

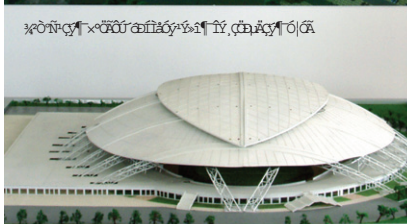
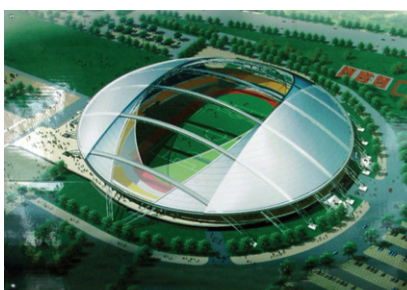
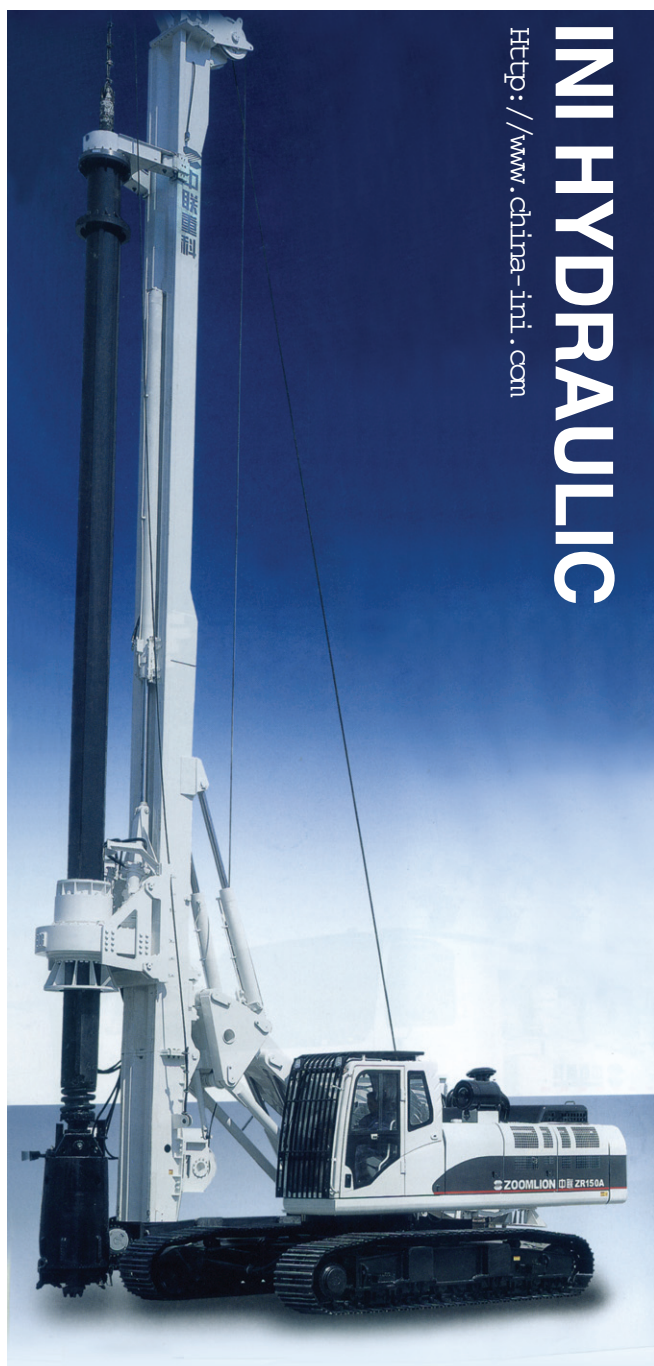
ini[®] NINGBO DAGANG INI
HYDRAULIC CO.,LTD.



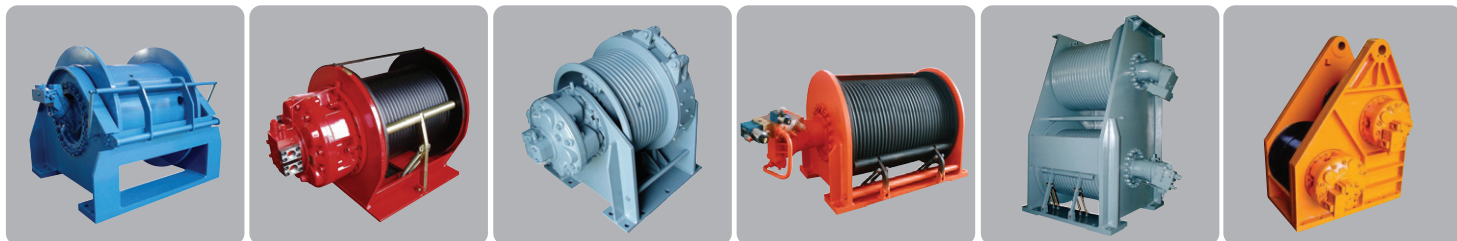
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2010 Catalogue

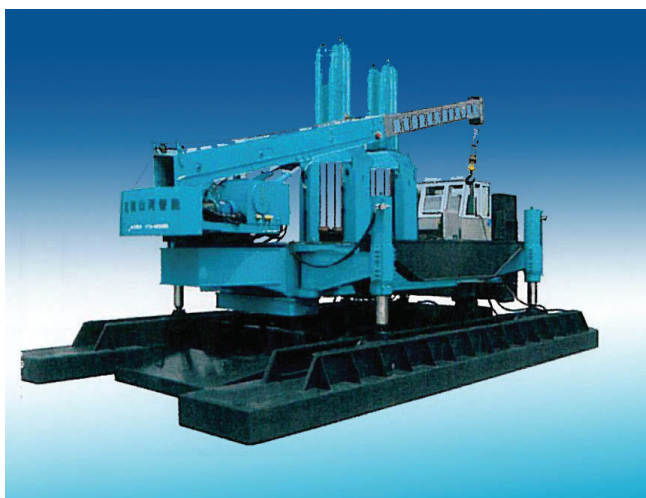
Product Shows & Applications



Product Shows & Applications



INI HYDRAULIC
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Brief Introduction



NINGBO DAGANG INI HYDRAULIC CO., LTD is situated in a state-level economic and technological development zone of BEILUN district, NINGBO. The factory covers almost 40,000 m², with 38,000 m² building area. The registered capital is 6,500,000 USD, and the total investment is 15,000,000 USD. Currently, the company is staffed with 400 employees, 20% among whom are professional technicians. The company has a strong R&D team, led by the general manager—a professorate senior engineer, who takes special allowance from State Council. The team also includes one doctor, two masters, senior engineers, engineers and engineer trainees, and two retired German experts from ZF GROUP as honor employees. They will come to the factory to help and give advices once a year. Up to now, the company owns eight invention patents and thirty practical innovation and figure patents. Several other patents are under reviewing. The company is specialized in manufacturing of electro-hydraulic proportional valves, hydraulic motors, hydrostatic drives, hydraulic winches, planetary gearboxes, high accuracy rotary flow dividers and the whole set of hydraulic system. These patent products are widely used in engineering machinery, petroleum, mining industry, geological exploration, ships, metallurgy, light industry, agriculture, landscape, environment and military industry. Now we are stepping into the international market, and our products are being exported to Southeast Asia, Middle East, Germany, USA, Netherlands, Turkey, India, Russia, Korea and other countries and regions around the world.

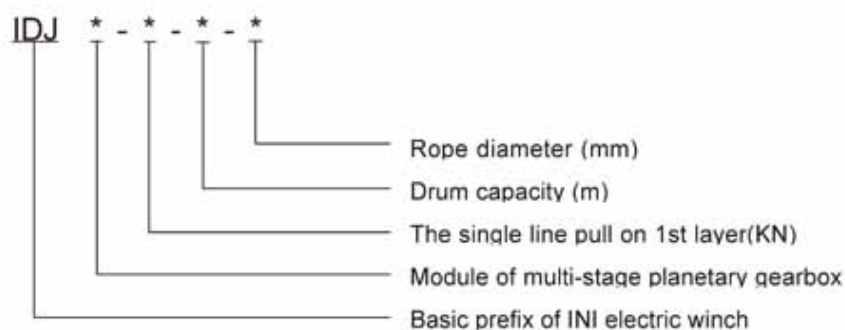
The company has more than 150 advanced manufacturing equipment, half of which were imported. 60% of all the machines are CNC, including three-dimension coordinate measuring machine, universal gear measuring machine, digital ultrasonic inspection machine, and universal tool microscope. A static hydrostatic drives lab and 12 factory test stands were established for product testing. The company passed ISO 9001 quality system certification, CCS certification and CE certification. The annual sales volume reaches 250 million RMB, with a production capacity of over 300 million RMB. The company was appraised as a state-level high-tech enterprise and is a patent pioneer enterprise.

IDJ Electric Winch Series

1. Brief Introduction

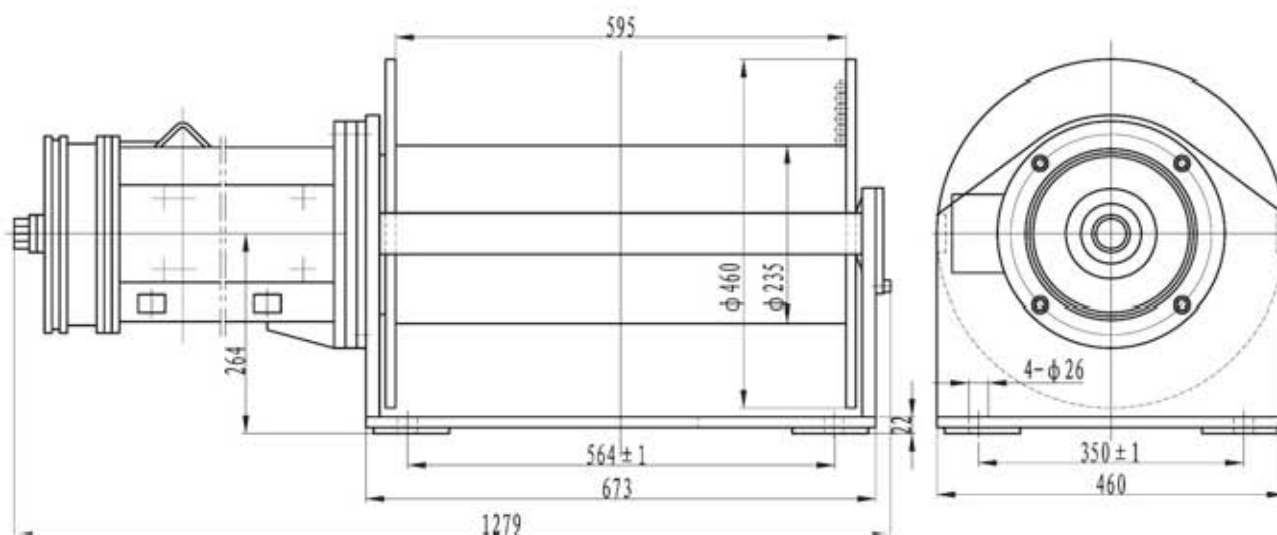
IDJ electric winch series consist of electromotor with brake, planetary gearbox, drum, and frame. The customer only equip electric box for winch performance. The series feature compact design, simply and rugged construction, high reliability, and good economy. Therefore they have been widely applied in ship and deck machinery, construction machinery.

2. Model Options



3. Options Example

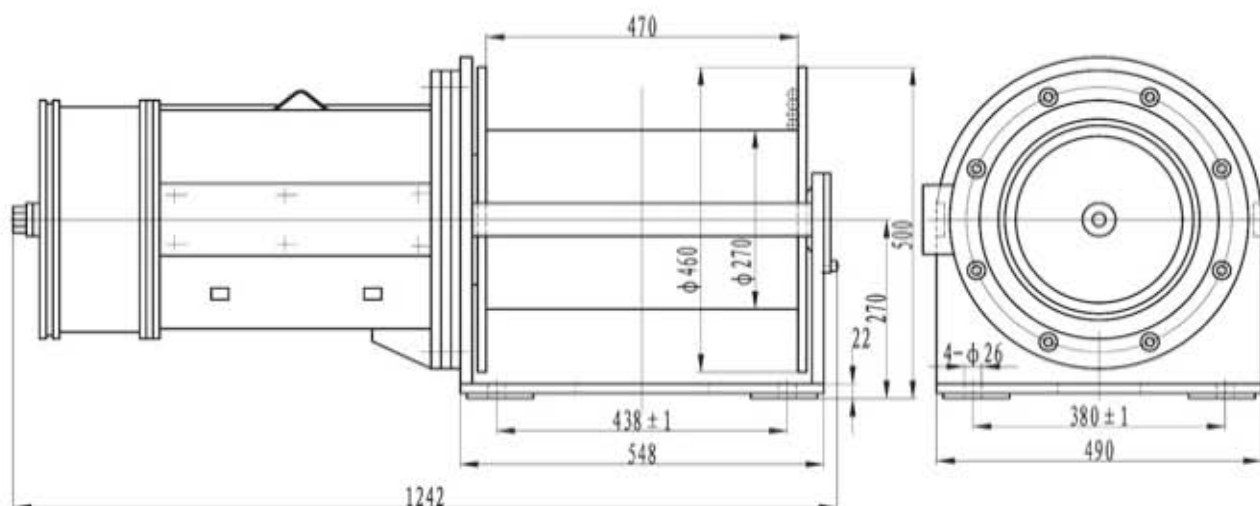
IDJ23-10-30-14 represents that the electric winch adopts two stages planetary gearbox, the modules of gearbox are 2.5 and 3 respectively, the single line pull on 1st layer is 10kN, the drum capacity is 30m, and the rope diameter is 14mm.



Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ22.52.5-22-250-14	22	2.2/6.6	14	6	250	JZ2-H-23-4/12	380	9.5/10.1	50	175	4.3/1.7

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

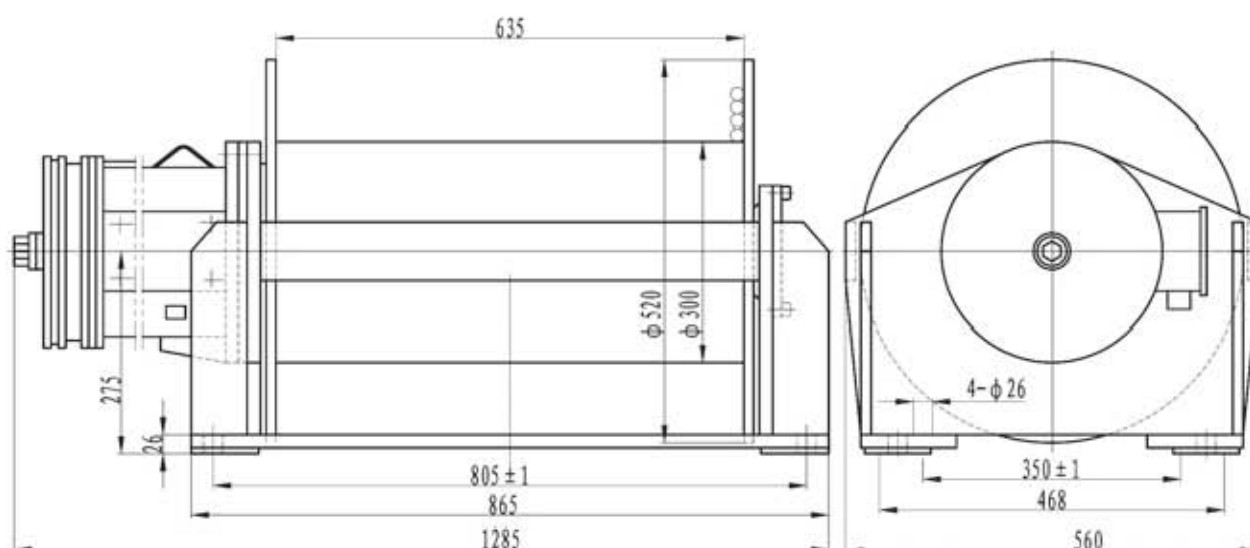
2. The dimension of general electric motor is included in above installation drawing. If fitted electric motor is specific, the connection dimension is also changed.



Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ23-10-130-14	10	15	14	4	130	YZ-132S-6-H	380	10.5	50	49	3.7
IDJ23-15-130-14	15	15	14	4	130	YZ-132M2-6-H	380	15.3	50	49	5.5
IDJ23-20-130-14	20	18	14	4	130	YZ-160S-6-H	380	19.73	50	49	7.5
IDJ23-25-130-14	25	16	14	4	130	YZ-160S-6-H	380	19.73	50	49	7.5
IDJ23-30-130-14	30	16	14	4	130	YZ-160L-6-H	380	26.8	50	49	11
IDJ23-40-120-15.5	40	7/14.5/30	15.5	4	120	JZ2-H-42-4/8/16	380	23/25.5/36	50	45	11/11/7.5

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

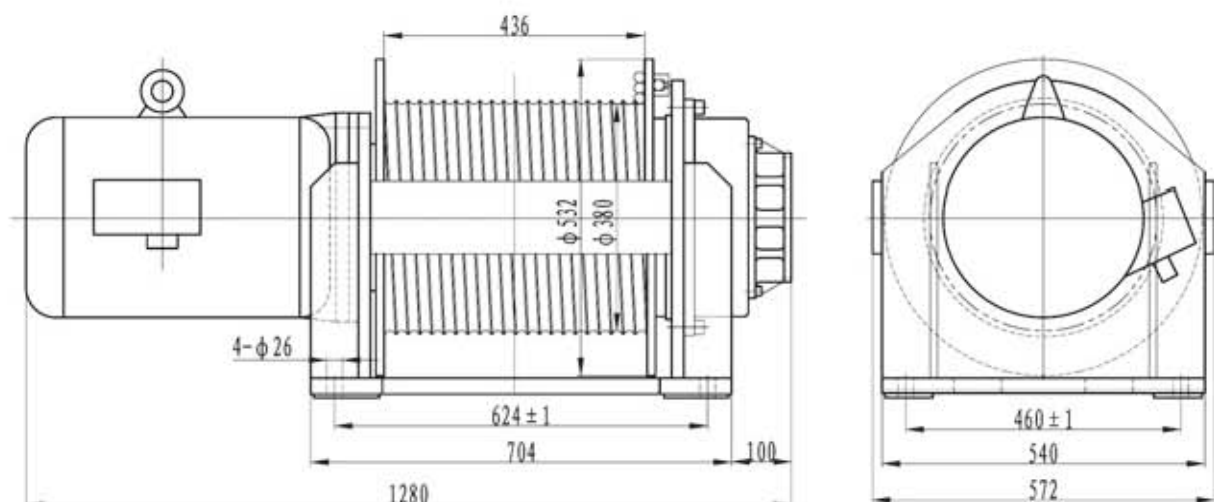
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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ233-36-171-16	36	11.5	16	4	171	YZ-132M2-4-H	380	18.5	50	125	7.5
IDJ233-40-171-16	40	11.5/3.8	16	4	171	JZ2-H-33-4/12	380	17.9/14.8	50	125	8.5/3.5
IDJ233-42-160-18	42	14.5	18	4	160	YEJ160M-4-B5	380	22.6	50	100	11

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

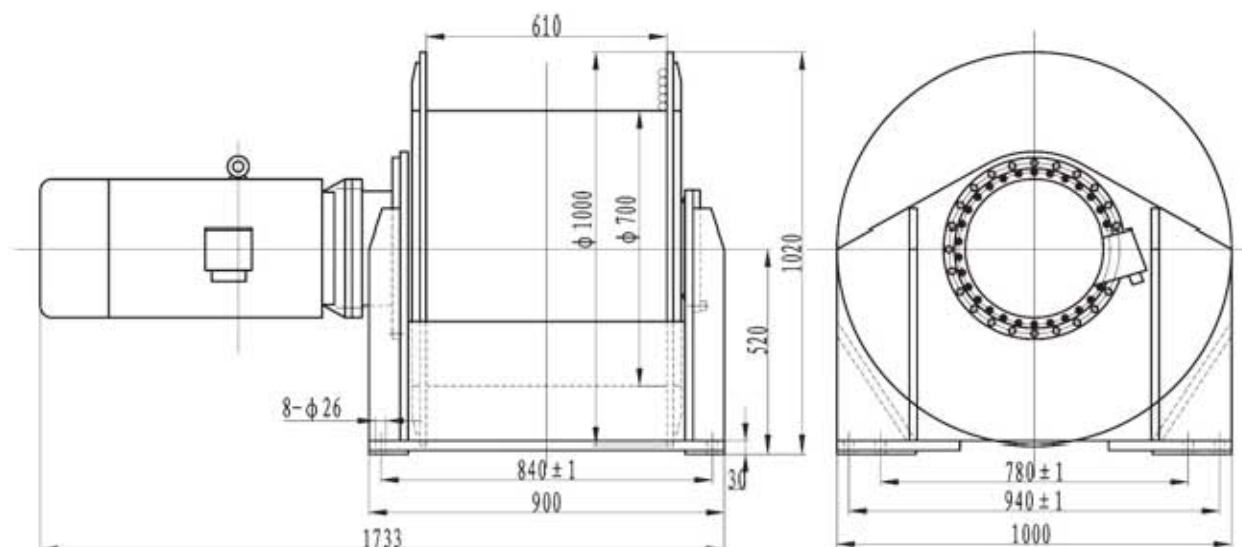
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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ234-60-96-18	60	9	18	3	96	YEJ160W-4-B5	380	22.6	50	192.5	11

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

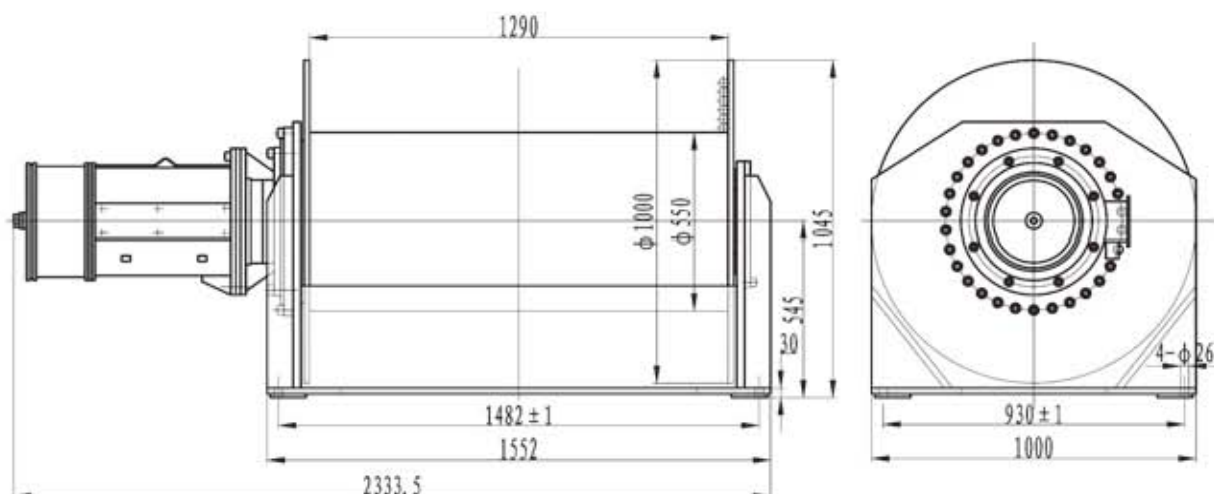
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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ345-85-340-21.5	85	19	21.5	5	340	YEJ200L-4-B5	380	56.8	50	177.1	30

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

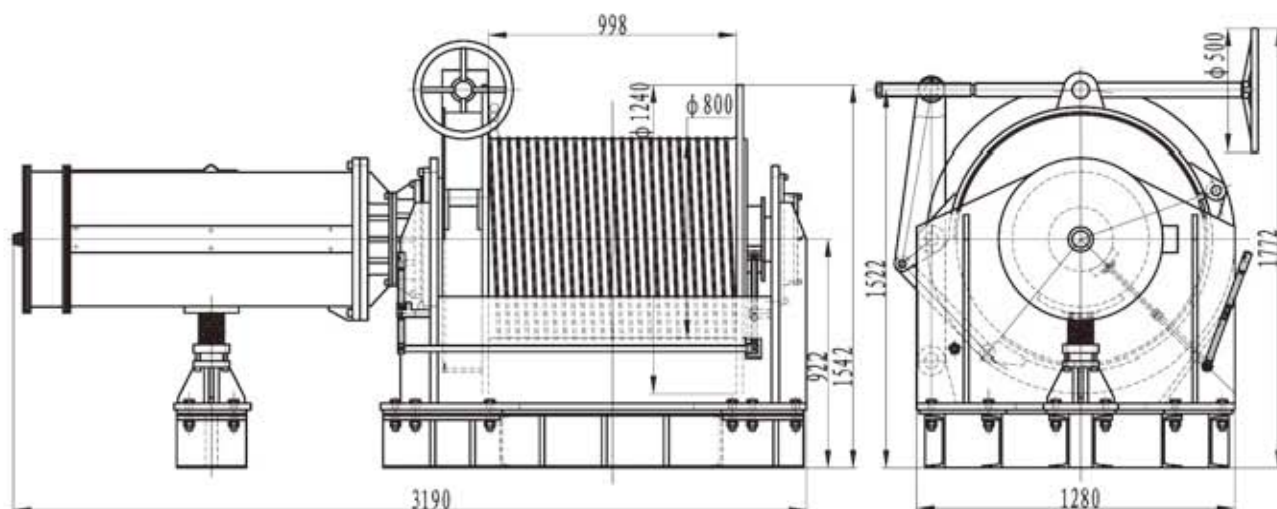
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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ356-150-600-28	150	7	28	6	600	YZ-220M-6-H	380	43.9	50	245	18.5

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

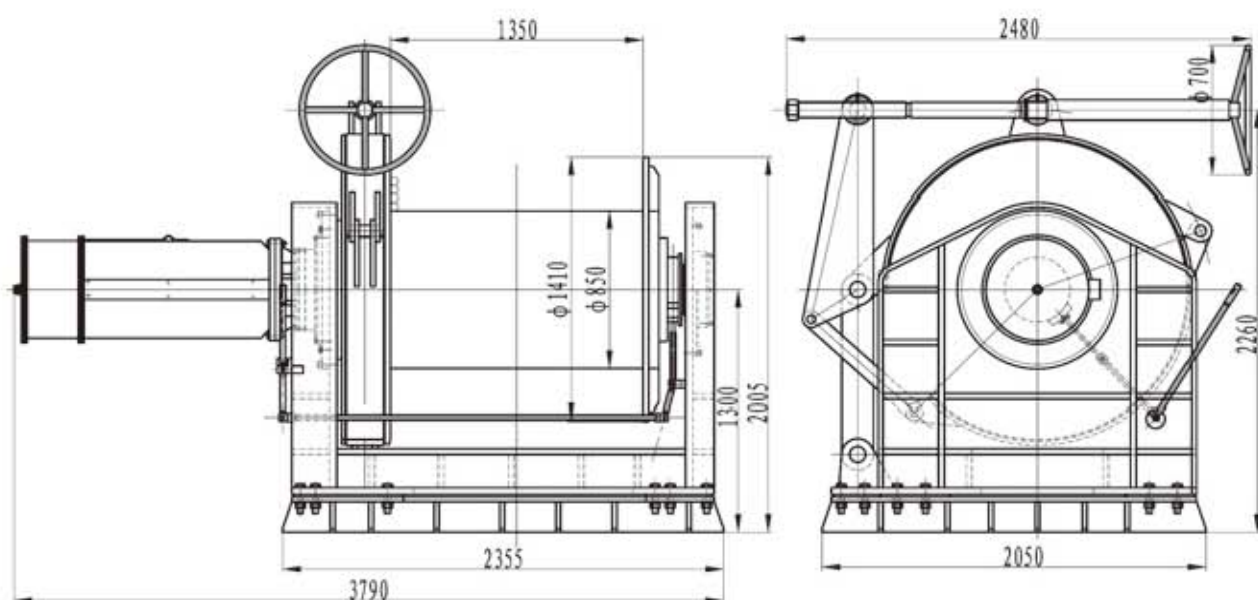
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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ456-150-300-36	100/150	36/18	36	4	300	JZ2-H-72-4/8	380	114/135	50	112	60

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

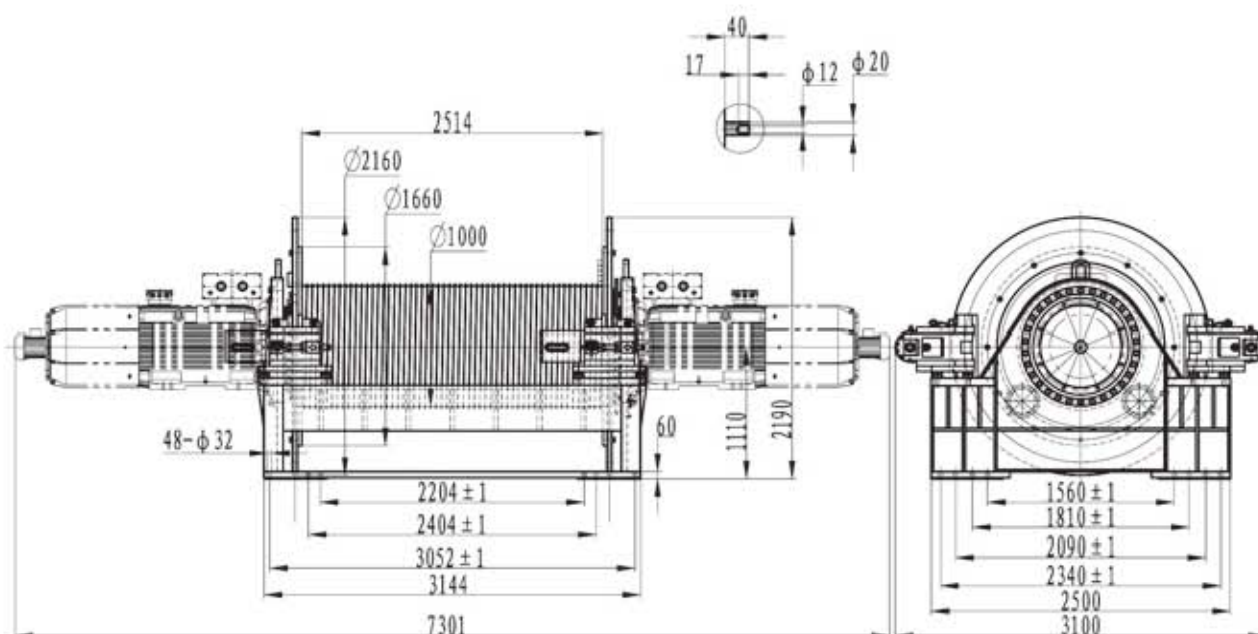
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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor			Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Current (A)	Frequency (Hz)		
IDJ479-120-350-43	120/240/360	6.4/3.2/1.6	43	4	350	J22-II-72-4/8/16	380	114/135/195	50	198	60/60/45

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

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Model	the 1st layer		Diameter of rope (mm)	layer	Capacity of rope (m)	Model of electromotor	Parameter of electromotor		Ratio	Power (KW)
	Pull (KN)	Speed (m/min)					Volt (V)	Frequency (Hz)		
IDJ699-600-1000-44	600	2-60	44	5	1000	SXLEE355ML..S-1W2001	440	60	88.3116	350x2

Note: 1. Drum capacity indicates theoretic value. Maintain mandatory minimum of three wraps of wire rope to be left on the drum at all times for safety.

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