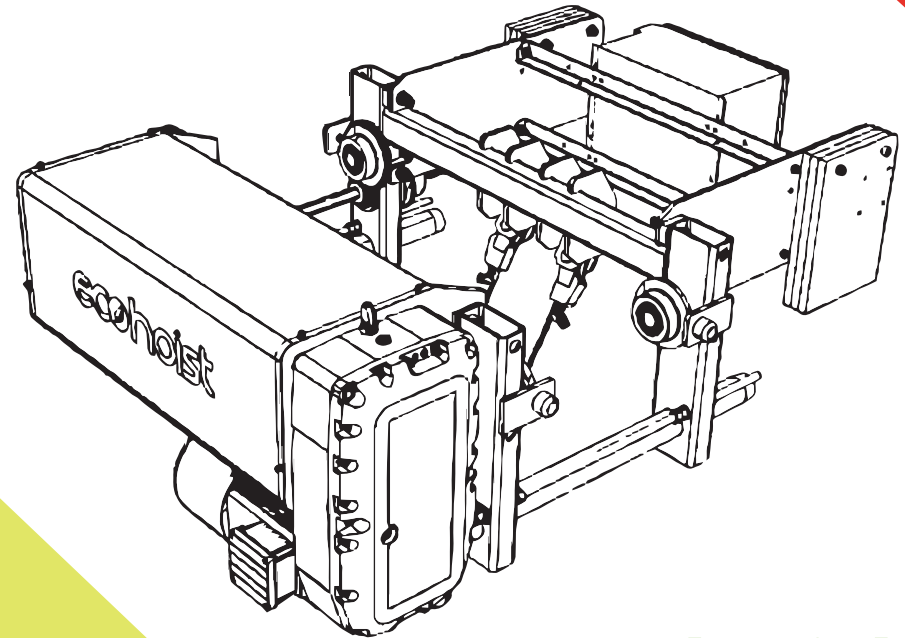
Novocrane (Suzhou) Co.,Ltd.

Add: No.1288 Pangjin Road, Wujiang Economic Development Zone, Suzhou City, China (215200)

Tel: +86-512-6312 0889 Fax: +86-512-6312 0886

E-mail: sales@novocrane.com Website: www.novocrane.com

Sales hotline: 400 110 1833



ecohoist
Product
selection manual
Single girder low headroom





ecohoist

One new type hoist could replace the traditional CD/MD type hoist.

NOVOCRANE Innovation creates value

Novocrane (Suzhou) Co., Ltd. is an advanced professional manufacturer and service provider of electric hoists, which inherits the advanced German product design concept, perfect technological process and strict quality management, committed to providing cost-effective products with reliable quality and good performance for users, and has an annual output of 20,000 sets of European-style electric hoist manufacturing capacity.

As an innovator and pioneer in the electric hoist segment, Novocrane has gained the trust of customers through the pursuit of quality, so that the products maintain a unique advantage in the market.



Product Core Components

Lifting Gear Limit Switch

Freely adjustable screw-type hoisting limiter with high precision, wide adjustment range, safety and reliability.
Multi-contact configuration can effectively realize the fast and slow speed switching and stopping function when rising and descending.



Drum

Using Q345 seamless steel tube as raw material and process it by numbers of working procedure. Advanced processing methods to ensure concentricity of the drum.

The depth of rope groove is in compliance with the FEM standard.

High-strength pressing plates and bolts are fastened on the end of the wire rope to ensure the safety of lifting.



Lifting Drive Unit

Three-in-one design of gearbox, lifting motor and brake. Large lifting torque, small size, smooth operation, low impact force, low noise, low energy consumption and long service life.

Protection class IP55 can meet the requirements of most Environments.

Single speed and variable frequency configurations are available.



Trolley Drive Unit

Three-in-one trolley drive unit with compact structure and smooth operation.

Aluminum alloy shell, fast heat dissipation, long life, low noise.

Smooth starting and braking, low impact force.

Brake discs does not contain asbestos.

Single speed and variable frequency configurations are available.



Rope Guide

Made of engineering plastics (or ductile cast iron).

Light weight, good abrasion resistance, effectively reduce the wear of the wire rope

Prevent wire rope from skipping and losing to off-groove.



Electric control

Single speed control for lifting and operation (optional).

The electric control is controlled by contactor, which is simple, economical, practical, safe and reliable.

Frequency conversion control for lifting and operation (optional).

The electric control adopts integrated controller, excellent performance, high efficiency and energy saving, easy to connect and use, safe and reliable.



High-performance wire rope

Imported wire rope of high-performance with tensile strength up to 2160Mpa.

The surface with galvanized processing for corrosion prevention effectively.

With good flexibility to ensure wear resistance of the wire rope and prolong its service life.



Hook Block

DIN standard hooks with safety catch and wire rope sheath.

Ergonomic design, high-strength materials of T-grade

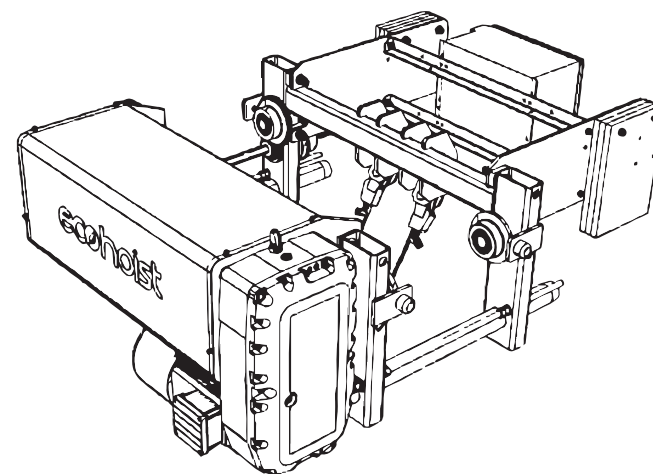
Attached with certificate of conformity for non-destructive testing of the hooks.



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ECO Wire Rope Hoist Code

ECO	4	050	21	T	3	4	F	S	A	N
1	ECO	Wire Rope Hoist Code								
2	4	Frame Model	3、Q53001 hoisting mechanism with 160mm drum, maximum load capacity: 3000kg 4、Q55001 hoisting mechanism with 268mm drum, maximum load capacity: 5000kg 5、Q55001 hoisting mechanism and 9kw variable frequency motor with 268mm drum, maximum load capacity: 10000kg 6、Q510001 hoisting mechanism with 295mm drum, maximum load capacity: 20000kg 7、Q525000 hoisting mechanism with 325mm drum							
3	050	Load Capacity	050=50x100=5000kg							
4	21	Rope Way	2、Reeving (2, 4); 1、The number of wire ropes fixed to the drum (1, 2)							
5	T	Lifting Motor Type	T、Variable Frequency Motor; M、Single speed motor;							
6	3	Lifting Motor Power	1~9 A、B、C							
7	4	Working Class	3、ISO M3; 4、ISO M4; 5、ISO M5; 6、ISO M6; 7、ISO M7							
8	F	Hoisting Mechanism Speed Ratio	E、F、G、H、I							
9	S	Trolley Structure	F、Fixed Type S、Single Girder D、Double Girder N、Normal Headroom							
10	A	Drum Length	A、550mm B、700mm C、900mm D、1100mm E、1300mm F、1500mm G、1700mm H、1900mm I、2100mm J、2300mm K、2500mm L、3100mm M、3700mm							
11	N	Special Instructions	N、Standard Configuration S、Special Design							



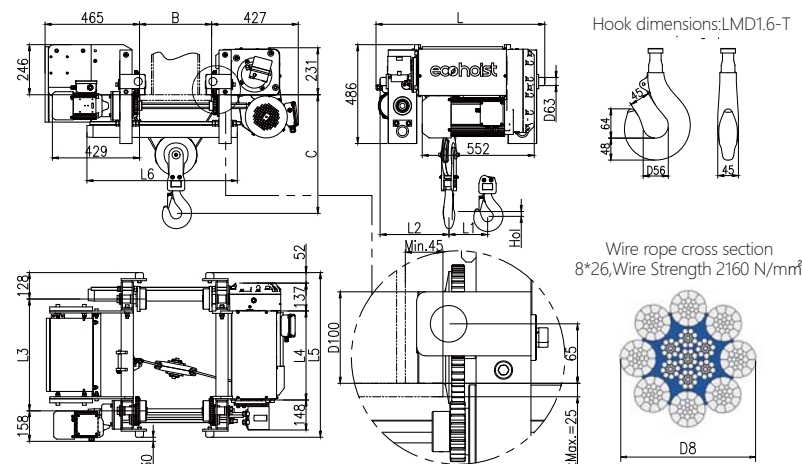
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.1. ECO3 Single Girder: 3000kg ECO303021T_4_SAN (H=6m)

Product Dimensions:

Hol (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)
6	800	107	310	514	436	770

B (mm)	L6 (mm)	C (mm)	Weight (Kg)
200-300	700	600	235
300-400	790	650	237
400-500	900	700	240



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	6	1Am(M4)	0-5	3.2	0-20	0.4
3000	6	1Am(M4)	0-8	4.5	0-20	0.4

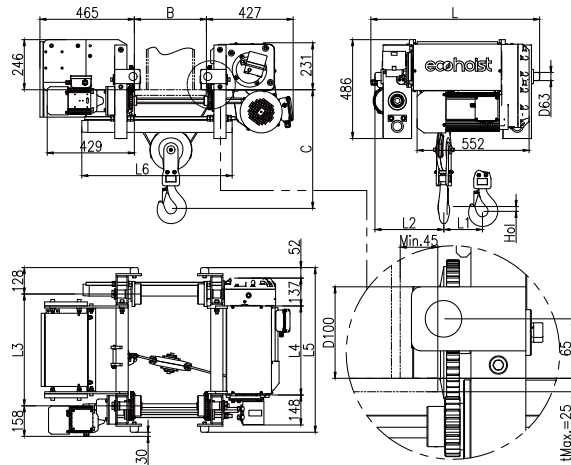
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.2. ECO3 Single Girder: 3000kg ECO303021T_4_SAN (H=9m)

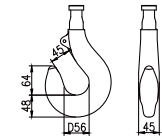
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)
9	900	161	310	614	536	870

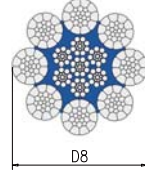
B (mm)	L6 (mm)	C (mm)	Weight (Kg)
200-300	700	600	244
300-400	790	650	246
400-500	900	700	249



Hook dimensions:LMD1.6-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	9	1Am(M4)	0-5	3.2	0-20	0.4
3000	9	1Am(M4)	0-8	4.5	0-20	0.4

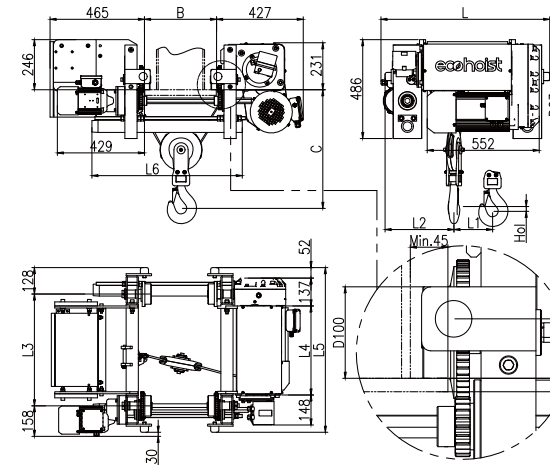
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.3. ECO3 Single Girder: 3000kg ECO303021T_4_SBN (H=12m)

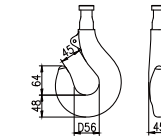
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)
12	1000	215	310	714	636	970

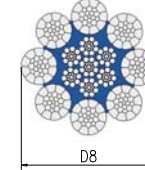
B (mm)	L6 (mm)	C (mm)	Weight (Kg)
200-300	700	600	250
300-400	790	650	252
400-500	900	700	255



Hook dimensions:LMD1.6-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	12	1Am(M4)	0-5	3.2	0-20	0.4
3000	12	1Am(M4)	0-8	4.5	0-20	0.4

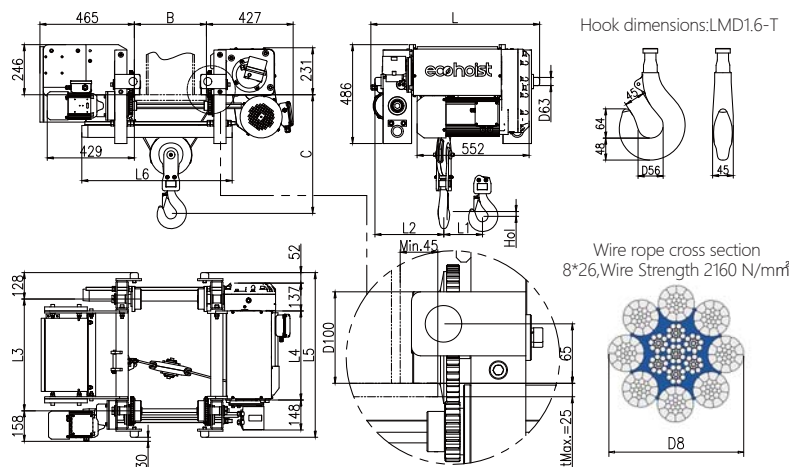
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.4. ECO3 Single Girder: 3000kg ECO303021T_4_SBN (H=15m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)
15	1100	269	310	814	736	1070

B (mm)	L6 (mm)	C (mm)	Weight (Kg)
200-300	700	600	259
300-400	790	650	262
400-500	900	700	265



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	15	1Am(M4)	0-5	3.2	0-20	0.4
3000	15	1Am(M4)	0-8	4.5	0-20	0.4

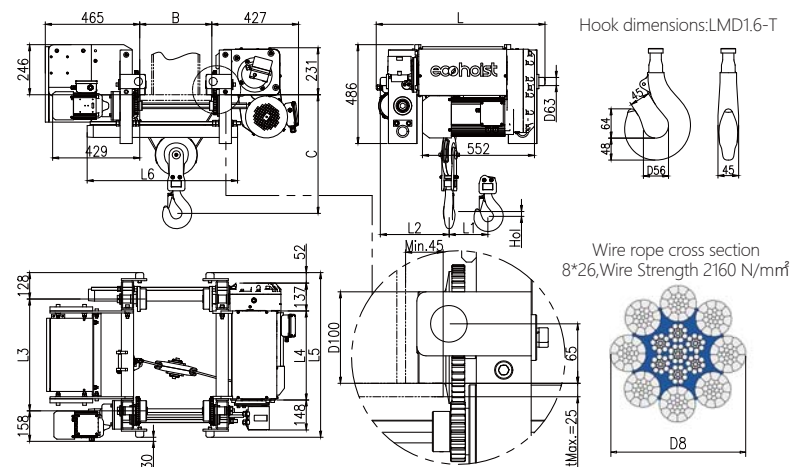
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.5. ECO3 Single Girder: 3000kg ECO303021T_4_SCN (H=18m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)
18	1200	322	310	914	836	1170

B (mm)	L6 (mm)	C (mm)	Weight (Kg)
200-300	700	600	269
300-400	790	650	271
400-500	900	700	274



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	15	1Am(M4)	0-5	3.2	0-20	0.4
3000	15	1Am(M4)	0-8	4.5	0-20	0.4

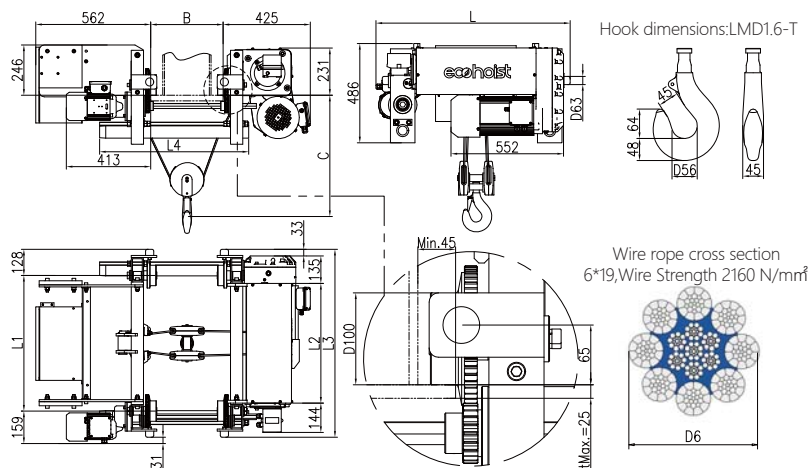
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.6. ECO3 Single Girder: 3000kg ECO303022T_5_SAN (H=6m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)
6(TVL)	950	664	586	920

B (mm)	L4 (mm)	C (mm)	Weight (Kg)
200-300	650	600	316
300-400	790	650	318
400-500	900	700	321



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	6(TVL)	2m(M5)	0-5	3.2	0-20	0.4
3000	6(TVL)	2m(M5)	0-8	4.5	0-20	0.4

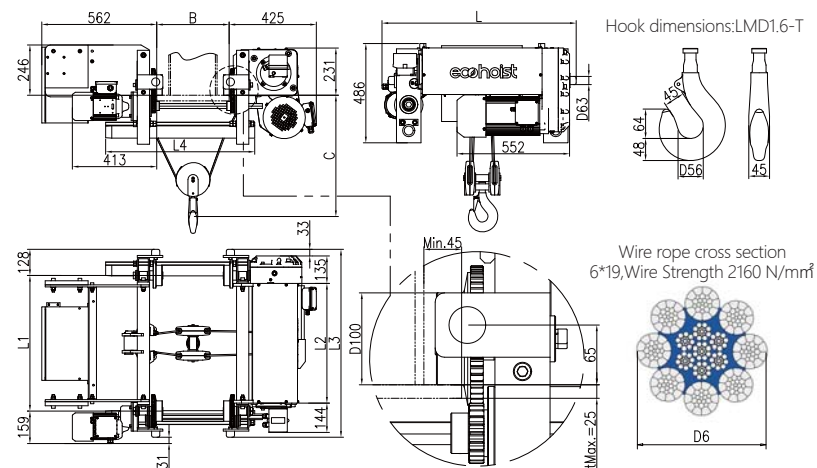
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.7. ECO3 Single Girder: 3000kg ECO303022T_5_SBN (H=9m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)
9(TVL)	1100	814	736	1070

B (mm)	L4 (mm)	C (mm)	Weight (Kg)
200-300	650	600	330
300-400	790	650	332
400-500	900	700	335



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	9(TVL)	2m(M5)	0-5	3.2	0-20	0.4
3000	9(TVL)	2m(M5)	0-8	4.5	0-20	0.4

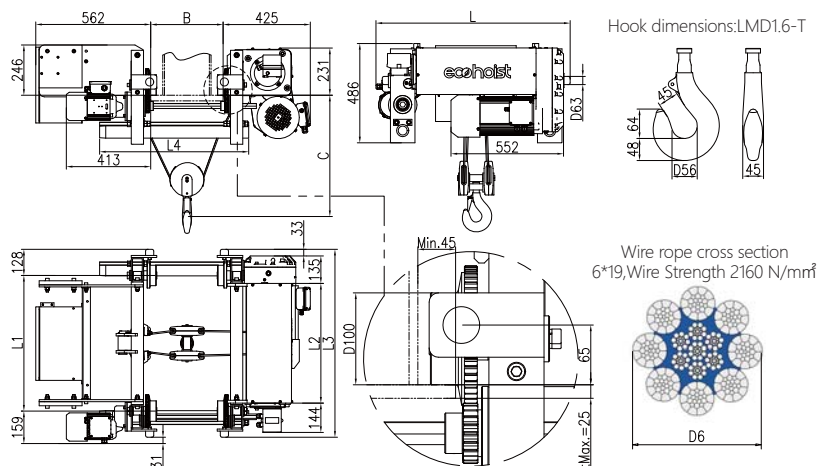
ECO3 Low Headroom Single Girder Wire Rope Hoist

1.8. ECO3 Single Girder: 3000kg ECO303022T_5_SCN (H=12m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)
12(TVL)	1300	1014	936	1270

B (mm)	L4 (mm)	C (mm)	Weight (Kg)
200-300	650	600	347
300-400	790	650	349
400-500	900	700	352



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	12(TVL)	2m(M5)	0-5	3.2	0-20	0.4
3000	12(TVL)	2m(M5)	0-8	4.5	0-20	0.4

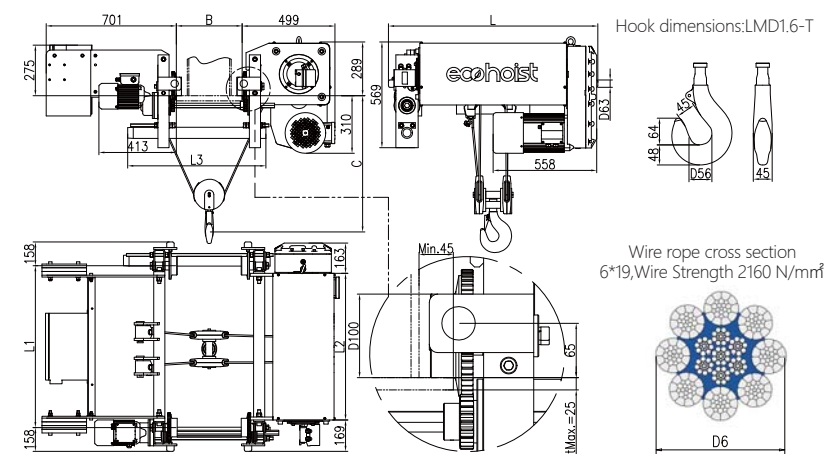
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.9. ECO4 Single Girder: 3000kg ECO403022T_5_SCN (H=15m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
15(TVL)	1188	872	790

B (mm)	L3 (mm)	C (mm)	Weight (Kg)
200-300	650	600	510
300-400	790	650	512
400-500	900	740	515



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	15(TVL)	2m(M5)	0-5	4.9	0-20	0.4
3000	15(TVL)	2m(M5)	0-8	7.5	0-20	0.4

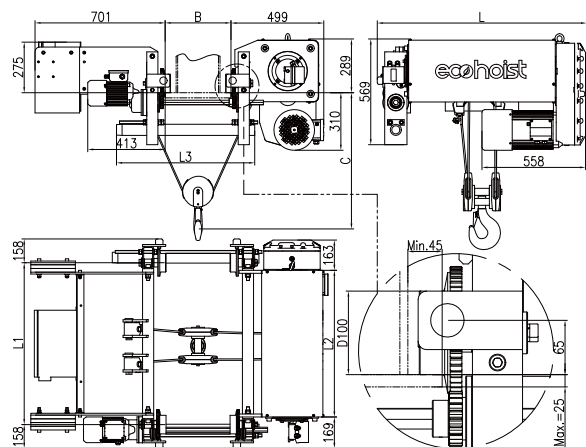
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.10. ECO4 Single Girder: 3000kg ECO403022T_5_SCN (H=18m)

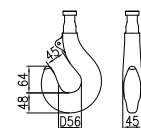
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
18(TVL)	1288	972	890

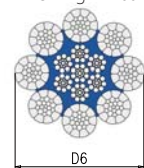
B (mm)	L3 (mm)	C (mm)	Weight (Kg)
200-300	650	600	527
300-400	790	650	529
400-500	900	740	532



Hook dimensions:LMD1.6-T



Wire rope cross section
6*19, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
3000	18(TVL)	2m(M5)	0-5	4.9	0-20	0.4
3000	18(TVL)	2m(M5)	0-8	7.5	0-20	0.4

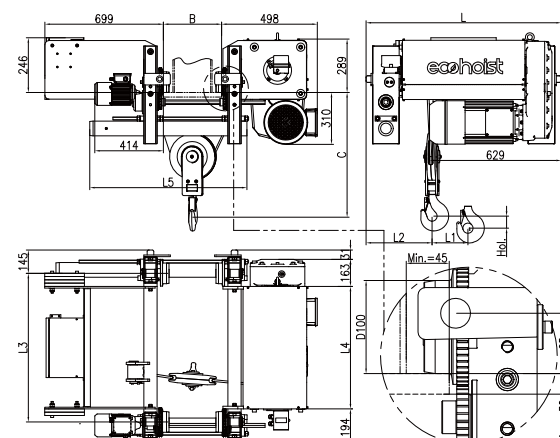
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.11. ECO4 Single Girder: 5000kg ECO405021T_4_SAN (H=6m)

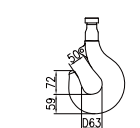
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
6	828	90	355	522	440

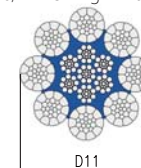
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	463
300-400	790	740	464
400-500	900	800	466
500-600	1000	850	469



Hook dimensions:LMD2.5-T



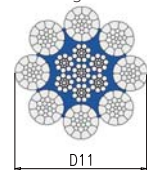
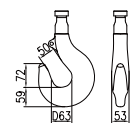
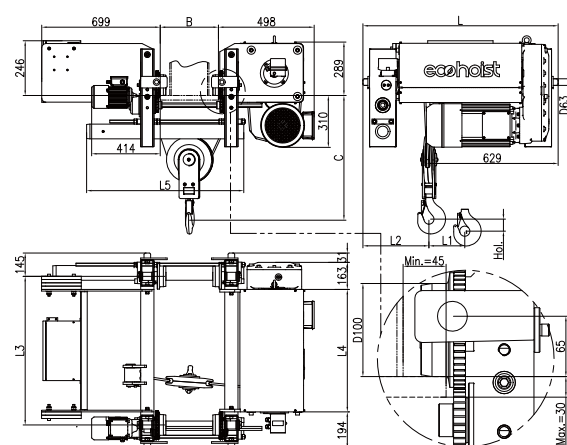
Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

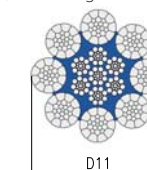
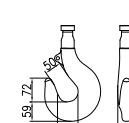
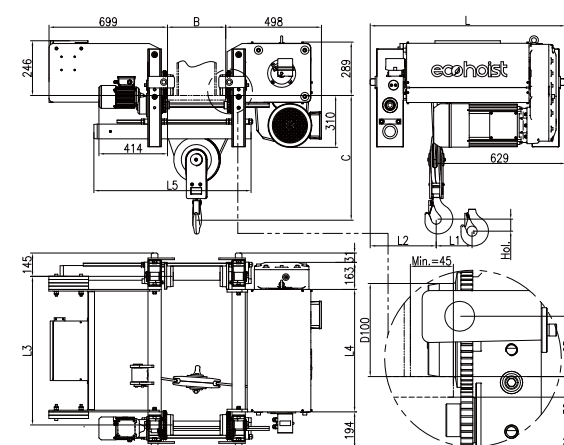
Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	6	2m(M5)	0-5	4.9	0-20	0.4
5000	6	2m(M5)	0-8	7.5	0-20	0.4

1.12. ECO4 Single Girder: 5000kg ECO405021T 4 SAN (H=9m)



Rated Capacity	Lifting Height	Working Class	Lifting Speed	Lifting Motor Power	Trolley Speed	Trolley Motor Power
(Kg)	(m)	(FEM/GB)	(m/min)	(kw)	(m/min)	(kw)
5000	9	2m(M5)	0-5	4.9	0-20	0.4
5000	9	2m(M5)	0-8	7.5	0-20	0.4

1.13. ECO4 Single Girder: ECO405021T 4 SBN (H=12m)



Rated Capacity	Lifting Height	Working Class	Lifting Speed	Lifting Motor Power	Trolley Speed	Trolley Motor Power
(Kg)	(m)	(FEM/GB)	(m/min)	(kw)	(m/min)	(kw)
5000	12	2m(M5)	0-5	4.9	0-20	0.4
5000	12	2m(M5)	0-8	7.5	0-20	0.4

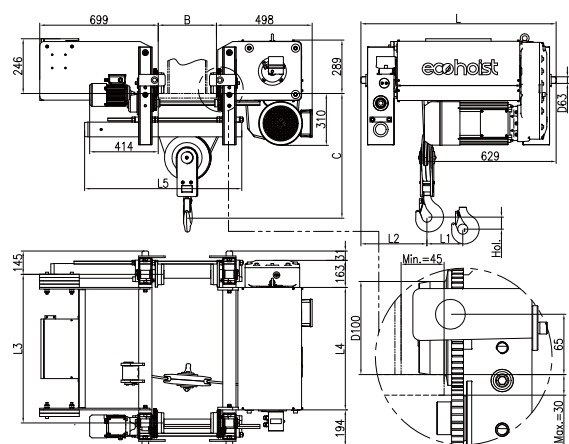
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.14. ECO4 Single Girder: 5000kg ECO405021T_4_SBN (H=15m)

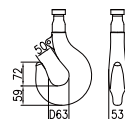
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
15	1078	223	405	772	690

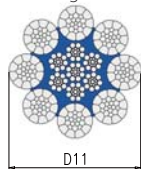
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	509
300-400	790	740	510
400-500	900	800	512
500-600	1000	850	515



Hook dimensions:LMD2.5-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	15	2m(M5)	0-5	4.9	0-20	0.4
5000	15	2m(M5)	0-8	7.5	0-20	0.4

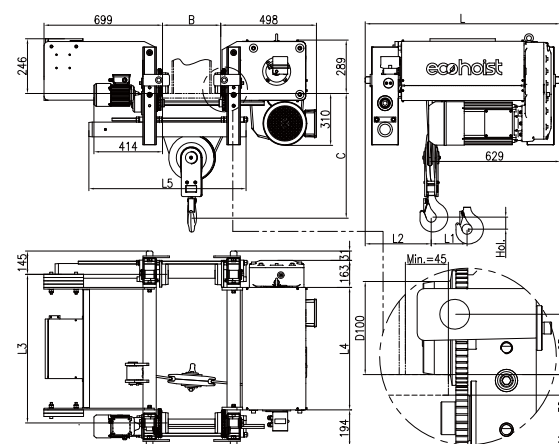
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.15. ECO4 Single Girder: 5000kg ECO405021T_4_SCN (H=18m)

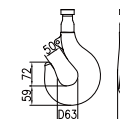
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
18	1178	260	405	872	790

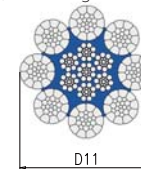
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	537
300-400	790	740	538
400-500	900	800	540
500-600	1000	850	543



Hook dimensions:LMD2.5-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	18	2m(M5)	0-5	4.9	0-20	0.4
5000	18	2m(M5)	0-8	7.5	0-20	0.4

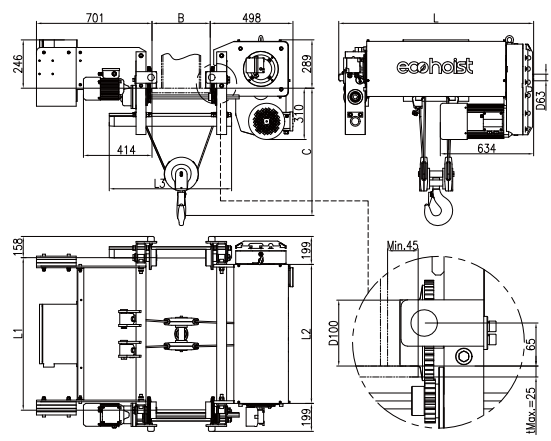
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.16. ECO4 Single Girder: 5000kg ECO405022T_5_SAN (H=6m)

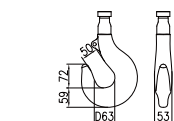
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
6(TVL)	988	672	590

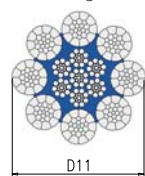
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	498
300-400	790	740	500
400-500	900	800	502
500-600	1000	850	505



Hook dimensions:LMD2.5-T



Wire rope cross section
8*26,Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	6(TVL)	2m(M5)	0-5	4.9	0-20	0.4
5000	6(TVL)	2m(M5)	0-8	7.5	0-20	0.4

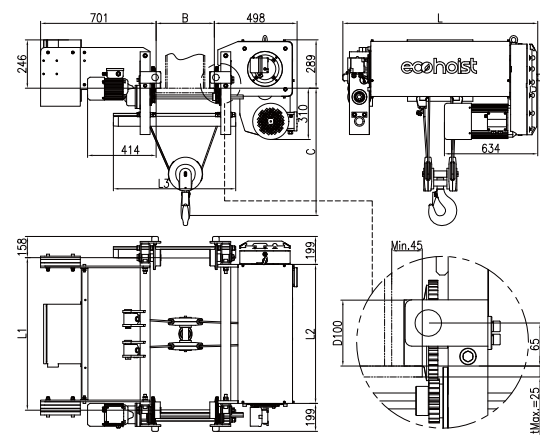
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.17. ECO4 Single Girder: 5000kg ECO405022T_5_SBN (H=9m)

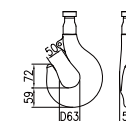
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
9(TVL)	1088	772	690

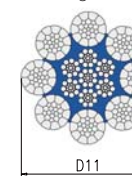
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	498
300-400	790	740	500
400-500	900	800	502
500-600	1000	850	505



Hook dimensions:LMD2.5-T



Wire rope cross section
8*26,Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	9(TVL)	2m(M5)	0-5	4.9	0-20	0.4
5000	9(TVL)	2m(M5)	0-8	7.5	0-20	0.4

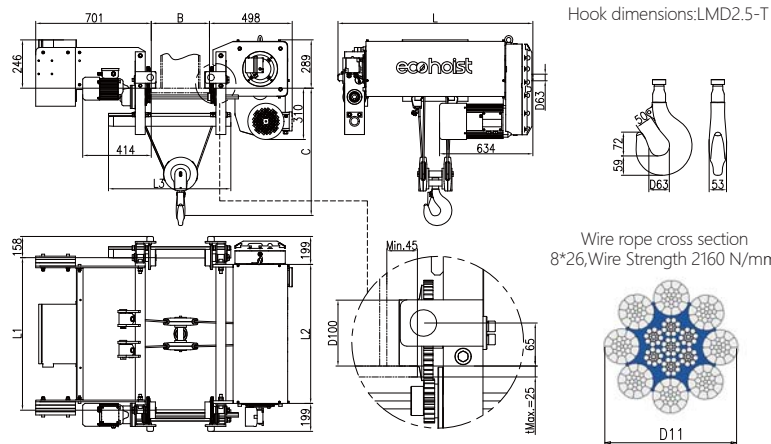
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.18. ECO4 Single Girder: 5000kg ECO405022T_5_SCN (H=12m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
12(TVL)	1238	922	840

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	574
300-400	790	740	575
400-500	900	800	577
500-600	1000	850	580



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	12(TVL)	2m(M5)	0-5	4.9	0-20	0.4
5000	12(TVL)	2m(M5)	0-8	7.5	0-20	0.4

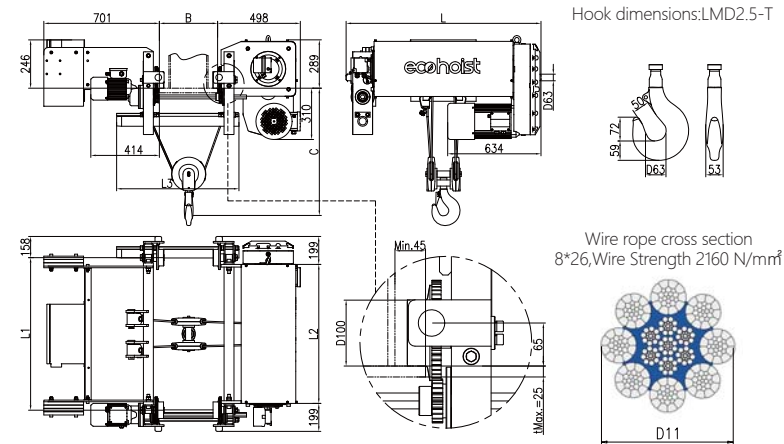
ECOECO4 Low Headroom Single Girder Wire Rope Hoist

1.19. ECO4 Single Girder: 5000kg ECO405022T_5_SCN (H=15m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
15(TVL)	1338	1022	940

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
200-300	650	740	585
300-400	790	740	587
400-500	900	800	589
500-600	1000	850	592



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	15(TVL)	2m(M5)	0-5	4.9	0-20	0.4
5000	15(TVL)	2m(M5)	0-8	7.5	0-20	0.4

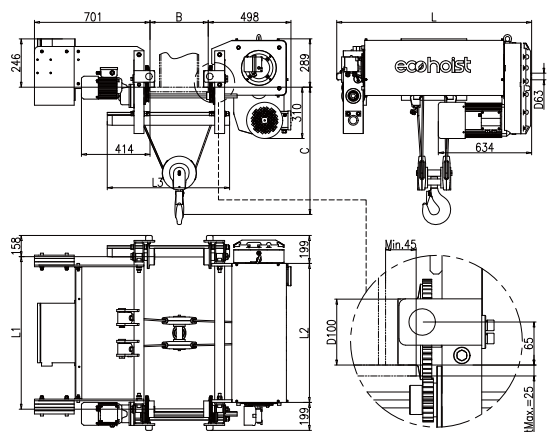
ECO4 Low Headroom Single Girder Wire Rope Hoist

1.20. ECO4 Single Girder: 5000kg ECO405022T_5_SDN (H=18m)

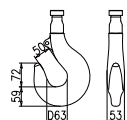
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
18(TVL)	1488	1172	1090

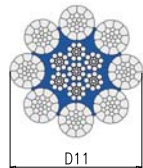
B (mm)	L3 (mm)	C (mm)	Weight (Kg)
200-300	650	740	603
300-400	790	740	605
400-500	900	800	607
500-600	1000	850	610



Hook dimensions:LMD2.5-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
5000	18(TVL)	2m(M5)	0-5	4.9	0-20	0.4
5000	18(TVL)	2m(M5)	0-8	7.5	0-20	0.4

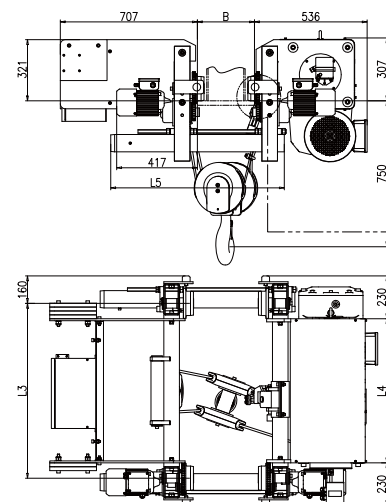
ECO5 Low Headroom Single Girder Wire Rope Hoist

1.21. ECO5 Single Girder: 10000kg ECO510041T65FSAN (H=6m)

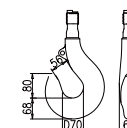
Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
6	1050	89	439	730	590

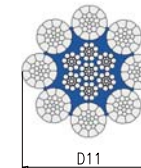
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
300-400	800	750	647
400-500	900	750	648
500-600	1000	800	650



Hook dimensions:LMD4.0-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
10000	6	2m(M5)	0-5	9	0-20	2*0.4

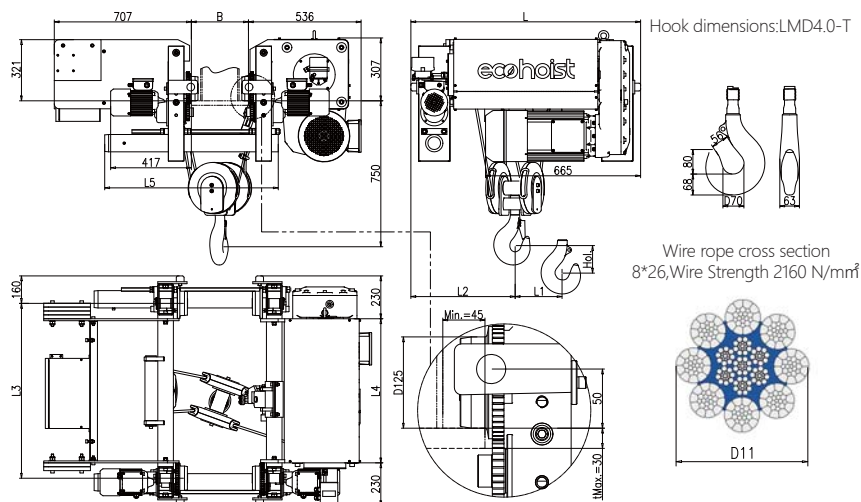
ECO5 Low Headroom Single Girder Wire Rope Hoist

1.22. ECO5 Single Girder:10000kg ECO510041T65FSBN (H=9m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
9	1200	133	519	880	740

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
300-400	800	750	669
400-500	900	750	670
500-600	1000	800	672



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
10000	9	2m(M5)	0-5	9	0-20	2*0.4

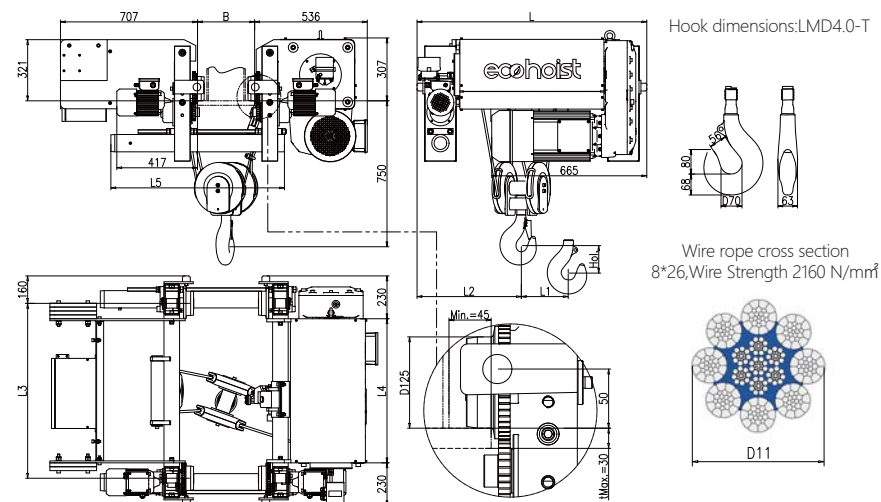
ECO5 Low Headroom Single Girder Wire Rope Hoist

1.23. ECO5 Single Girder:10000kg ECO510041T65FSCN (H=12m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
12	1400	178	519	1080	940

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
300-400	800	750	698
400-500	900	750	699
500-600	1000	800	701



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
10000	12	2m(M5)	0-5	9	0-20	2*0.4

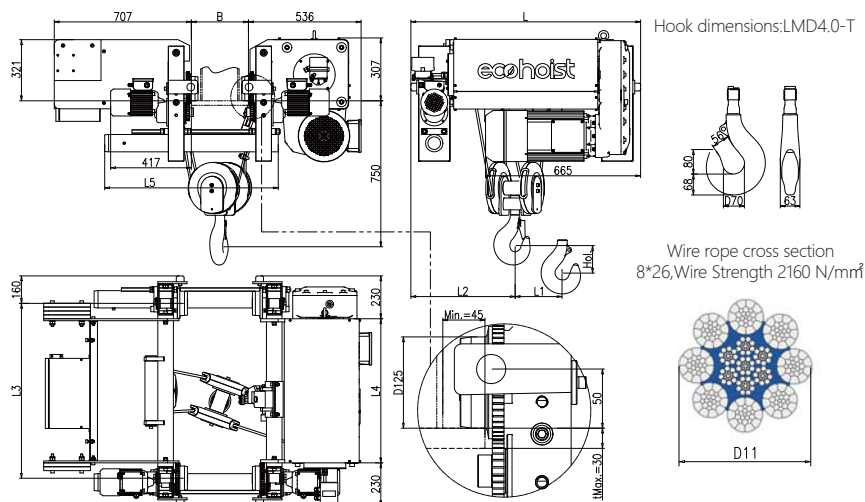
ECO5 Low Headroom Single Girder Wire Rope Hoist

1.24. ECO5 Single Girder:10000kg ECO510041T65FSDN (H=15m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
15	1600	222	430	1280	1140

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
300-400	800	750	727
400-500	900	750	729
500-600	1000	800	731



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
10000	15	2m(M5)	0-5	9	0-20	2*0.4

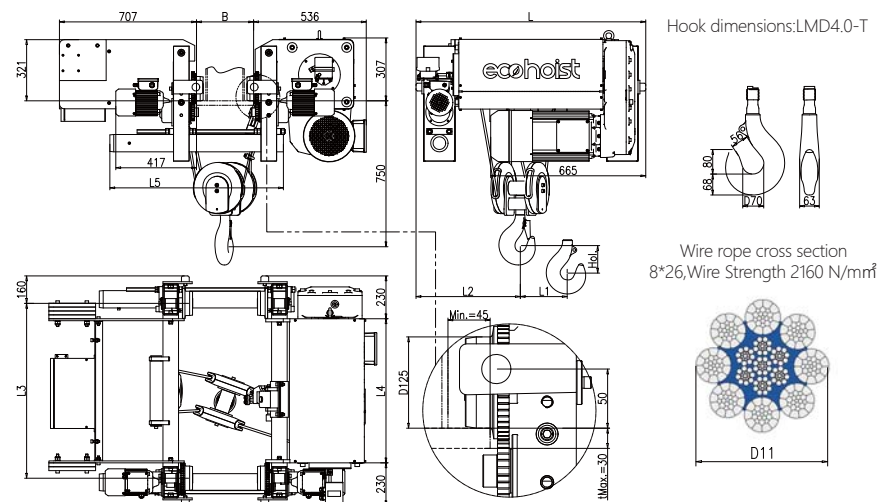
ECO5 Low Headroom Single Girder Wire Rope Hoist

1.25. ECO5 Single Girder:10000kg ECO510041T65FSEN (H=18m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
18	1800	269	430	1480	1340

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
300-400	800	750	766
400-500	900	750	768
500-600	1000	800	771



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
10000	18	2m(M5)	0-5	9	0-20	2*0.4

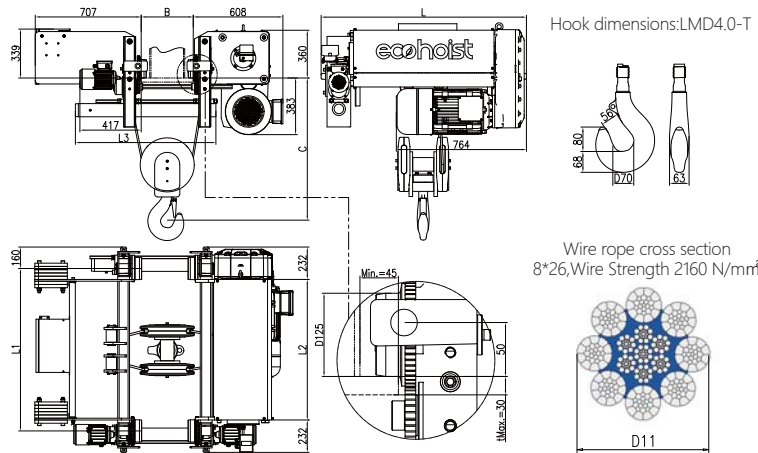
ECO6 Low Headroom Single Girder Wire Rope Hoist

1.30. ECO6 Single Girder:10000kg ECO610022T_5_SEN (H=18m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)
18(TVL)	1760	1440	1296

B (mm)	L3 (mm)	C (mm)	Weight (Kg)
300-400	800	750	1029
400-500	900	750	1031
500-600	1000	800	1033



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
10000	18(TVL)	2m(M5)	0-5	9.5	0-20	2*0.4
10000	18(TVL)	2m(M5)	0-7	13.5	0-20	2*0.4

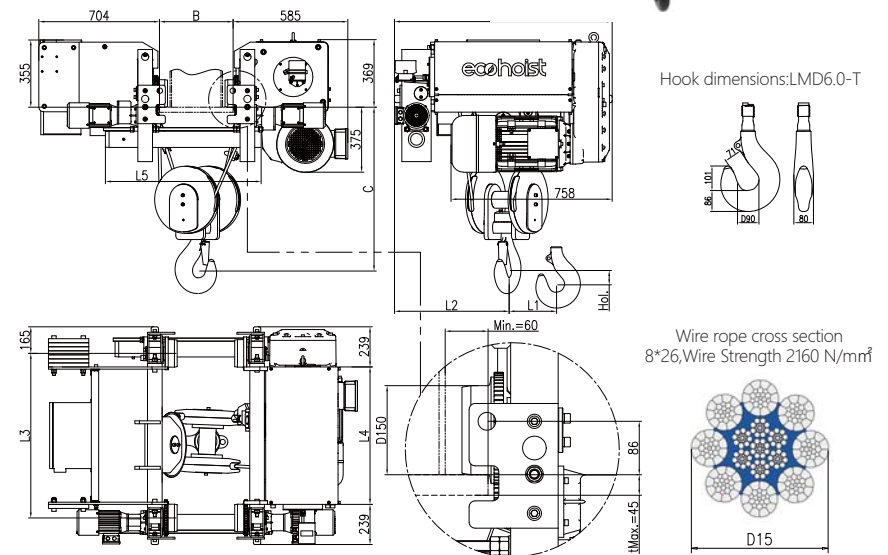
ECO6 Low Headroom Single Girder Wire Rope Hoist

1.31. ECO6 Single Girder:16000/20000kg
ECO616041T75HSBN/ ECO620041T74HSBN (H=6m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
6	1178	110	520	848	700

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	919	945



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	6	2m(M5)	0-3.5	13.5	0-20	2*0.8
20000	6	1Am(M4)	0-3.5	13.5	0-20	2*0.8

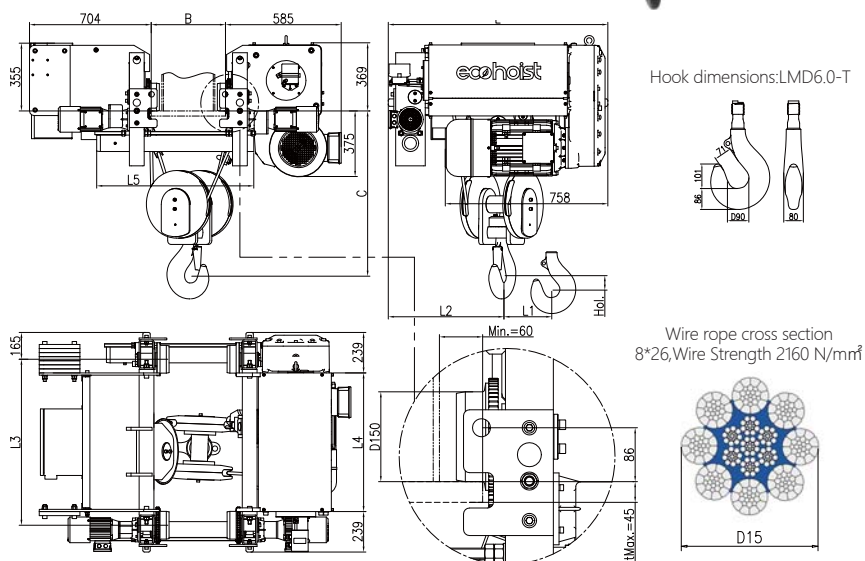
ECO6 Low Headroom Single Girder Wire Rope Hoist

1.32. ECO6 Single Girder:16000/20000kg
ECO616041T75HSCN/ ECO620041T74HSCN (H=9m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
9	1378	155	520	1048	900

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	919	1022



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	9	2m(M5)	0-3.5	13.5	0-20	2*0.8
20000	9	1Am(M4)	0-3.5	13.5	0-20	2*0.8

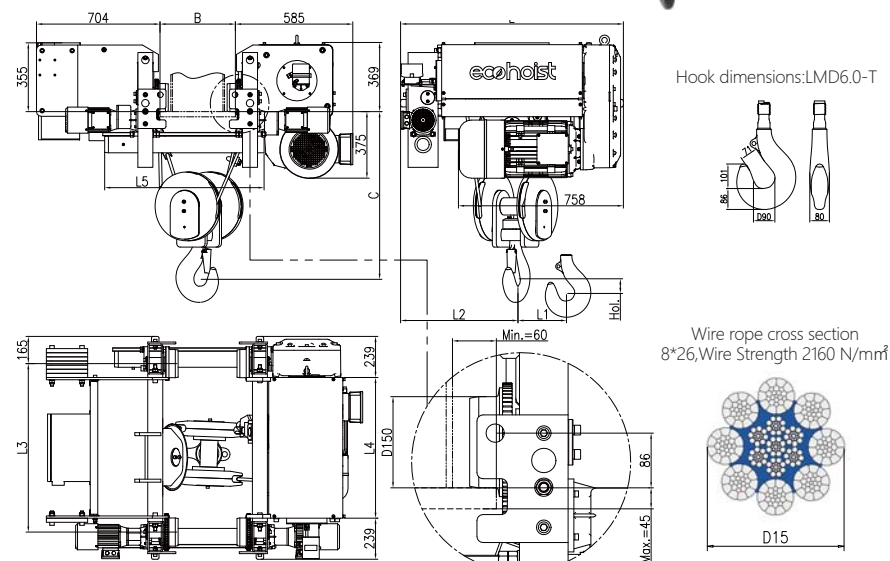
ECO6 Low Headroom Single Girder Wire Rope Hoist

1.33. ECO6 Single Girder:16000/20000kg
ECO616041T75HSDN/ ECO620041T74HSDN (H=12m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
12	1578	220	500	1248	1100

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	750	1108



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	12	2m(M5)	0-3.5	13.5	0-20	2*0.8
20000	12	1Am(M4)	0-3.5	13.5	0-20	2*0.8

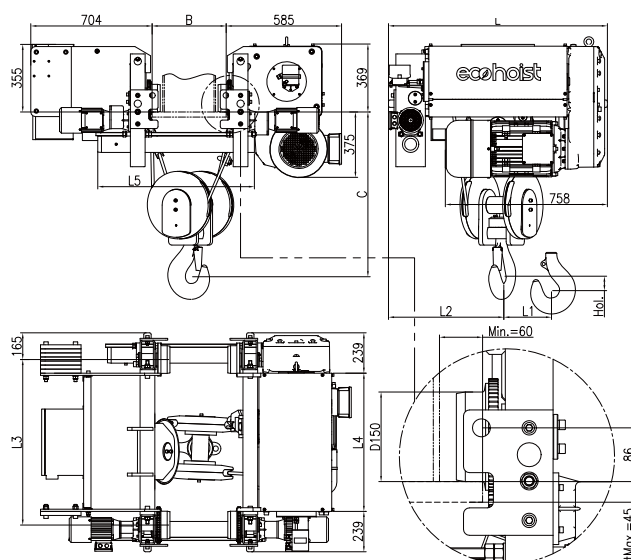
ECO6 Low Headroom Single Girder Wire Rope Hoist

1.34. ECO6 Single Girder: 16000/20000kg
ECO616041T75HSEN/ ECO620041T74HSEN (H=15m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
15	1778	275	491	1448	1300

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	919	1166



Hook dimensions:LMD6.0-T

Wire rope cross section
8*26,Wire Strength 2160 N/mm²

Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	15	2m(M5)	0-3.5	13.5	0-20	2*0.8
20000	15	1Am(M4)	0-3.5	13.5	0-20	2*0.8

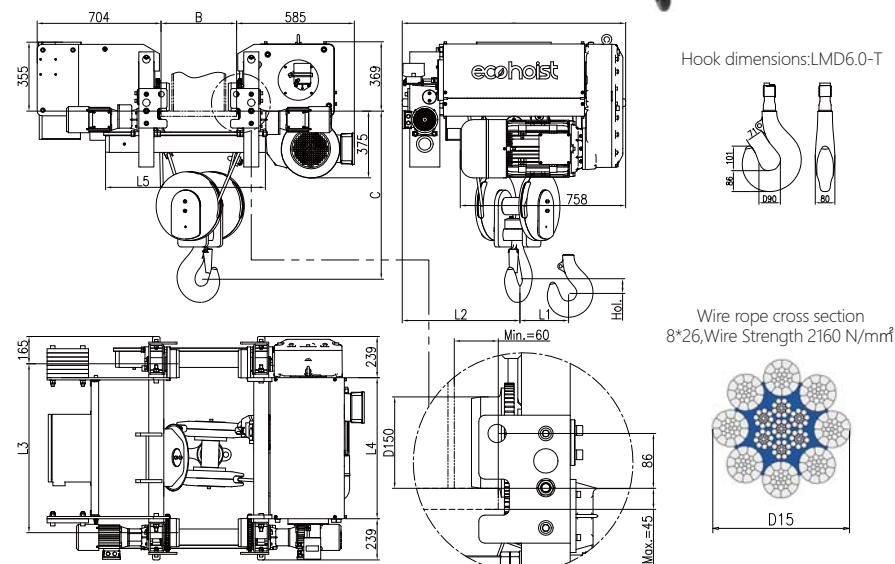
ECO6 Low Headroom Single Girder Wire Rope Hoist

1.35. ECO6 Single Girder:16000/20000kg
ECO616041T75HSFN/ ECO620041T74HSFN (H=18m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
18	1978	330	471	1648	1500

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	919	1242



Hook dimensions:LMD6.0-T

Wire rope cross section
8*26,Wire Strength 2160 N/mm²

Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	18	2m(M5)	0-3.5	13.5	0-20	2*0.8
20000	18	1Am(M4)	0-3.5	13.5	0-20	2*0.8

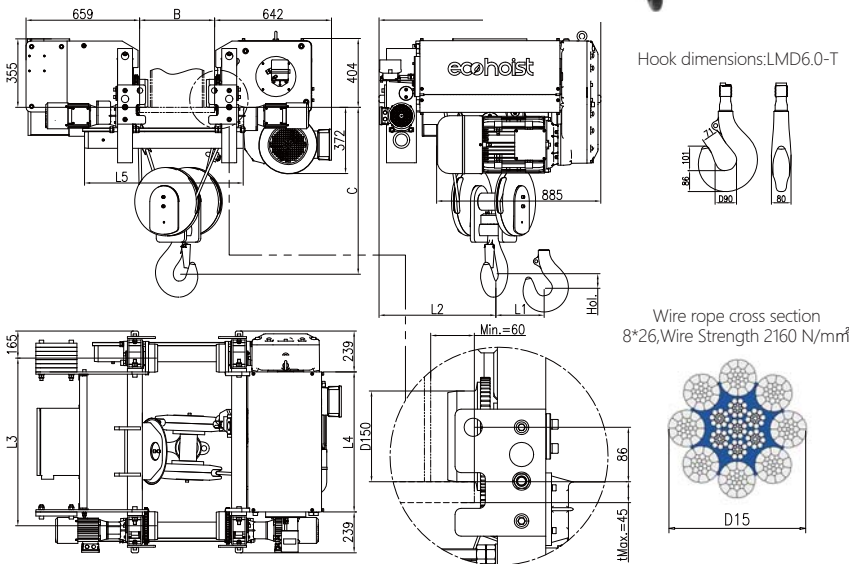
ECO7 Low Headroom Single Girder Wire Rope Hoist

1.36. ECO7 Single Girder:16000/20000kg
ECO716041T85ISBN/ ECO720041T84ISBN (H=6m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
6	1228	100	600	898	750

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	850	1100



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	6	2m(M5)	0-5	20	0-20	2*0.8
20000	6	1Am(M4)	0-5	20	0-20	2*0.8

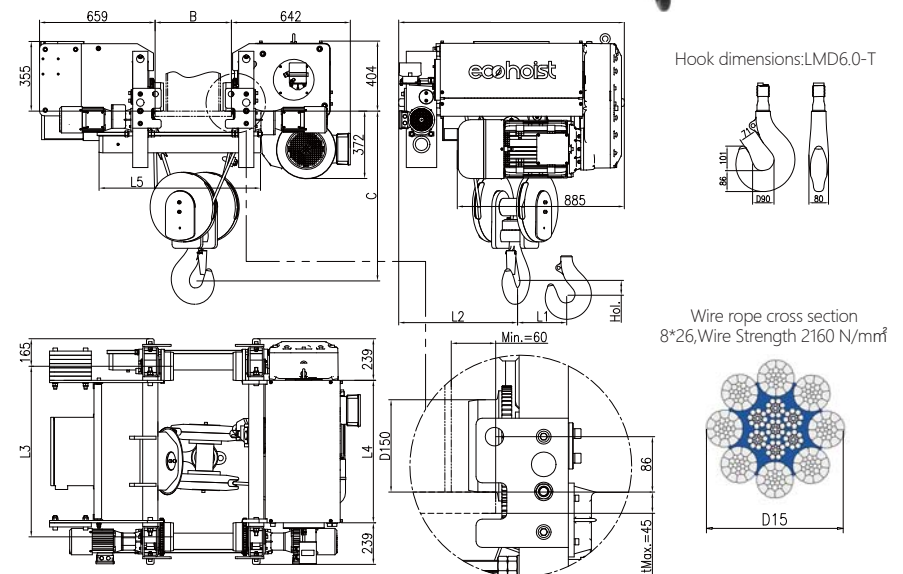
ECO7 Low Headroom Single Girder Wire Rope Hoist

1.37. ECO7 Single Girder:16000/20000kg
ECO716041T85ISCN/ ECO720041T84ISCN (H=9m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
9	1228	150	632	1098	950

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	850	1185



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	9	2m(M5)	0-5	20	0-20	2*0.8
20000	9	1Am(M4)	0-5	20	0-20	2*0.8

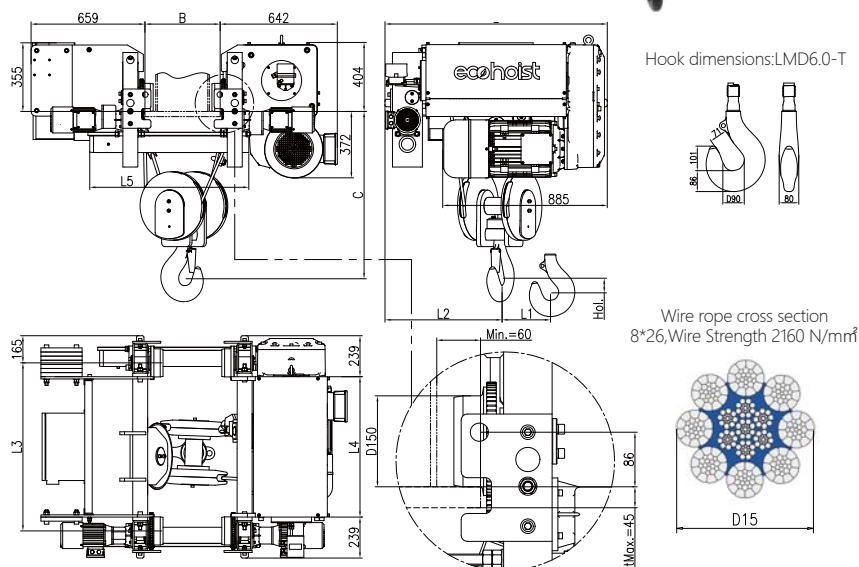
ECO7 Low Headroom Single Girder Wire Rope Hoist

1.38. ECO7 Single Girder: 16000/20000kg
ECO716041T85ISDN/ ECO720041T84ISDN (H=12m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
12	1628	200	678	1298	1150

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	850	1255



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	12	2m(M5)	0-5	20	0-20	2*0.8
20000	12	1Am(M4)	0-5	20	0-20	2*0.8

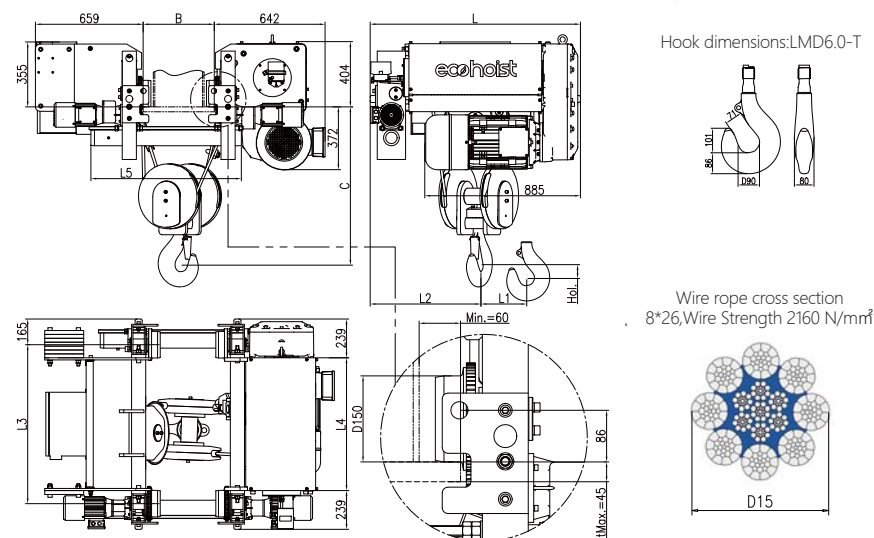
ECO7 Low Headroom Single Girder Wire Rope Hoist

1.39. ECO7 Single Girder: 16000/20000kg
ECO716041T85ISEN/ ECO720041T84ISEN (H=15m)

Product Dimensions:

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
15	1828	250	678	1498	1350

B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	850	1325



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	15	2m(M5)	0-5	20	0-20	2*0.8
20000	15	1Am(M4)	0-5	20	0-20	2*0.8

ECO7 Low Headroom Single Girder Wire Rope Hoist

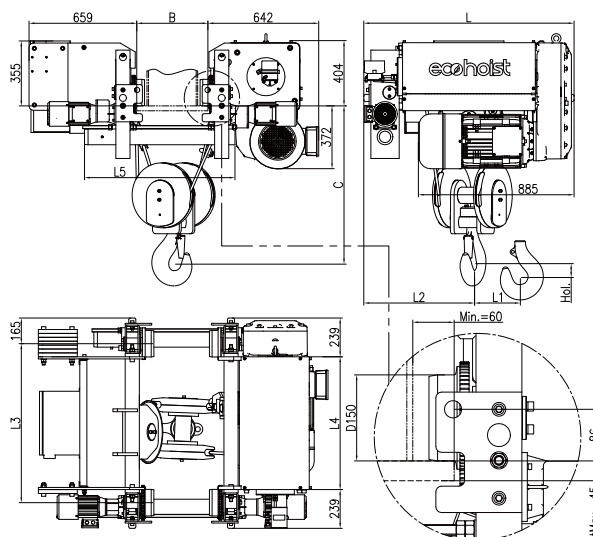
1.40. ECO7 Single Girder: 16000/20000kg

ECO716041T85ISFN/ ECO720041T84ISFN (H=18m)

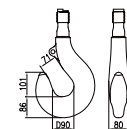
Product Dimensions::

HoI (m)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
18	2028	300	678	1698	1550

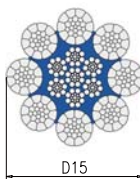
B (mm)	L5 (mm)	C (mm)	Weight (Kg)
350-450	800	850	1395



Hook dimensions:LMD6.0-T



Wire rope cross section
8*26, Wire Strength 2160 N/mm²



Product Parameter:

Rated Capacity (Kg)	Lifting Height (m)	Working Class (FEM/GB)	Lifting Speed (m/min)	Lifting Motor Power (kw)	Trolley Speed (m/min)	Trolley Motor Power (kw)
16000	18	2m(M5)	0-5	20	0-20	2*0.8
20000	18	1Am(M4)	0-5	20	0-20	2*0.8