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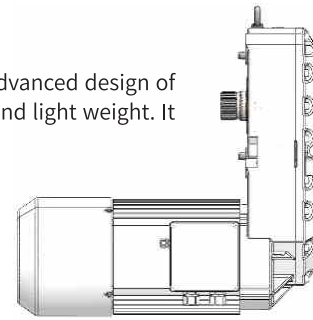
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EDM
LIFTING DRIVES AND MOTORS

Product Overview

EDM series special lifting geared motor is a wire rope hoisting drive device, which adopts the advanced design of electromechanical integration. The structure of the hoisting geared motor is reasonable, compact and light weight. It has a series of advantages such as large carrying capacity, long service life and good appearance.



- **Lifting geared motor body structure characteristics:**

- (1) The use of hardened helical gear design, the overall efficiency is higher than 94%.
- (2) Adopting spline output structure, high output torque and smoother gear loading.
- (3) The housing is made of aluminum alloy casting, beautiful and durable, small volume, light weight, high corrosion resistance.
- (4) High efficiency of heat dissipation.
- (5) Smooth transmission and low running noise.
- (6) The gearbox can be mounted at any angle from 0° to 90° from the direction of view facing the output shaft.

- **Characteristics of lifting geared motor:**

With aluminum alloy housing, heavy-duty bearing design, it has the characteristics of small volume, light weight and impact resistance. Suitable for high starting and stopping conditions. Low starting current, high starting torque, smooth running, good performance of static and dynamic starting characteristics. Smooth soft acceleration, low wear.

- **Double-sided friction safety brake:**

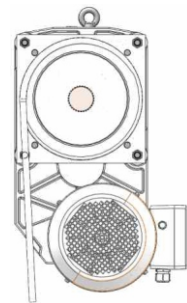
Fast response, long lasting and low maintenance frequency. In case of power loss, the brake is automatically applied.

- **Surface coating of lifting geared motor:**

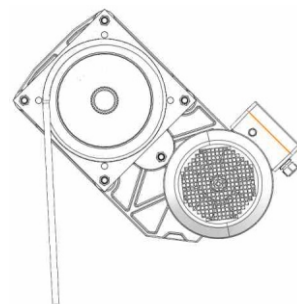
1. The housing is first shot blasted and then treated with special anti-corrosion treatment.
2. Phosphatization treatment and then spray paint.

Selection of mounting form and winding direction

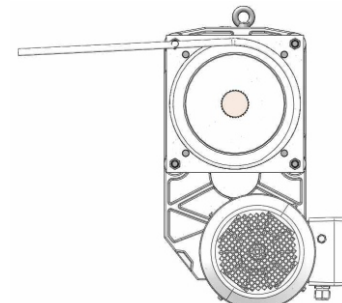
- **Main mounting form: 0°-90°free rotation mounting**



0 degree mounting



45 degree mounting



90 degree mounting

- **Direction of output shaft rotation during lifting:**

From the direction of facing the output shaft, the output shaft rotates clockwise when lifting.

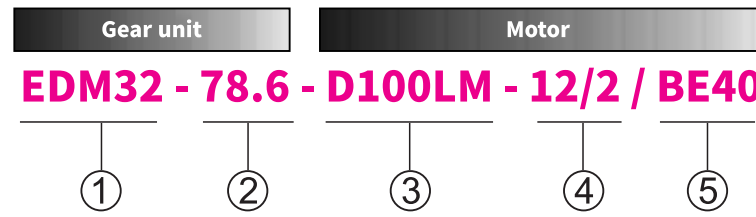
- **Common configuration options for motors:**

Motor protection class: IP55 (standard), IP65 (optional).
 Brake protection class: IP55 (standard), IP65 (optional).
 Motor insulation class: Class F (standard), Class H (optional).
 Two-speed motor configuration: PTC thermistor with temperature switch sensor (standard).
 Variable speed motor configuration: temperature switch sensor (standard), PTC thermistor (optional).
 BE series safety brake protection class: IP55 (standard), IP65 (optional).

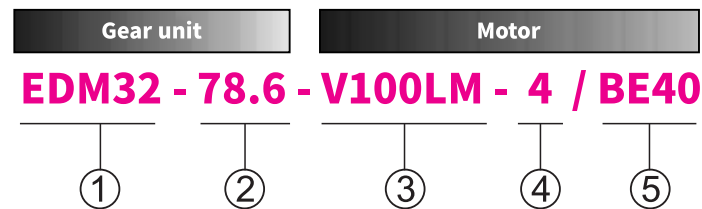
Technical Information

Serial No.	Product Descriptions	Technical Requirements
1	Motor Type & Power	12-2 pole two-speed motors or variable speed motors up to 38kW
2	Motor Protection Class	Motor IP55 (optional IP65)
3	Motor Insulation Grade	Class F, Class H (optional)
4	Brake	Double-sided safety brake, IP55 (IP65 optional). High speed excitation rectifier block; Function and wear monitoring microswitch (optional).
5	Reducer type	3-stage parallel shaft reducer, aluminum housing, direct-connected reel mounting; reducer efficiency higher than 94%.
6	Surface Corrosion Protection	Gearboxes used in humid and chemically aggressive environments are supplied with special surface protection as required.
7	Lifting Speed	4 - 15 m/min at 4/1 reeving
8	Secure Loads	2.0-40t
9	Cooling Methods	Self ventilated or forced ventilation
10	Environmental Temperature	Designed for ambient temperatures from -15°C to 40°C. For ambient temperatures outside this range, please contact EED.
11	Design	Based on DIN standards and in accordance with FEM standards
12	Noise Indicator	Conforms to VDI guideline 2159, motor noise according to EN60034

Product Description



No.	Clarification
1	Reducer Model (EDM XXX)
2	Reducer Ratio (i=39.7, 49.5, 62.6, 78.6)
3	Driver Type Specialized two-speed motor, D100LM is the motor base number
4	Number of motor poles 12/2 is two-speed motor poles
5	BE Brake Torque 40Nm



No.	Clarification
1	Reducer Model (EDM XXX)
2	Reducer Ratio (i=39.7, 49.5, 62.6, 78.6)
3	Driver Type Specialized exchange motors, V100LM is the motor base number
4	Number of motor poles 4 is the number of poles of inverter motor
5	BE Brake Torque 40Nm

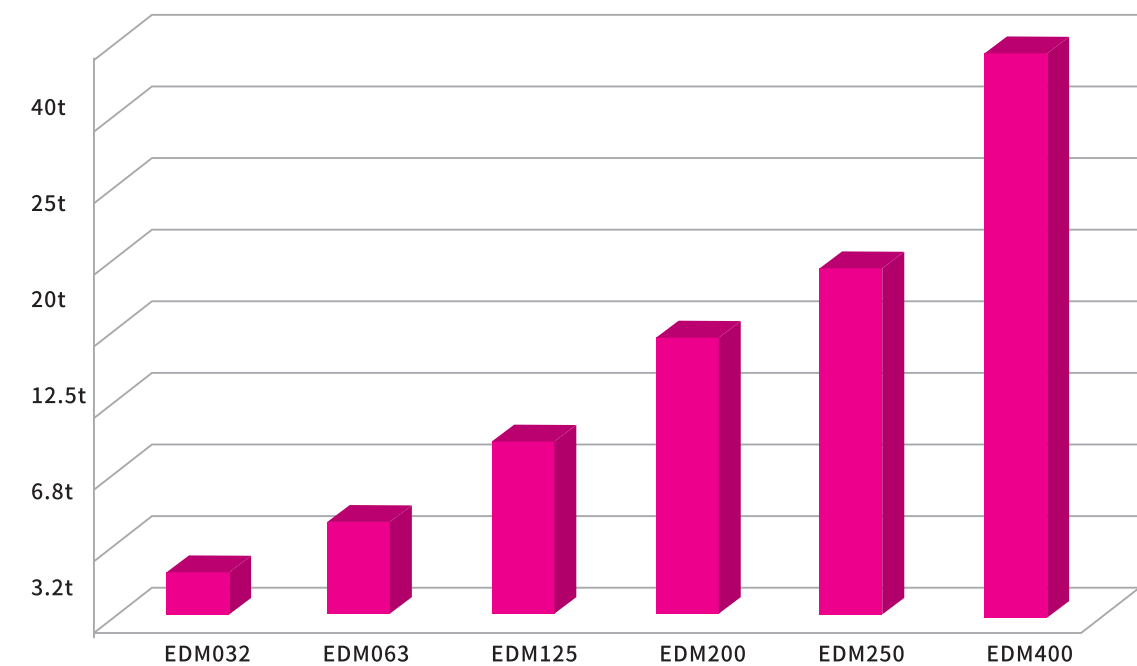
Safe, reliable, powerful

Depending on your load specifications, lifting speed and work class, EED's lifting technology specialists will provide you with a drive system with the optimum configuration. The operating class emphasizes the quality of the drive. Under the most competitive conditions, the drive you choose will have a longer service life.

In addition to the regular product portfolio, you can also work with EED. Experienced development engineers will develop the optimal drive solution for you, supported by extensive know-how and powerful design software (e.g. , CAD-Tools). FEM analyses for validation development are aligned with our fully equipped testing customized tests and can be self-validating.

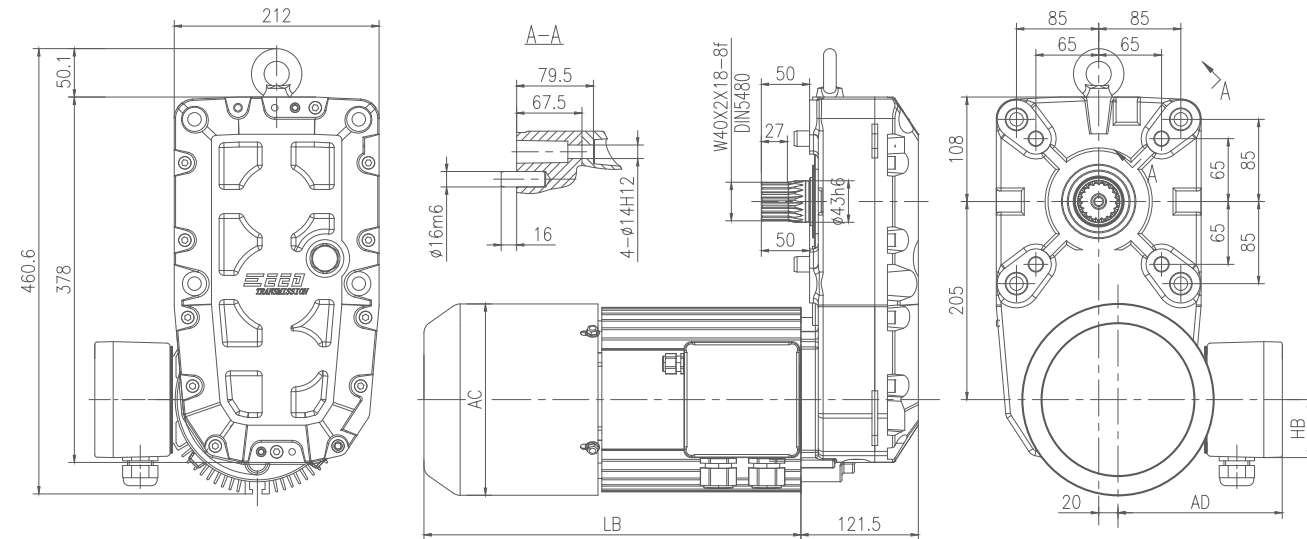
EED's powerful EDM products operate reliably and safely even when encountering different voltage conditions and harsh usage environments. With soft start, the dynamic start-up curve ensures high start-up, lift and maximum torque.

Load Overview



Dimensions and Parameters

EDM032 Configuration Two-Speed Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM032-XXX-D100LS12/2/BE40	198	390	170	60.5	50
2	EDM032-XXX-D100LM-12/2/BE40	198	390	170	60.5	52
3	EDM032-XXX-D100LL-12/2/BE40	198	410	170	60.5	54

EDM032 Configure two-speed motor configuration information:

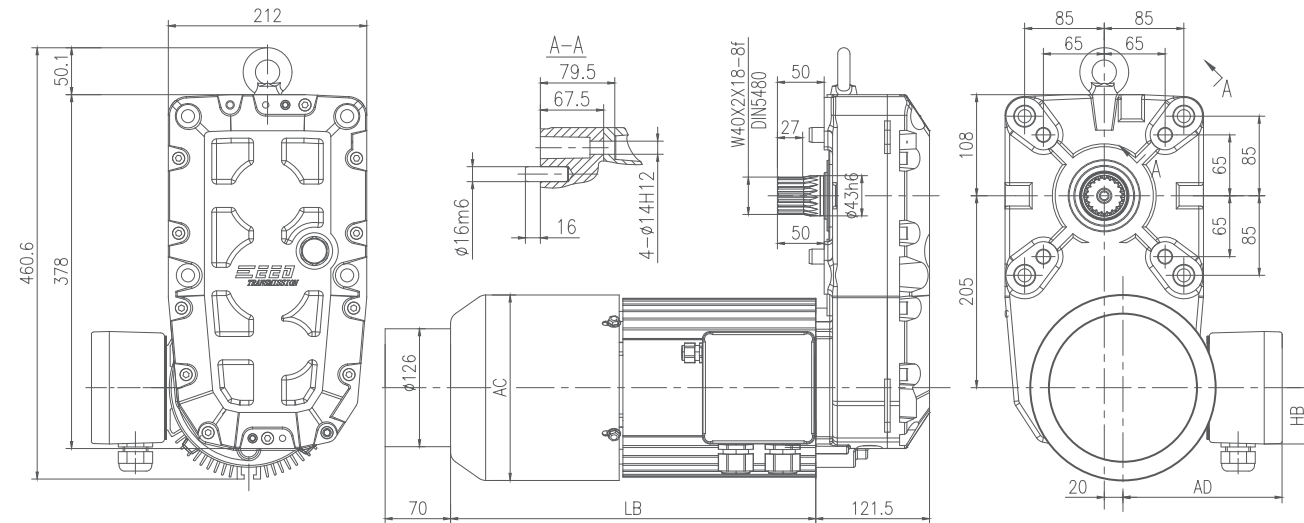
Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	12/2 poles for two-speed motors
4	Drum Diameter	140 mm
5	Standard Configurations	PTC Thermistors & Temperature Switch Sensors CE and UL/CSA Approbation
6	Two Speed Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM032 Configuration of two-speed motor Technical Parameters Table:

1. Drum diameter 140mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM032-78.6-D100LS-12/2/BE40	3.2	M5	2m	0.7/4.0 (0.8/4.8)	0.37/2.5 (0.44/3.0)	50 (60)	78.6	40
		2.5	M6	3m					
		2.0	M7	4m					
2	EDM032-62.6-D100LM-12/2/BE40	3.2	M5	2m	0.8/5.0 (1.0/6.0)	0.45/3.2 (0.54/3.8)	50 (60)	62.6	40
		2.5	M6	3m					
		2.0	M7	4m					
3	EDM032-49.5-D100LL-12/2/BE40	3.2	M5	2m	1.0/6.3 (1.2/7.6)	0.6/4.0 (0.72/4.8)	50 (60)	49.5	40
		2.5	M6	3m					
		2.0	M7	4m					
4	EDM032-39.7-D100LL-12/2/BE40	2.5	M5	2m	1.3/8.0 (1.6/9.6)	0.6/4.0 (0.72/4.8)	50 (60)	39.7	40
		2.0	M6	3m					
		1.6	M7	4m					

EDM032 Configuration Inverter Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM032-XXX-V100LS-4/BE40	198	390	170	60.5	47
2	EDM032-XXX-V100LM-4/BE40	198	390	170	60.5	50
3	EDM032-XXX-V100LL-4/BE40	198	390	170	60.5	50

EDM032 Configure inverter motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	Inverter motor with 4 poles, inverter range (15-100Hz)
4	Drum Diameter	140 mm
5	Standard Configurations	PTC Thermistors (optional) & Temperature Switch Sensors CE and UL/CSA Approbation
6	Inverter Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

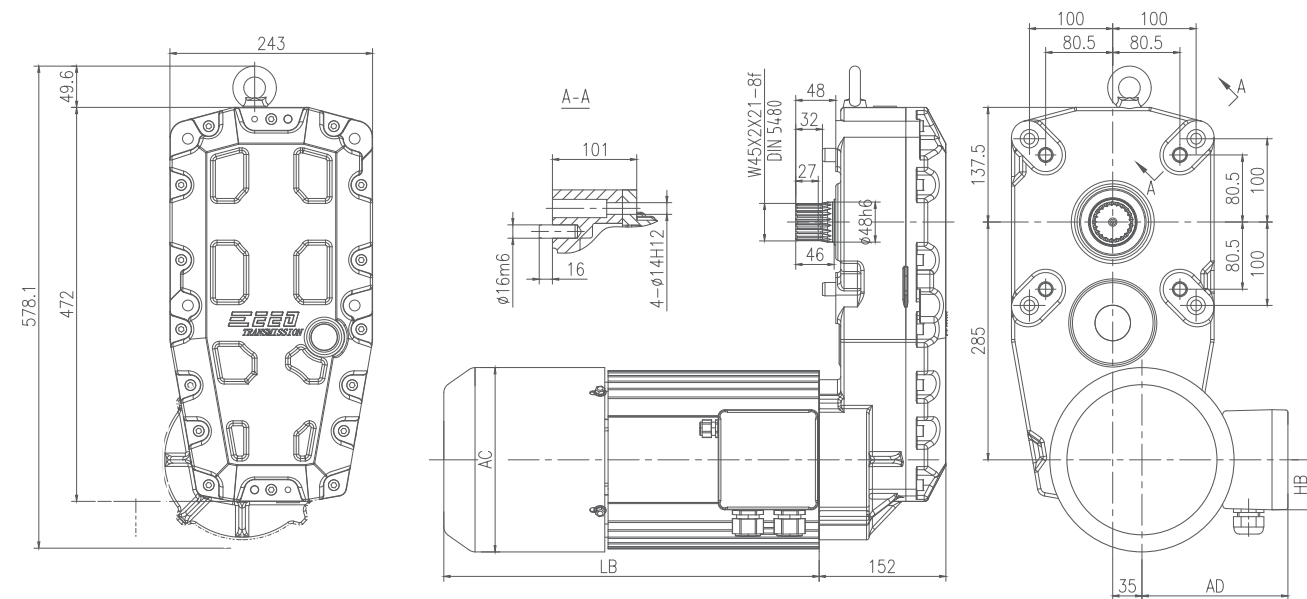
EDM032配置变频电机的技术参数表:

EDM032 Configuration of Inverter Motor Technical Parameters Table:

1. 滚筒直径140mm，滑轮倍率4/1。
2. 变频电机转速范围450-3000 r/min。
1. Drum diameter 140mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

序号 Serial No.	型号规格 Model specifications	起升重量 [t] Lifting Weight	工作级别 Working level		起升速度 Lifting Speed [m/min]	电机功率 Motor power [kW]	频率 Frequency [HZ]	速比 Raio	制动扭矩 Braking Torque [Nm]
			ISO	FEM					
1	EDM032-78.6-V100LS-4/BE40	3.2	M5	2m	0.7-4.0 (0.8-4.8)	2.5 (3.0)	15-100 (18-120)	78.6	40
		2.5	M6	3m					
		2.0	M7	4m					
2	EDM032-62.6-V100LM-4/BE40	3.2	M5	2m	0.8-5.0 (1.0/6.0)	3.2 (3.8)	15-100 (18-120)	62.6	40
		2.5	M6	3m					
		2.0	M7	4m					
3	EDM032-49.5-V100LL-4/BE40	3.2	M5	2m	1.0-6.3 (1.2-7.6)	4.0 (4.8)	15-100 (18-120)	49.5	40
		2.5	M6	3m					
		2.0	M7	4m					
4	EDM032-39.7-V100LL-4/BE40	2.5	M5	2m	1.3-8.0 (1.6-9.6)	4.0 (4.8)	15-100 (18-120)	39.4	40
		2.0	M6	3m					
		1.6	M7	4m					

EDM063 Configuration Two-Speed Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (kg)
1	EDM063-XXX-D112LS12/2/BE80	221	420	175	60.5	76
2	EDM063-XXX-D112LM-12/2/BE80	221	450	175	60.5	78
3	EDM063-XXX-D112LL-12/2/BE80	221	450	175	60.5	85

EDM063 Configure two-speed motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	12/2 poles for two-speed motors
4	Drum Diameter	170 mm /215 mm /270 mm
5	Standard Configurations	PTC Thermistors & Temperature Switch Sensors CE and UL/CSA Approbation
6	Two Speed Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM063 Configuration of two-speed motor Technical Parameters Table 1

1. Drum diameter 170mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM063-146.7-D112LS-12/2/BE80	6.8	M5	2m	0.4/2.5 (0.5/3.1)	0.8/4.9 (1.0/6.0)	50 (60)	146.7	80
2	EDM063-114.5-D112LS-12/2/BE80	6.8	M5	2m	0.5/3.3 (0.6/3.9)			114.5	
3	EDM063-93.8-D112LS-12/2/BE80	6.8	M5	2m	0.6/4.0 (0.7/4.8)			93.8	
4	EDM063-75.4-D112LS-12/2/BE80	5.0	M5	2m	0.8/4.9 (0.9/5.9)			75.4	
5	EDM063-61.0-D112LS-12/2/BE80	4.0	M5	2m	0.9/6.1 (1.1/7.3)			61.0	
6	EDM063-48.7-D112LS-12/2/BE80	3.2	M5	2m	1.2/7.7 (1.4/9.2)			48.7	
7	EDM063-93.8-D112LM-12/2/BE80	6.8	M5	2m	0.6/4.0 (0.7/4.9)	0.9/6.0 (1.1/7.2)	50 (60)	93.8	80
8	EDM063-75.4-D112LM-12/2/BE80	6.3	M5	2m	0.7/5.1 (0.9/6.1)			75.4	
9	EDM063-61.0-D112LM-12/2/BE80	5.0	M5	2m	0.9/6.3 (1.1/7.5)			61.0	
10	EDM063-48.7-D112LM-12/2/BE80	4.0	M5	2m	1.1/7.8 (1.3/9.4)			48.7	
11	EDM063-75.4-D112LL-12/2/BE80	6.8	M5	2m	0.7/4.9 (0.9/5.9)	1.1/7.6 (1.3/9.1)	50 (60)	75.4	80
12	EDM063-61.0-D112LL-12/2/BE80	6.3	M5	2m	0.9/6.1 (1.1/7.3)			61.0	
13	EDM063-48.7-D112LL-12/2/BE80	5.0	M5	2m	1.1/7.6 (1.3/9.2)			48.7	

EDM063 Configuration of two-speed motor Technical Parameters Table 2

1. Drum diameter 215mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM063-146.7-D112LS-12/2/BE80	6.3	M5	2m	0.5/3.2 (0.6/3.9)	0.8/4.9 (1.0/6.0)	50 (60)	146.7	80
2	EDM063-114.5-D112LS-12/2/BE80	6.3	M5	2m	0.6/4.1 (0.8/4.9)			114.5	
3	EDM063-93.8-D112LS-12/2/BE80	5.0	M5	2m	0.8/5.0 (0.9/6.0)			93.8	
4	EDM063-75.4-D112LS-12/2/BE80	4.0	M5	2m	1.0/6.3 (1.2/7.5)			75.4	
5	EDM063-61.0-D112LS-12/2/BE80	3.2	M5	2m	1.2/7.7 (1.4/9.3)			61.0	
6	EDM063-48.7-D112LS-12/2/BE80	2.5	M5	2m	1.5/9.7 (1.8/11.6)			48.7	
7	EDM063-93.8-D112LM-12/2/BE80	6.3	M5	2m	0.7/5.2 (0.9/6.2)	0.9/6.0 (1.1/7.2)	50 (60)	93.8	80
8	EDM063-75.4-D112LM-12/2/BE80	5.0	M5	2m	0.9/6.4 (1.1/7.7)			75.4	
9	EDM063-61.0-D112LM-12/2/BE80	4.0	M5	2m	1.1/7.9 (1.4/9.5)			61.0	
10	EDM063-48.7-D112LM-12/2/BE80	3.2	M5	2m	1.4/9.9 (1.7/11.9)			48.7	
11	EDM063-75.4-D112LL-12/2/BE80	6.3	M5	2m	0.9/6.2 (1.1/7.5)	1.1/7.6 (1.3/9.1)	50 (60)	75.4	80
12	EDM063-61.0-D112LL-12/2/BE80	5.0	M5	2m	1.1/7.7 (1.3/9.1)			61.0	
13	EDM063-48.7-D112LL-12/2/BE80	4.0	M5	2m	1.4/9.6 (1.7/11.6)			48.7	

EDM063 Configuration of two-speed motor Technical Parameters Table 3

1. Drum diameter 270mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

序号 Serial No.	型号规格 Model specifications	起升重量[t] Lifting Weight	工作级别 Working level		起升速度 Lifting Speed [m/min]	电机功率 Motor power [kW]	频率 Frequency [HZ]	速比 Raio	制动扭矩 Braking Torque [Nm]
			ISO	FEM					
1	EDM063-146.7-D112LS-12/2/BE80	5.0	M5	2m	0.6/4.0 (0.8/4.8)	0.8/4.9 (1.0/6.0)	50 (60)	146.7	80
2	EDM063-114.5-D112LS-12/2/BE80	5.0	M5	2m	0.8/5.2 (1.0/6.2)			114.5	
3	EDM063-93.8-D112LS-12/2/BE80	4.0	M5	2m	1.0/6.3 (1.2/7.6)			93.8	
4	EDM063-75.4-D112LS-12/2/BE80	3.2	M5	2m	1.2/7.9 (1.5/9.4)			75.4	
5	EDM063-61.0-D112LS-12/2/BE80	2.5	M5	2m	1.5/9.7 (1.8/11.7)			61	
6	EDM063-48.7-D112LS-12/2/BE80	2.0	M5	2m	1.9/12.2 (2.3/14.6)			48.7	
7	EDM063-93.8-D112LM-12/2/BE80	5.0	M5	2m	0.9/6.5 (1.1/7.8)	0.9/6.0 (1.1/7.2)	50 (60)	93.8	80
8	EDM063-75.4-D112LM-12/2/BE80	4.0	M5	2m	1.2/8.0 (1.4/9.7)			75.4	
9	EDM063-61.0-D112LM-12/2/BE80	3.2	M5	2m	1.4/10.0 (1.7/11.9)			61	
10	EDM063-48.7-D112LM-12/2/BE80	2.5	M5	2m	1.8/12.5 (2.1/14.9)			48.7	
11	EDM063-75.4-D112LL-12/2/BE80	5.0	M5	2m	1.1/7.8 (1.4/9.4)	1.1/7.6 (1.3/9.1)	50 (60)	75.4	80
12	EDM063-61.0-D112LL-12/2/BE80	4.0	M5	2m	1.4/9.7 (1.7/11.6)			61	
13	EDM063-48.7-D112LL-12/2/BE80	3.2	M5	2m	1.7/12.1 (2.1/14.5)			48.7	

EDM063 Configuration of Inverter Motor Technical Parameters Table 2

1. Drum diameter 215mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

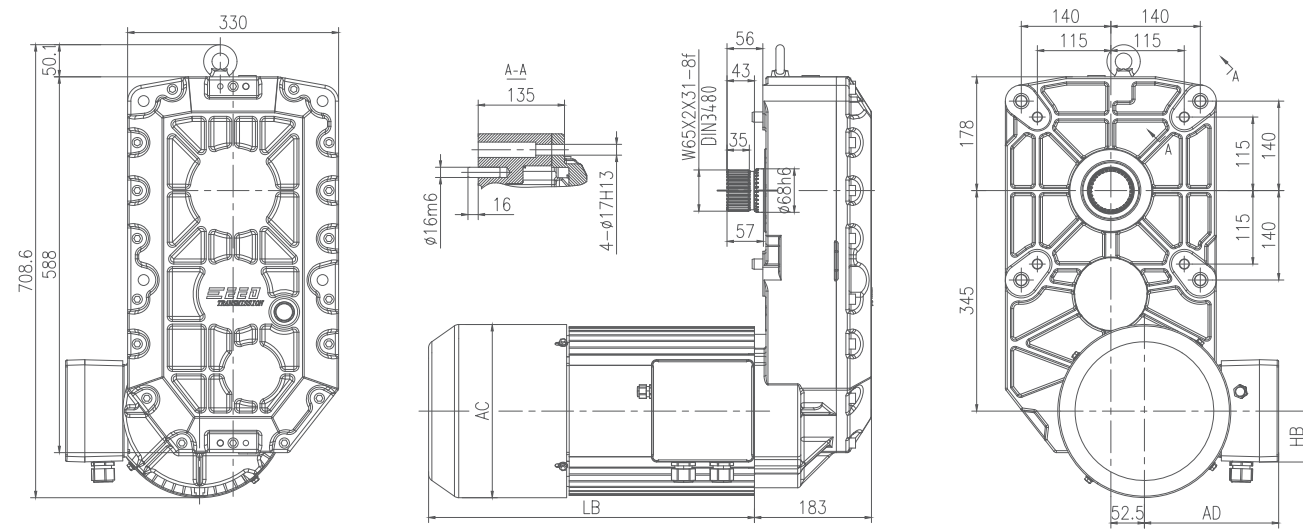
Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM063-146.7-V112LS-4/BE80	6.3	M5	2m	0.5-3.4 (0.6-4.0)	4.9(5.9)	15-100 (18-120)	146.7	80
2	EDM063-114.5-V112LS-4/BE80	6.3	M5	2m	0.7-4.0 (0.8-5.0)			114.5	
3	EDM063-93.8-V112LS-4/BE80	5.0	M5	2m	0.8-5.0 (1.0-6.0)			93.8	
4	EDM063-75.4-V112LS-4/BE80	4.0	M5	2m	1.0-6.3 (1.2/8.0)			75.4	
5	EDM063-61.0-V112LS-4/BE80	3.2	M5	2m	1.3-8.0 (1.6-10.0)			61.0	
6	EDM063-48.7-V112LS-4/BE80	2.5	M5	2m	1.5-10.0 (1.8-12.0)			48.7	
7	EDM063-93.8-V112LM-4/BE80	6.3	M5	2m	0.8-5.0 (1.0-6.0)	6.1(7.2)	15-100 (18-120)	93.8	80
8	EDM063-75.4-V112LM-4/BE80	5.0	M5	2m	1.0-6.3 (1.2-8.0)			75.4	
9	EDM063-61.0-V112LM-4/BE80	4.0	M5	2m	1.3-8.0 (1.6-10.0)			61.0	
10	EDM063-48.7-V112LM-4/BE80	3.2	M5	2m	1.5-10.0 (1.8-12.0)			48.7	
11	EDM063-75.4-V112LL-4/BE80	6.3	M5	2m	1.0-6.3 (1.2-8.0)	7.9(9.5)	15-100 (18-120)	75.4	80
12	EDM063-61.0-V112LL-4/BE80	5.0	M5	2m	1.3-8.0 (1.6-10.0)			61.0	
13	EDM063-48.7-V112LL-4/BE80	4.0	M5	2m	1.5-10.0 (1.8-12.0)			48.7	

EDM063 Configuration of Inverter Motor Technical Parameters Table 3

1. Drum diameter 270mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM063-146.7-V112LS-4/BE80	5.0	M5	2m	0.7-4.0 (0.8-5.0)	4.9(5.9)	15-100 (18-120)	146.7	80
2	EDM063-114.5-V112LS-4/BE80	5.0	M5	2m	0.8-5.0 (1.0-6.0)			114.5	
3	EDM063-93.8-V112LS-4/BE80	4.0	M5	2m	1.0-6.3 (1.2-8.0)			93.8	
4	EDM063-75.4-V112LS-4/BE80	3.2	M5	2m	1.3-8.0 (1.6-10.0)			75.4	
5	EDM063-61.0-V112LS-4/BE80	2.5	M5	2m	1.5-10.0 (1.8-12.5)			61.0	
6	EDM063-48.7-V112LS-4/BE80	2.0	M5	2m	2.0-12.5 (2.5-15.0)			48.7	
7	EDM063-146.7-V112LM-4/BE80	5.0	M5	2m	0.7-4.0 (0.8-5.0)	6.1(7.2)	15-100 (18-120)	146.7	80
8	EDM063-114.5-V112LM-4/BE80	5.0	M5	2m	0.8-5.0 (1.0-6.0)			114.5	
9	EDM063-93.8-V112LM-4/BE80	4.0	M5	2m	1.0-6.3 (1.2-8.0)			93.8	
10	EDM063-75.4-V112LM-4/BE80	3.2	M5	2m	1.3-8.0 (1.6-10.0)			75.4	
11	EDM063-61.0-V112LM-4/BE80	2.5	M5	2m	1.5-10.0 (1.8-12.5)			61.0	
12	EDM063-48.7-V112LM-4/BE80	2.0	M5	2m	2.0-12.5 (2.5-15.0)			48.7	
13	EDM063-75.4-V112LL-4/BE80	5.0	M5	2m	1.3-8.0 (1.6-10.0)	7.9(9.5)	15-100 (18-120)	75.4	80
14	EDM063-61.0-V112LL-4/BE80	4.0	M5	2m	1.5-10.0 (1.8-12.5)			61.0	
15	EDM063-48.7-V112LL-4/BE80	3.2	M5	2m	2.0-12.5 (2.5-15.0)			48.7	

EDM125 Configuration Two-Speed Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM125-XXX-D135LS-12/2/BE100	271	510	210	80	140
2	EDM125-XXX-D135LM-12/2/BE100	271	510	210	80	165
3	EDM125-XXX-D135LL-12/2/BE100	271	595	210	80	165

EDM125 Configure two-speed motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	12/2 poles for two-speed motors
4	Drum Diameter	270 mm /325 mm
5	Standard Configurations	PTC Thermistors & Temperature Switch Sensors CE and UL/CSA Approbation
6	Two Speed Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM125 Configuration of two-speed motor Technical Parameters Table 1

1. Drum diameter 270mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

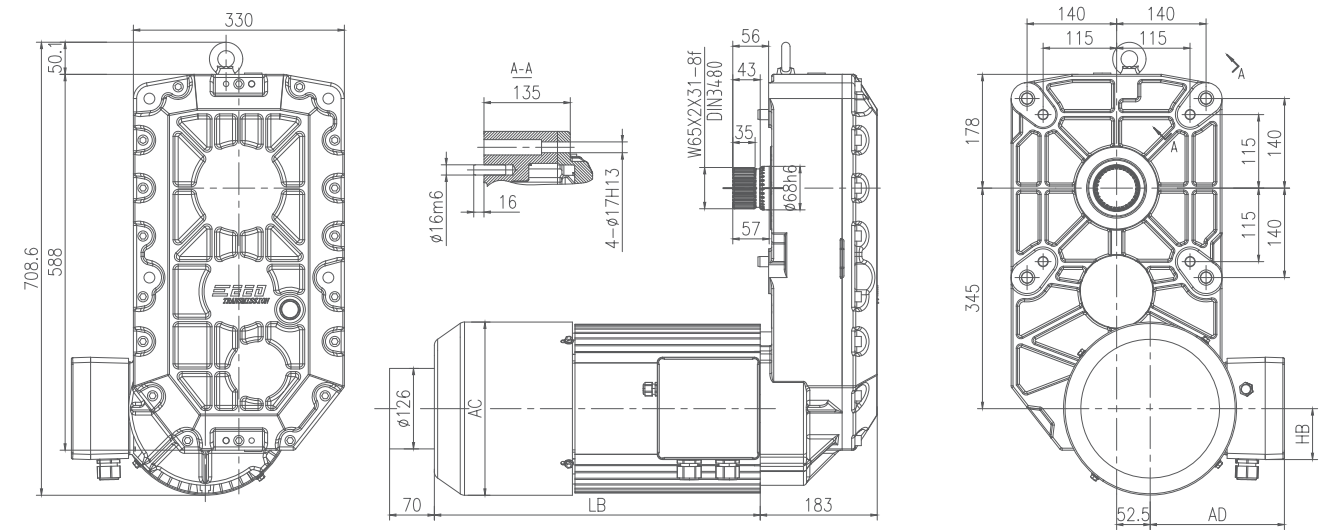
Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM125-147.9-D135LS-12/2 /BE100	10	M5	2m	0.6/4.0 (0.8/4.8)	1.2/7.6 (1.4/9.1)	50 (60)	147.9	100
		8.0	M6	3m					
		6.3	M7	4m					
2	EDM125-147.9-D135LM-12/2/BE100	12.5	M5	2m	0.7/4.0 (0.8/4.8)	1.5/9.5 (1.8/11.5)	50 (60)	147.9	100
		10	M6	3m					
		8.0	M7	4m					
3	EDM125-119.8-D135LM-12/2/BE100	10.0	M5	2m	0.8/5.0 (1.0/6.0)	1.9/12.5 (2.4/15.0)	50 (60)	119.8	100
		8.0	M6	3m					
		6.3	M7	4m					
4	EDM125-95.1-D135LM-12/2/BE100	8.0	M5	2m	1.0/6.3 (1.2/7.6)	1.9/12.5 (2.4/15.0)	50 (60)	95.1	100
		6.3	M6	3m					
		5.0	M7	4m					
5	EDM125-119.8-D112LL-12/2/BE100	12.5	M5	2m	0.8/5.0 (1.0/6.0)	1.9/12.5 (2.4/15.0)	50 (60)	119.8	100
		10	M6	3m					
		8	M7	4m					
6	EDM125-95.1-D135LL-12/2/BE100	10.0	M5	2m	1.0/6.3 (1.2/7.6)	1.9/12.5 (2.4/15.0)	50 (60)	95.1	100
		8.0	M6	3m					
		6.3	M7	4m					
7	EDM125-75.4-D135LL-12/2/BE100	8.0	M5	2m	1.3/8.0 (1.6/9.6)	1.9/12.5 (2.4/15.0)	50 (60)	75.4	100
		6.3	M6	3m					
		5.0	M7	4m					

EDM125 Configuration of two-speed motor Technical Parameters Table 2

1. Drum diameter 325mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM125-147.9-D135LS-12/2 /BE100	8.0	M5	2m	0.8/5.0 (1.0/6.0)	1.2/7.6 (1.4/9.1)	50 (60)	147.9	100
		6.3	M6	3m					
		5.0	M7	4m					
2	EDM125-147.9-D135LM-12/2/BE100	10.0	M5	2m	0.8/5.0 (1.0/6.0)	1.5/9.5 (1.8/11.5)	50 (60)	147.9	100
		8.0	M6	3m					
		6.3	M7	4m					
3	EDM125-119.8-D135LM-12/2/BE100	8.0	M5	2m	1.0/6.3 (1.2/7.6)	1.9/12.5 (2.4/15.0)	50 (60)	119.8	100
		6.3	M6	3m					
		5.0	M7	4m					
4	EDM125-95.1-D135LM-12/2/BE100	6.3	M5	2m	1.3/8.0 (1.6/9.6)	1.9/12.5 (2.4/15.0)	50 (60)	95.1	100
		5.0	M6	3m					
		4.0	M7	4m					
5	EDM125-119.8-D112LL-12/2/BE100	10.0	M5	2m	1.0/6.3 (1.2/7.6)	1.9/12.5 (2.4/15.0)	50 (60)	119.8	100
		8.0	M6	3m					
		6.3	M7	4m					
6	EDM125-95.1-D135LL-12/2/BE100	8.0	M5	2m	1.3/8.0 (1.6/9.6)	1.9/12.5 (2.4/15.0)	50 (60)	95.1	100
		6.3	M6	3m					
		5.0	M7	4m					
7	EDM125-75.4-D135LL-12/2/BE100	6.3	M5	2m	1.5/10.0 (1.8/12.0)	1.9/12.5 (2.4/15.0)	50 (60)	75.4	100
		5.0	M6	3m					
		4.0	M7	4m					

EDM125 Configuration Inverter Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM125-XXX-V132LS-4/BE100	260	456	210	80	144
2	EDM125-XXX-V132LM-4/BE100	260	456	210	80	146
3	EDM125-XXX-V132LL-4/BE100	260	456	210	80	146

EDM125 Configure inverter motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	Inverter motor with 4 poles, inverter range (15-100Hz)
4	Drum Diameter	270mm/325mm
5	Standard Configurations	PTC Thermistors (optional) & Temperature Switch Sensors CE and UL/CSA Approbation
6	Inverter Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM125 Configuration of Inverter Motor Technical Parameters Table 1

1. Drum diameter 270mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

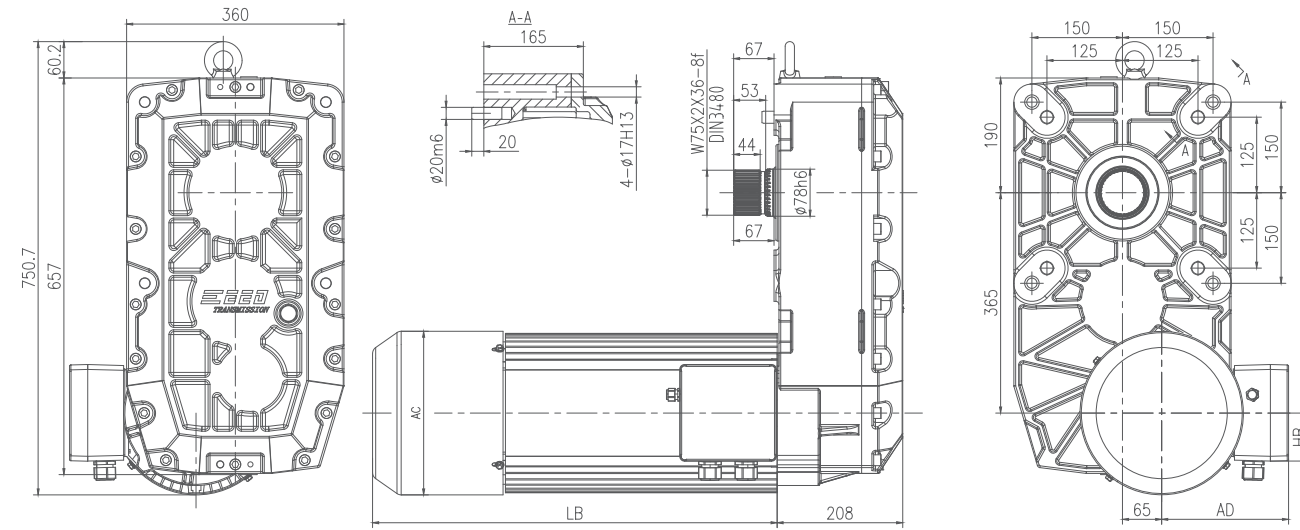
Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM125-147.9-V132LS-4/BE100	10	M5	2m	0.7-4.0 (0.8-4.8)	7.6(9.2)	15-100 (18-120)	147.9	100
		8.0	M6	3m					
		6.3	M7	4m					
2	EDM125-147.9-V132LM-4/BE100	12.5	M5	2m	0.7-4.0 (0.8-4.8)	9.5(11.4)	15-100 (18-120)	147.9	100
		10	M6	3m					
		8.0	M7	4m					
3	EDM125-119.8-V1325LM-4/BE100	10.0	M5	2m	0.8-5.0 (1.0-6.0)	9.5(11.4)	15-100 (18-120)	119.8	100
		8.0	M6	3m					
		6.3	M7	4m					
4	EDM125-95.1-V132LM-4/BE100	8.0	M5	2m	1.0-6.3 (1.2-7.6)	12.5(15.0)	15-100 (18-120)	95.1	100
		6.3	M6	3m					
		5.0	M7	4m					
5	EDM125-119.8-V132LL-4/BE100	12.5	M5	2m	0.8-5.0 (1.0-6.0)	12.5(15.0)	15-100 (18-120)	119.8	100
		10	M6	3m					
		8	M7	4m					
6	EDM125-95.1-V132LL-4/BE100	10.0	M5	2m	1.0-6.3 (1.2-7.6)	12.5(15.0)	15-100 (18-120)	95.1	100
		8.0	M6	3m					
		6.3	M7	4m					
7	EDM125-75.4-V132LL-4/BE100	8.0	M5	2m	1.3-8.0 (1.6-10.0)	12.5(15.0)	15-100 (18-120)	75.4	100
		6.3	M6	3m					
		5.0	M7	4m					

EDM125 Configuration of Inverter Motor Technical Parameters Table 2

1. Drum diameter 325mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM125-147.9-V132LS-4/BE100	8.0	M5	2m	0.8-5.0 (1.0-6.0)	7.6(9.2)	15-100 (18-120)	147.9	100
		6.3	M6	3m					
		5.0	M7	4m					
2	EDM125-147.9-V132LM-4/BE100	10.0	M5	2m	0.8-5.0 (1.0-6.0)	9.5(11.4)	15-100 (18-120)	147.9	100
		8.0	M6	3m					
		6.3	M7	4m					
3	EDM125-119.8-V132LM-4/BE100	8.0	M5	2m	1.0-6.3 (1.2-7.6)	9.5(11.4)	15-100 (18-120)	119.8	100
		6.3	M6	3m					
		5.0	M7	4m					
4	EDM125-95.1-V132LM-4/BE100	6.3	M5	2m	1.3-8.0 (1.6-9.6)	12.5(15.0)	15-100 (18-120)	95.1	100
		5.0	M6	3m					
		4.0	M7	4m					
5	EDM125-119.8-V132LL-4/BE100	10.0	M5	2m	1.0-6.3 (1.2-7.6)	12.5(15.0)	15-100 (18-120)	119.8	100
		8.0	M6	3m					
		6.3	M7	4m					
6	EDM125-95.1-V132LL-4/BE100	8.0	M5	2m	1.3-8.0 (1.6-9.6)	12.5(15.0)	15-100 (18-120)	95.1	100
		6.3	M6	3m					
		5.0	M7	4m					
7	EDM125-75.4-V132LL-4/BE100	6.3	M5	2m	1.5-10.0 (1.8-12.0)	12.5(15.0)	15-100 (18-120)	75.4	100
		5.0	M6	3m					
		4.0	M7	4m					

EDM200 Configuration Two-Speed Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM200-XXX-D135LL-12/2/BE100	271	595	210	80	205
2	EDM200-XXX-D135LX-12/2/BE150	271	670	210	80	215

EDM200 Configure two-speed motor configuration information:

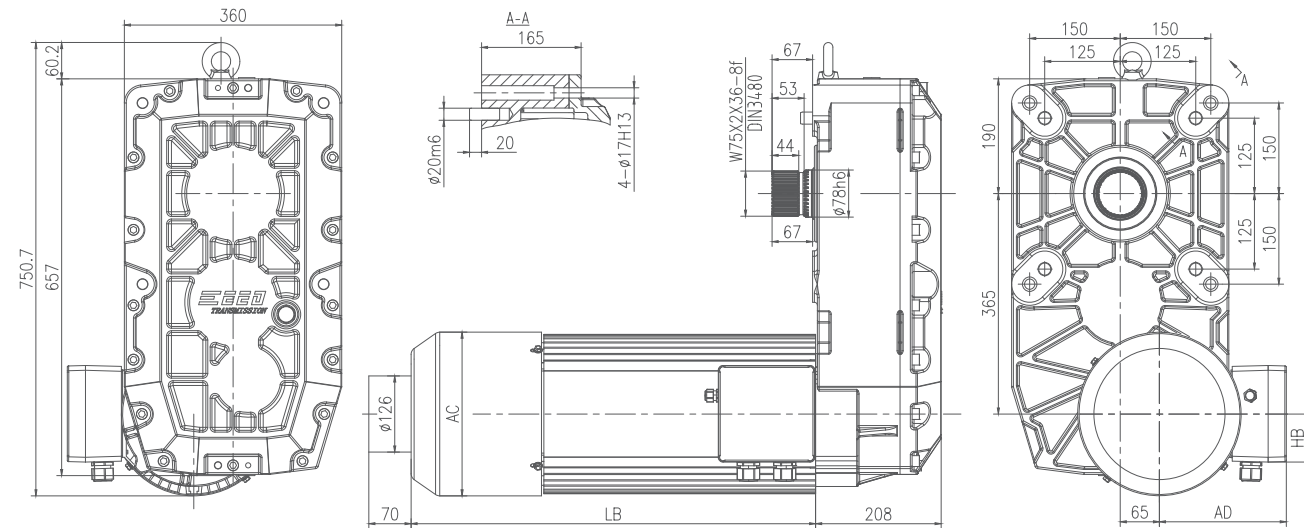
Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	12/2 poles for two-speed motors
4	Drum Diameter	295 mm
5	Standard Configurations	PTC Thermistors & Temperature Switch Sensors CE and UL/CSA Approbation
6	Two Speed Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM200 Configuration of two-speed motor Technical Parameters Table 1

1. Drum diameter 295mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM200-169-D135LL-12/2/BE100	16.0	M5	2m	0.7/4.0 (0.8/4.8)	1.9/12.5 (2.3/15.0)	50 (60)	169	100
		12.5	M6	3m					
		10.0	M7	4m					
		8.0	M7	4m					
2	EDM200-169-D135LX-12/2/BE150	20.0	M4	1Am	0.7/4.0 (0.8/4.8)	2.4/16 (2.9/19.2)	50 (60)	169	150
		16.0	M5	2m					
		12.5	M6	3m					
3	EDM125-132.9-D135LX-12/2/BE150	16.0	M4	1Am	0.8/5.0 (1.0/6.0)	2.4/16 (2.9/19.2)	50 (60)	132.3	150
		12.5	M5	23m					
		10.0	M6	3m					
		8.0	M7	4m					
4	EDM125-109.3-D135LX-12/2/BE150	12.5	M4	1Am	1.0/6.3 (1.2/7.6)	2.4/16 (2.9/19.2)	50 (60)	109.3	150
		10.0	M5	2m					
		8.0	M6	3m					
		6.3	M7	4m					
5	EDM125-85.1-D135LX-12/2/BE150	10.0	M4	1Am	1.3/8.0 (1.6/9.6)	2.4/16 (2.9/19.2)	50 (60)	85.1	150
		8.0	M5	2m					
		6.3	M6	3m					
		5.0	M7	4m					

EDM200 Configuration Inverter Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM200-XXX-V132LL-4/BE100	260	456	210	80	184
2	EDM200-XXX-V132LX-4/BE150	260	456	210	80	204

EDM200 Configure inverter motor configuration information:

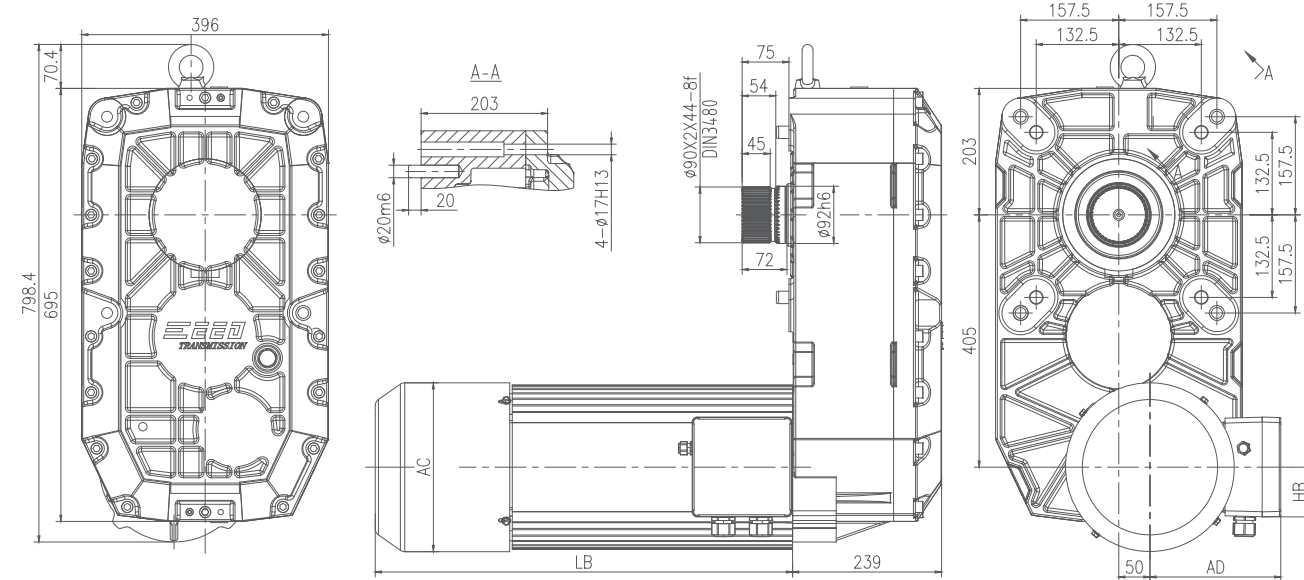
Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	Inverter motor with 4 poles, inverter range (15-100Hz)
4	Drum Diameter	295mm
5	Standard Configurations	PTC Thermistors (optional) & Temperature Switch Sensors CE and UL/CSA Approbation
6	Inverter Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM200 Configuration of Inverter Motor Technical Parameters Table 1

1. Drum diameter 295mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

序号 Serial No.	型号规格 Model specifications	起升重量 [t] Lifting Weight	工作级别 Working level		起升速度 Lifting Speed [m/min]	电机功率 Motor power [kW]	频率 Frequency [HZ]	速比 Ratio	制动扭矩 Braking Torque [Nm]
			ISO	FEM					
1	EDM200-169-V132LL-4/BE100	16.0	M5	2m	0.7-4.0 (0.8-4.8)	12.5 (15.0)	15-100 (18-120)	169	100
		12.5	M6	3m					
		10.0	M7	4m					
		8.0	M7	4m					
2	EDM200-169-V132LX-4/BE150	20.0	M4	1Am	0.7/4.0 (0.8-4.8)	16	15-100 (18-120)	169	150
		16.0	M5	2m					
		12.5	M6	3m					
		10.0	M7	4m					
3	EDM200-132.3-V132LX-4/BE150	16.0	M4	1Am	0.8-5.0 (1.0-6.0)	16	15-100 (18-120)	132.3	150
		12.5	M5	23m					
		10.0	M6	3m					
		8.0	M7	4m					
4	EDM200-109.3-V132LX-4/BE150	12.5	M4	1Am	1.0-6.3 (1.2-7.6)	16	15-100 (18-120)	109.3	150
		10.0	M5	2m					
		8.0	M6	3m					
		6.3	M7	4m					
5	EDM200-85.1-V132LX-4/BE150	10.0	M4	1Am	1.3-8.0 (1.6-9.6)	16	15-100 (18-120)	85.1	150
		8.0	M5	2m					
		6.3	M6	3m					
		5.0	M7	4m					

EDM250 Configuration Two-Speed Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM250-XXX-D135LL-12/2/BE100	271	595	210	80	244
2	EDM250-XXX-D135LX-12/2/BE150	271	595	210	80	256
3	EDM250-XXX-D135LZ-12/2/BE150	271	595	210	80	258

EDM250 Configure two-speed motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	12/2 poles for two-speed motors
4	Drum Diameter	325 mm /405 mm
5	Standard Configurations	PTC Thermistors & Temperature Switch Sensors CE and UL/CSA Approbation
6	Two Speed Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM250 Configuration of two-speed motor Technical Parameters Table 1

1. Drum diameter 325mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

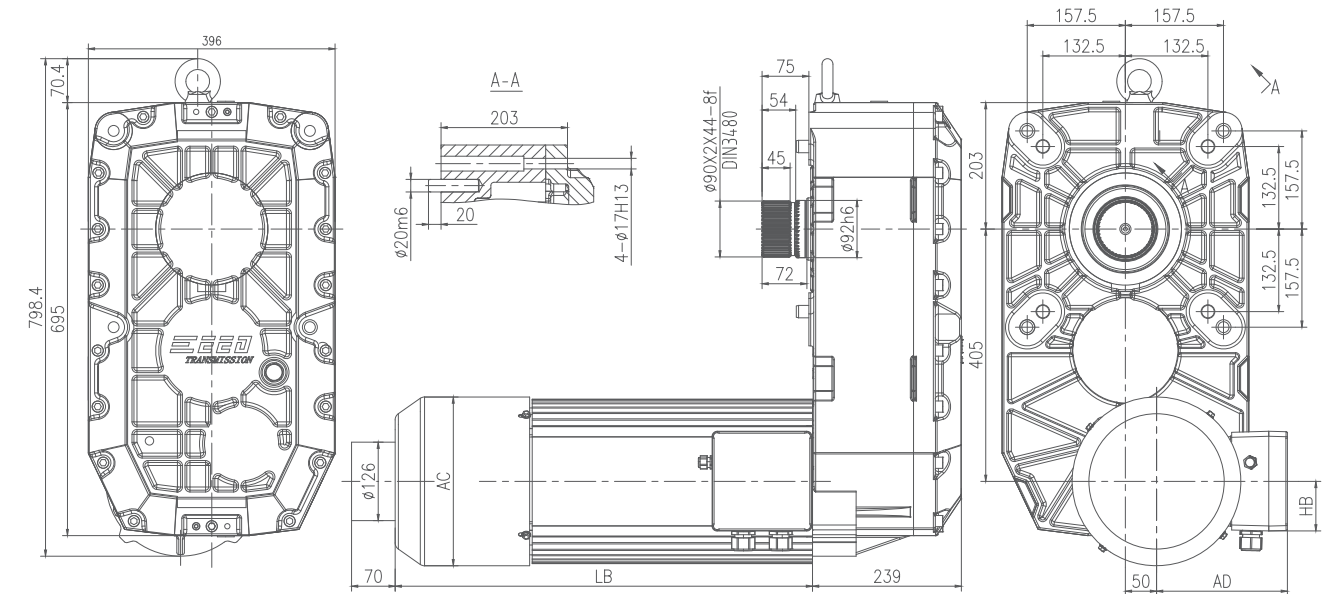
序号 Serial No.	型号规格 Model specifications	起升重量 [t] Lifting Weight	工作级别 Working level		起升速度 Lifting Speed [m/min]	电机功率 Motor power [kW]	频率 Frequency [HZ]	速比 Raio	制动扭矩 Braking Torque [Nm]
			ISO	FEM					
1	EDM250-185-D135LL-12/2/BE100	16.0	M5	2m	0.6/4.0 (0.8/4.8)	1.9/12.5 (2.4/15.0)	50 (60)	185	100
		12.5	M6	3m					
		10.0	M7	4m					
2	EDM250-185-D135LX-12/2/BE150	20.0	M5	2m	0.6/4.0 (0.8/4.8)			185	150
		16.0	M6	3m					
		12.5	M7	4m					
3	EDM250-148.7-D135LX-12/2/BE150	16.0	M5	2m	0.8/5.0 (1.0/6.0)	2.4/16 (3.2/19.2)	50 (60)	148.7	150
		12.5	M6	3m					
		10.0	M7	4m					
4	EDM250-118.7-D135LX-12/2/BE150	12.5	M5	2m	1.0/6.3 (1.2/7.6)			118.7	150
		10.0	M6	3m					
		8.0	M7	4m					
5	EDM250-185-D135LZ-12/2/BE150	25.0	M5	2m	0.6/4.0 (0.8/4.8)			185	150
		20.0	M6	3m					
		16.0	M7	4m					
6	EDM250-148.7-D135LZ-12/2/BE150	20.0	M5	2m	0.8/5.0 (1.0/6.0)	2.9/18.8 (3.5/22.6)	50 (60)	148.7	150
		16.0	M6	3m					
		12.5	M7	4m					
7	EDM250-118.7-D135LZ-12/2/BE150	16.0	M5	2m	1.0/6.3 (1.2/7.6)			118.7	150
		12.5	M6	3m					
		10.0	M7	4m					

EDM250 Configuration of two-speed motor Technical Parameters Table 2

1. Drum diameter 405mm, Reeving 4/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM250-185-D135LL-12/2/BE100	12.5	M5	2m	0.8/5.0 (1.0/6.0)	1.9/12.5 (2.4/15.0)	50 (60)	185	150
		10.0	M6	3m					
		8.0	M7	4m					
2	EDM250-185-D135LX-12/2/BE150	16.0	M5	2m	0.8/5.0 (1.0/6.0)	2.4/16 (3.2/19.2)	50 (60)	185	150
		12.5	M6	3m					
		10.0	M7	4m					
3	EDM250-148.7-D135LX-12/2/BE150	12.5	M5	2m	1.0/6.3 (1.2/7.6)	2.9/18.8 (3.5/22.6)	50 (60)	148.7	150
		10.0	M6	3m					
		8.0	M7	4m					
4	EDM250-118.7-D135LX-12/2/BE150	10.0	M5	2m	1.3/8.0 (1.6/9.6)	2.9/18.8 (3.5/22.6)	50 (60)	118.7	150
		8.0	M6	3m					
		6.3	M7	4m					
5	EDM250-185-D135LZ-12/2/BE150	20.0	M5	2m	0.8/5.0 (1.0/6.0)	2.9/18.8 (3.5/22.6)	50 (60)	185	150
		16.0	M6	3m					
		12.5	M7	4m					
6	EDM250-148.7-D135LZ-12/2/BE150	16.0	M5	2m	1.0/6.3 (1.2/7.6)	2.9/18.8 (3.5/22.6)	50 (60)	148.7	150
		12.5	M6	3m					
		10.0	M7	4m					
7	EDM250-118.7-D135LZ-12/2/BE150	12.5	M5	2m	1.3/8.0 (1.6/9.6)	2.9/18.8 (3.5/22.6)	50 (60)	118.7	150
		10.0	M6	3m					
		8.0	M7	4m					

EDM250 Configuration Inverter Motor Dimensions and Weights



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM250-XXX-V132LL-4/BE100	260	456	210	80	225
2	EDM250-XXX-V132LX-4/BE150	260	456	210	80	242
3	EDM250-XXX-V132LZ-4/BE150	260	436	210	80	260

EDM250 Configure inverter motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	Inverter motor with 4 poles, inverter range (15-100Hz)
4	Drum Diameter	325mm/405mm
5	Standard Configurations	PTC Thermistors (optional) & Temperature Switch Sensors CE and UL/CSA Approbation
6	Inverter Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM250 Configuration of Inverter Motor Technical Parameters Table 1

1. Drum diameter 325mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

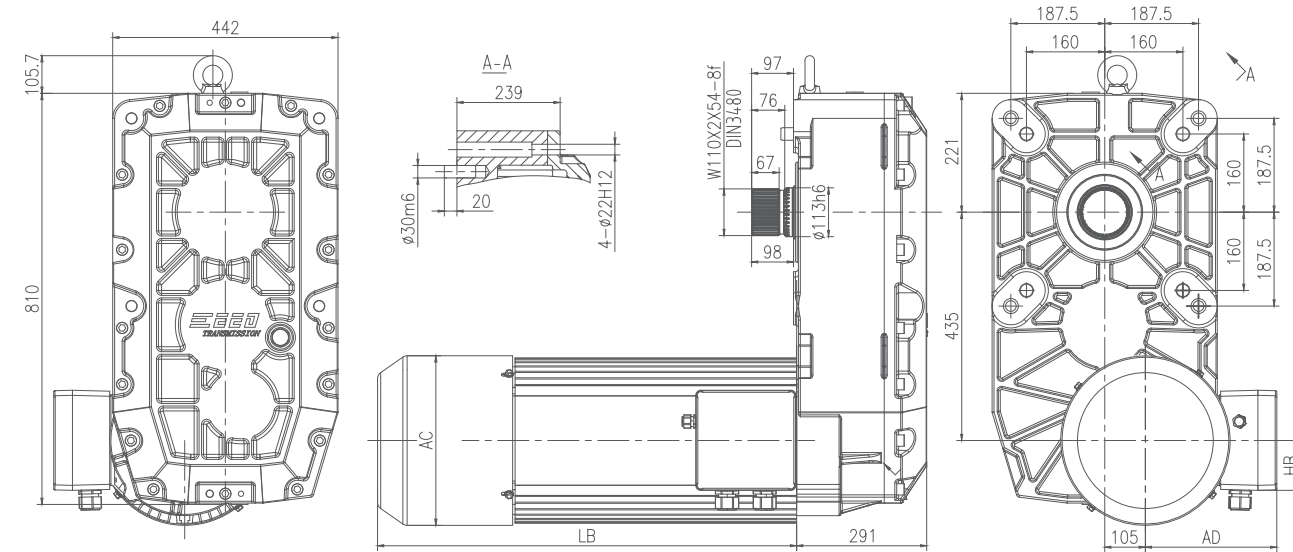
Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM250-185-V132LL-4/BE100	16.0	M5	2m	0.7-4.0 (0.8-4.8)	12.5 (15.0)	15-100 (18-120)	185	100
		12.5	M6	3m					
		10.0	M7	4m					
2	EDM250-185-V132LX-4/BE150	20.0	M5	2m	0.7/4.0 (0.8-4.8)	16.0 (19.2)	15-100 (18-120)	185	150
		16.0	M6	3m					
		12.5	M7	4m					
3	EDM250-148.7-V132LX-4/BE150	16.0	M5	2m	0.8-5.0 (1.0-6.0)	16.0 (19.2)	15-100 (18-120)	148.7	150
		12.5	M6	3m					
		10.0	M7	4m					
4	EDM250-118.7-V132LX-4/BE150	12.5	M5	2m	1.0-6.3 (1.2-7.6)	20.0 (24.0)	15-100 (18-120)	118.7	150
		10.0	M6	3m					
		8.0	M7	4m					
5	EDM250-185-V132LZ-4/BE150	25.0	M5	2m	0.6/4.0 (0.8/4.8)	20.0 (24.0)	15-100 (18-120)	185	150
		20.0	M6	3m					
		16.0	M7	4m					
6	EDM250-148.7-V132LZ-4/BE150	20.0	M5	2m	0.8/5.0 (1.0/6.0)	20.0 (24.0)	15-100 (18-120)	148.7	150
		16.0	M6	3m					
		12.5	M7	4m					
7	EDM250-118.7-V132LZ-4/BE150	16.0	M5	2m	1.0/6.3 (1.2/7.6)	20.0 (24.0)	15-100 (18-120)	118.7	150
		12.5	M6	3m					
		10.0	M7	4m					

EDM250 Configuration of Inverter Motor Technical Parameters Table 2

1. Drum diameter 405mm, Reeving 4/1.
2. Inverter motor speed range 450-3000 r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM250-185-V132LL-4/BE100	12.5	M5	2m	0.8-5.0 (1.0-6.0)	12.5 (15.0)	15-100 (18-120)	185	100
		10.0	M6	3m					
		8.0	M7	4m					
2	EDM250-185-V132LX-4/BE150	16.0	M5	2m	0.8-5.0 (1.0-6.0)	16.0 (19.2)	15-100 (18-120)	185	150
		12.5	M6	3m					
		10.0	M7	4m					
3	EDM250-148.7-V132LX-4/BE150	12.5	M5	2m	1.0-6.3 (1.2-7.6)	16.0 (19.2)	15-100 (18-120)	148.7	150
		10.0	M6	3m					
		8.0	M7	4m					
4	EDM250-118.7-V132LX-4/BE150	10.0	M5	2m	1.3-8.0 (1.6-10)	20.0 (24.0)	15-100 (18-120)	118.7	150
		8.0	M6	3m					
		6.3	M7	4m					
5	EDM250-185-V132LZ-4/BE150	20.0	M5	2m	0.8-5.0 (1.0-6.0)	20.0 (24.0)	15-100 (18-120)	185	150
		16.0	M6	3m					
		12.5	M7	4m					
6	EDM250-148.7-V132LZ-4/BE150	16.0	M5	2m	1.0-6.3 (1.2-7.6)	20.0 (24.0)	15-100 (18-120)	148.7	150
		12.5	M6	3m					
		10.0	M7	4m					
7	EDM250-118.7-V132LZ-4/BE150	12.5	M5	2m	1.3-8.0 (1.6-10)	20.0 (24.0)	15-100 (18-120)	118.7	150
		10.0	M6	3m					
		8.0	M7	4m					

Dimensions and weights of the EDM400 configured with a two-speed motor



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM400-XXX-D160LL-12/2/BE150	315	825	235	80	422

EDM400 Configure two-speed motor configuration information:

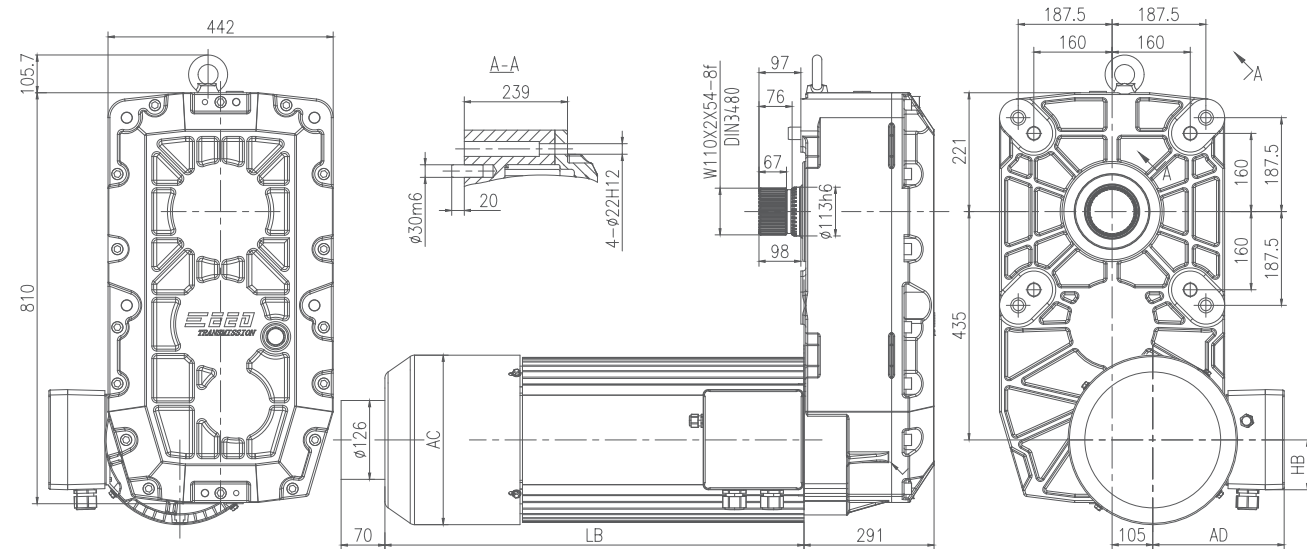
Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	12/2 poles for two-speed motors
4	Drum Diameter	405 mm
5	Standard Configurations	PTC Thermistors & Temperature Switch Sensors CE and UL/CSA Approbation
6	Two Speed Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM400 Configuration of two-speed motor Technical Parameters Table 1

1. Drum diameter 405mm, Reeving 6/1.
2. 2-pole motor input speed 3000 r/min, 12-pole motor input speed 500r/min.

序号 Serial No.	型号规格 Model specifications	起升重量 [t] Lifting Weight	工作级别 Working level		起升速度 Lifting Speed [m/min]	电机功率 Motor power [kW]	频率 Frequency [HZ]	速比 Raio	制动扭矩 Braking Torque [Nm]
			ISO	FEM					
1	EDM400-232-D160LL-12/2/BE150	40.0	M5	2m	0.6/2.6 (0.8-3.2)	5.0/20 (6.0/24.2)	50 (60)	232	150
		32.0	M6	3m					
		25.0	M7	4m					
		20.0	M7	4m					
2	EDM400-182.6-D160L-12/2/BE150	32.0	M5	2m	0.8/3.3 (1.0-4.0)	5.0/20 (6.0/24.2)	50 (60)	182.6	150
		25.0	M6	3m					
		20.0	M7	4m					
		16.0	M7	4m					
3	EDM400-144-D160LL-12/2/BE150	25.0	M5	2m	1.0/4.2 (1.3-5.1)	5.0/20 (6.0/24.2)	50 (60)	144	150
		20.0	M6	3m					
		16.0	M7	4m					
		12.5	M7	4m					

Dimensions and weights of EDM400 configured inverter motors



Serial No.	Model specifications	AC	LB	AD	HB	Weights (Kg)
1	EDM400-XXX-V160LL-4/BE350	315	825	235	80	422

EDM400 Configure inverter motor configuration information:

Serial No.	Product Descriptions	Technical Requirements
1	Motor Protection Class	Motor IP55 (optional IP65), brake IP55 (optional IP65)
2	Motor Insulation Grade	Class F, Class H (optional)
3	Motor Type	Inverter motor with 4 poles, inverter range (15-75Hz)
4	Drum Diameter	405mm
5	Standard Configurations	PTC Thermistors (optional) & Temperature Switch Sensors CE and UL/CSA Approbation
6	Inverter Motor Option	Encoder, Auxiliary fan, CSA approbation, Other FEM/ISO classes and reevings upon request.

EDM400 Configuration of Inverter Motor Technical Parameters Table 1

1. Drum diameter 405mm, Reeving 4/1.
2. Inverter motor speed range 450-2250 r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM400-144-V160LL-4/BE350	40.0	M4	1Am	0.8-4.9	38.0	15-75	144	350
		32.0	M5	2m					
		25.0	M6	3m					
		20.0	M7	4m					
2	EDM400-113.3-V160LL-4/BE350	32.0	M5	1Am	1.0-6.2	38.0	15-75	113.3	350
		25.0	M6	2m					
		20.0	M7	3m					
		16.0	M7	4m					
3	EDM400-92.1-V160LL-4/BE350	25.0	M5	1Am	1.3-7.6	38.0	15-75	92.1	350
		20.0	M6	2m					
		16.0	M7	3m					
		12.5	M7	4m					

EDM400 Configuration of Inverter Motor Technical Parameters Table 2

1. Drum diameter 405mm, Reeving 6/1.
2. Inverter motor speed range 450-2250 r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM400-144-V160LL-4/BE350	63.0	M4	1Am	0.5-3.2	38.0	15-75	144	350
		50.0	M5	2m					
		40.0	M6	3m					
		32.0	M7	4m					
2	EDM400-113.3-V160LL-4/BE350	50.0	M4	1Am	0.7-4.1	38.0	15-75	113.3	350
		40.0	M5	2m					
		32.0	M6	3m					
		25.0	M7	4m					

EDM400 Configuration of Inverter Motor Technical Parameters Table 3

1. Drum diameter 405mm, Reeving 8/1.
2. Inverter motor speed range 450-2250 r/min.

Serial No.	Model specifications	Lifting Weight	Working level		Lifting Speed [m/min]	Motor power [kW]	Frequency [HZ]	Raio	Braking Torque [Nm]
			ISO	FEM					
1	EDM400-144-V160LL-4/BE350	80.0	M4	1Am	0.4-2.4	38.0	15-75	144	350
		63.0	M5	2m					
		50.0	M6	3m					
		40.0	M7	4m					