

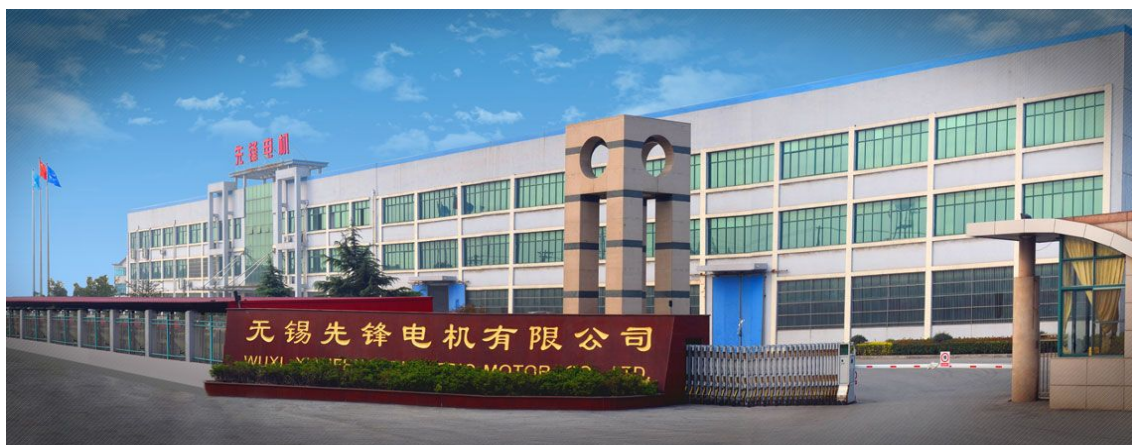
COMPANY BRIEF INTRODUCTION

Wuxi Xianfeng Electric Manufacturing Co., Ltd (Formerly Shanghai Xianfeng Electric Motor Plant, Wuxi Division Factory) is situated on the bank of Great Canal with Shanghai-Nanjing Railway and NO.312 State Highway passing by. It occupies a floor space of 56,000 square meters and a building area of 50,000 square meters.

The company has a strong technical force, up-to-date production equipment, first-grade process technology, complete test facilities, strict quality control system and adaptability of production and business to market. We are specializing in producing High voltage three-phase asynchronous motor; Z series and Z4 series DC motors; YCT series electromagnetic speed-regulating motors; BPY series frequency conversion & speed-regulating motors; YLJ, JLJ series torque three-phase asynchronous motors; SM AC permanent magnetism servo motor; IM series AC servo frequency conversion (axis) motor and YB₂ series flameproof three phase induction motors.

For many years our products have passed inspections of State and Provincial Bureaus of Technological Supervision and gained certificate of ISO9001:2008 Quality Assurance System. The stable quality products are well sold on domestic and foreign markets and deeply trusted by customers.

All the staff members in the company follow the aim of “Quality first, Customer first and Reputation first” to cooperate and go forward hand in hand with our new and old customers.█



I Product Overview

Y, YKS and YKK series are high voltage squirrel-cage asynchronous motors which can apply to drive various ventilators, compressors, water pumps, crushers, chipping machines, transporting machines and other equipments.

YR, YRKS and YRKK series are high voltage winding asynchronous motors, and this series of motors can provide large starting torque at low starting currents, and the speed can be adjusted within a certain scope. They often apply to drive hoists, rolling mills and pulling machines.

The motor rated frequency is 50Hz, the rated voltage is 6KV (10KV).

The motor model spectrum, main specifications and performances are in accordance with relevant standards of the International Electro-technical Commission (IEC). The motors have the advantages of high efficiency, energy saving, low noises, low vibrations, high reliability, long service life and easy installation and maintenance.

II Structural Features

The motors adopt box-structure, and the motor base which made of steel plates was welded to box type with the features of light weight and good stiffness. Various coolers can be assembled on the top of the motor base to have various cooling forms and various protective grades.

The stator windings adopt F grade insulation materials, and the temperating rising is check according to B grade. The winding was treated with vacuum pressure impregnating in solvent free paints processing (VPI) and its insulation performance achieve the level of high-class products according to the "Coil Classification Standard". It has high reliability.

The rotor was designed to cage model or winding model to fit for different applications; the squirrel-cage model rotors has two structures: cast aluminum and copper bar to meet the different requirements of working conditions. The rotor has passed the dynamic balance check and the running is stable and reliable. The protective grade is IP23 or other forms.

The motor cooling form is IC0 or IC1, IC2, IC3 and so on.

The basic installation form of the motor is horizontal type with footing (IMB3).

The main junction box was put at right of the motor (look from the shaft extension end), and it can also be put at left according to customer requirement. There are separate earthing terminals inside and outside the junction box.

We can add temperature measuring devices on stator windings, bearing and other important parts according to customer requirements to facilitate the on site observing or remote monitoring and to ensure the safe and reliable operating of the motor.

III Motor Model Instructions

Y KK 400 1 - 4 - W

Y: asynchronous motor. (Y is squirrel-cage rotor; YR is winding rotor)

KK: cooling structure. (KK is air-air cooling; KS is air-water cooling)

400: the height of the motor shaft center (H400mm)

1: iron core length code

4: poles

W: environment code (W stands for outdoors)

IV Working Conditions

The motor can be rated operating under the following conditions:

- Altitude above sea level shall not exceed 1000M.
- The ambient air temperature range is -15°C to 40°C
- The relevant humidity should be no more than 95% (no condensation)
- The allowable voltage deviation should be no more than $\pm 5\%$ during the motor running.
- The rated frequency of the motor is 50Hz during the motor running, and the allowable deviation should be no more than $\pm 1\%$.
- The motor is transmitted by coupling.

V Ordering Instruction

- The data provided are in accordance with the "JB/T 7593-94 Y series high voltage three phase asynchronous motor technical conditions", and correspond with relevant standards at home and abroad.
- Please specify the motor model, poles, rated power, rated voltage, rated frequency, installation form, protective grade, cooling forms and environment conditions when you place an order.

- If the users have other special conditions or requirements, please sign technical agreement with us.
- The rotating direction of the motor: rotating at clockwise direction (looking from the main shaft extension end), or else, please specified.
- With the technical progress of the products and the modification of relevant standards, some specifications may changed without notification.

VI Technical Data

1. Y, YKS series High voltage three-phase asynchronous motor (6KV)

Table 1 Y, YKS series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight						
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS					
Y3551-2	220	26.5	2970	92.8	0.86	1.8	0.6	7.0	2.2	22.0	2010	2250					
Y3552-2	250	30.1		92.9					2.51	24.0	2050	2290					
Y3553-2	280	33.7		93.1					2.7	26.0	2020	2360					
Y3554-2	315	37.7		93.4					3.0	27.0	2160	2400					
Y3555-2	355	42.4		93.7					3.4	27.5	2250	2490					
Y3556-2	400	47.6		94.1					3.7	28.0	2260	2500					
Y4001-2	450	53.5	2976	94.4	0.87	1.8	0.6	7.0	4.8	32.0	2800	3080					
Y4002-2	500	58.5		94.6					5.2	33.0	2880	3160					
Y4003-2	560	65.4		94.7					6.0	34.0	2990	3270					
Y4004-2	630	73.4		94.9					6.4	35.0	3090	3370					
Y4501-2	710	82.7		95.0					8.4	42.0	3580	4230					
Y4502-2	800	92.9		95.2					9.5	44.0	3740	4390					
Y4503-2	900	104.5		95.3					10.5	46.0	3900	4550					
Y4504-2	1000	114.6		95.4					11.6	48.0	4060	4710					
Y5001-2	1120	128.2		2980					95.5	0.88	1.8	0.6	7.0	15.9	90.0	4100	4860
Y5002-2	1250	143.0							95.6					17.7	100.0	4300	5000
Y5003-2	1400	160.0	95.7		19.9	101.0	4600	5300									
Y5004-2	1600	182.6	95.8		22.0	102.0	4900	5600									
Y5601-2	1800	205.2	2981	95.9	0.88	1.8	0.6	7.0	30.1	106.0	8000	8750					
Y5602-2	2000	227.8		96.0					33.7	107.0	8250	9000					

Renewal table 1

Y, YKS series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight	
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS
Y5603-2	2240	254.9	2981	96.1	0.88	1.8	0.6	7.0	37.8	108.0	8500	9250
Y6301-2	2500	281.0	2982	96.2	0.89				46.4	118.0	9250	10050
Y6302-2	2800	314.4		96.3					50.7	123.0	9650	10450
Y6303-2	3150	353.7		96.3					56.1	130.0	10050	10850
Y3551-4	185	22.8	1478	93.1	0.84	1.8	0.8	6.5	2.5	56.0	1950	2350
Y3552-4	200	24.6		93.2					2.7	68.0	1980	2380
Y3553-4	220	26.7		93.3	0.86				3.0	78.0	2010	2410
Y3554-4	250	30.3		93.4					3.5	88.0	2040	2440
Y3555-4	280	33.5		93.5					3.8	97.0	2090	2490
Y3556-4	315	37.7		93.6					4.0	108.0	2130	2530
Y4001-4	355	42.3	1485	93.8	0.86	1.8	0.8	6.5	5.8	120.0	2620	3070
Y4002-4	400	47.6		94.0					6.0	133.0	2700	3150
Y4003-4	450	53.5		94.2					6.5	147.0	2800	3250
Y4004-4	500	58.6		94.3					7.0	161.0	2890	3340
Y4005-4	560	65.5		94.5					8.0	178.0	3010	3460
Y4501-4	630	73.5		94.8					11.0	197.0	3160	3960
Y4502-4	710	82.7	95.0	0.87	12.0	218.0	3300	4100				
Y4503-4	800	93.0	95.1		13.0	241.0	3440	4240				
Y4504-4	900	104.6	95.2		14.0	266.0	3580	4380				
Y5001-4	1000	116.1	95.3	0.88	1.8	0.7	6.5	24.0	290	4400	5310	
Y5002-4	1120	128.4	95.4					26.0	318	4500	5410	
Y5003-4	1250	143.1	95.5					30.0	347	4600	5510	
Y5004-4	1400	160.1	95.6					32.0	380	4800	5710	
Y5601-4	1600	180.8	1488	95.7	0.89	1.8	0.6	6.5	57.0	420	6225	7150
Y5602-4	1800	203.1		95.8					60.0	460	6720	7640
Y5603-4	2000	225.5		95.9					66.0	498	7150	8100
Y6301-4	2240	252.3		96.0					102.0	540	9250	10050
Y6302-4	2500	281.3		96.1					112.0	584	9650	10650
Y6303-4	2800	314.7		96.2					116.0	631	10450	11400

Renewal table 1

Y, YKS series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight	
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS
Y3553-6	185	23.7	987	92.6	0.82		0.6	6.0	5.2	160	2060	2460
Y3554-6	200	25.6		92.8					5.6	190	2100	2500
Y3555-6	220	27.8		93.0					6.0	210	2140	2540
Y3556-6	250	31.4		93.3					7.0	236	2170	2570
Y4002-6	280	34.7	988	93.5	0.83	1.8	0.8	6.0	10.0	262	2590	3040
Y4003-6	315	39.0		93.7					11.0	291	2690	3140
Y4004-6	355	43.8		93.9					11.5	324	2770	3220
Y4005-6	400	49.3		94.0					12.0	361	2980	3430
Y4501-6	450	54.7		94.3	0.85				15.0	401	3110	3910
Y4502-6	500	59.9		94.5					16.0	440	3240	4040
Y4503-6	560	66.9		94.7					17.0	487	3370	4170
Y4504-6	630	75.2		94.8					20.0	540	3490	4290
Y5001-6	710	84.6	990	95.0	0.85	1.8	0.7	6.0	32.0	599	4100	5010
Y5002-6	800	95.3		95.1					34.0	665	4200	5110
Y5003-6	900	107.0		95.2					40.0	736	4500	5410
Y5004-6	1000	118.8		95.3					47.0	805	4700	5610
Y5601-6	1120	131.4		95.4	0.86			70.0	886	6185	7000	
Y5602-6	1250	146.5		95.5				75.0	972	6415	7300	
Y5603-6	1400	163.9		95.6				82.0	1068	6670	7500	
Y6301-6	1600	187.1		95.7				0.86	117.0	1192	9300	10300
Y6302-6	1800	210.2	95.8	132.0	1312	9720	10720					
Y6303-6	2000	233.3	95.9	143.0	1428	10550	11550					
Y4001-8	185	25.0	741	92.6	0.78		0.8	5.5	9.0	383	2480	2930
Y4002-8	200	26.6		92.8					10.0	401	2570	3020
Y4003-8	220	29.2		92.9					11.0	424	2650	3100
Y4004-8	250	32.7		93.0					12.0	477	2760	3210
Y4005-8	280	36.6		93.2					13.0	529	2890	3340
Y4501-8	315	40.6	742	93.4	0.80		0.8	5.5	16.0	588	3140	3940
Y4502-8	355	45.7		93.5					17.0	656	3290	4090
Y4503-8	400	51.3		93.7					18.0	731	3340	4140

Renewal table 1

Y, YKS series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight			
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS		
Y6304-10	1400	173.1	594	94.9	0.82	1.8	0.7	6.0	175.0	3850	10930	11930		
Y4502-12	185	27.2	494	90.9	0.72		0.8	5.5	19.0	997	3170	3970		
Y4503-12	200	29.3		91.1					21.0	1078	3260	4060		
Y4504-12	220	31.7		91.4	24.0				1135	3340	4140			
Y4505-12	250	35.9	91.7	0.73	26.0				1277	3410	4210			
Y5001-12	280	39.3	92.7		40.0				1418	4000	4900			
Y5002-12	315	43.6	92.8	0.75	42.0				1580	4100	5000			
Y5003-12	355	49.0	93.0		43.0				1764	4250	5150			
Y5004-12	400	55.0	93.3		47.0				1967	4400	5300			
Y5005-12	450	61.8	93.4		50.0				2191	4550	5450			
Y5601-12	500	65.0	495		93.7				0.79	0.7	6.0	103.0	2411	6160
Y5602-12	560	72.7		93.8	114.0							2673	6360	7310
Y5603-12	630	81.7		93.9	127.0							2974	6570	7430
Y6301-12	710	92.0		94.0	191.0							3312	9600	10600
Y6302-12	800	103.4		94.2	208.0							3688	10050	11050
Y6303-12	900	116.2		94.3	227.0							4098	10450	12450
Y6304-12	1000	129.0		94.4	239.0							4502	10820	12820

2. YKK series High voltage three-phase asynchronous motor (6KV)

Table 2 YKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	YKK
YKK3551-2	220	26.9	2973	92.5	0.85				2.7	22.0	2250
YKK3552-2	250	30.6		92.6					3.0	24.0	2300
YKK3553-2	280	34.2		92.8					3.4	26.0	2350
YKK3554-2	315	38.3		93.1					3.6	27.0	2400
YKK4002-2	355	42.5	2977	93.4	0.86				5.3	30.0	2700
YKK4003-2	400	47.8		93.7					5.7	32.0	2780
YKK4004-2	450	53.6		94.0					6.5	34.0	2900
YKK4005-2	500	59.4		94.2					6.8	35.0	3000
YKK4502-2	560	66.4	2977	94.4	0.87				9.4	40.0	4000
YKK4503-2	630	73.7		94.6					10.8	44.0	4300
YKK4504-2	710	82.9		94.7					11.8	46.0	4600
YKK4505-2	800	93.3		94.8					12.4	48.0	4900
YKK5001-2	900	104.8	2981	95.0	0.87	1.8			17.2	73.4	5200
YKK5002-2	1000	116.3		95.1					19.1	85.0	5440
YKK5003-2	1120	130.1		95.2					21.1	93.0	5650
YKK5004-2	1250	145.1		95.3					23.0	101.0	5880
YKK5601-2	1400	160.5	2981	95.4	0.88				39.8	106.0	6800
YKK5602-2	1600	183.1		95.5					42.4	107.0	6900
YKK5603-2	1800	205.9		95.6					46.4	108.0	7160
YKK6301-2	2000	228.5		2982					95.7	0.88	
YKK6302-2	2240	255.7	95.8		51.7	114.0	9850				
YKK6303-2	2500	285.1	95.9		57.1	120.0	10250				
YKK3551-4	185	22.6	1482		92.8	0.85					
YKK3552-4	200	24.4		92.9	3.4					78.0	2550
YKK3553-4	220	26.8		93.0	3.8					88.0	2600
YKK3554-4	250	30.4		93.1	4.2					97.0	2650

Renewal table 2

YKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight YKK
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	
YKK4002-4	280	33.6	1482	93.2	0.86	1.8	0.7	6.5	5.8	108	2740
YKK4003-4	315	37.8		93.3					6.0	120	2800
YKK4004-4	355	42.5		93.5					6.2	133	2870
YKK4005-4	400	47.8		93.7					6.5	147	2990
YKK4006-4	450	53.6		93.9					7.0	161	3060
YKK4502-4	500	59.5	1485	94.0	0.86				10.0	178	4400
YKK4503-4	560	66.5		94.2					11.0	197	4560
YKK4504-4	630	74.7		94.4					12.0	218	4720
YKK4505-4	710	84.0	1486	94.6	0.87				13.0	241	4890
YKK5001-4	800	93.3		94.8					22.0	266	5640
YKK5002-4	900	104.9		94.9					24.0	290	5660
YKK5003-4	1000	116.4	1487	95.0	0.88				26.0	318	5850
YKK5004-4	1120	130.3		95.1					30.0	347	6030
YKK5601-4	1250	143.6		95.2					51.0	379	7800
YKK5602-4	1400	160.6		95.3					57.0	470	8050
YKK5603-4	1600	183.4		95.4		60.0	460	8300			
YKK6301-4	1800	206.1	1487	95.5	0.88	96.0	498	10400			
YKK6302-4	2000	228.8		95.6		102.0	540	10800			
YKK6303-4	2240	255.9		95.7		112.0	584	11200			
YKK4001-6	185	23.5	988	92.4	0.82	0.7	6.0	8.0	193	2610	
YKK4002-6	200	25.3		92.6				8.7	210	2665	
YKK4003-6	220	27.8		92.8				9.0	236	2700	
YKK4004-6	250	31.5		93.0				10.0	262	2750	
YKK4005-6	280	35.2		93.3				10.8	291	2895	
YKK4006-6	315	39.5		93.5	11.0			324	3020		
YKK4502-6	355	43.9		93.7	14.0			361	4380		
YKK4503-6	400	49.4		93.8	15.0			401	4540		
YKK4504-6	450	55.4		94.1	16.0			440	4690		
YKK4505-6	500	61.5		94.3	17.0			687	4810		

Renewal table 2

YKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight YKK				
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)					
YKK5001-6	560	68.0	990	94.4	0.84	1.8	0.7	6.0	27.0	540	5355				
YKK5002-6	630	76.4		94.5					32.5	599	5440				
YKK5003-6	710	85.8		94.8					34.0	665	5700				
YKK5004-6	800	96.6		94.9					40.0	736	5880				
YKK5601-6	900	107.2	991	95.0	0.85			0.7	6.5	64.0	805	7500			
YKK5602-6	1000	119.0		95.1						70.0	886	7850			
YKK5603-6	1120	133.2		95.2						75.0	927	8100			
YKK6301-6	1250	146.8		95.3						139	1068	10750			
YKK6302-6	1400	164.2	95.4	147	1192		11150								
YKK6303-6	1600	187.5	95.5	162	1312		11500								
YKK4004-8	185	24.7	740	92.5	0.78		1.8	0.80	5.5	11.0	406	2785			
YKK4005-8	200	26.6		92.7						12.0	450	2840			
YKK4006-8	220	29.2		92.9		13.0				502	2910				
YKK4502-8	250	32.7	742	93.0	0.79	0.80				5.5	16.0	558	4560		
YKK4503-8	280	36.6		93.2							17.0	622	4650		
YKK4504-8	315	41.1		93.4							18.0	693	4740		
YKK4505-8	355	46.2		93.5					19.0		772	4840			
YKK5001-8	400	51.3	743	93.7	0.80				1.8		0.80	5.5	30.0	853	5110
YKK5002-8	450	57.7		93.8									34.0	941	5280
YKK5003-8	500	63.8		94.2		38.0				1044			5430		
YKK5004-8	560	71.4		94.4		42.0				1160			5660		
YKK5601-8	630	78.2	743	94.5	0.82	1.8				0.80			6.0	79.0	1221
YKK5602-8	710	88.1		94.6			87.0	1357						7750	
YKK5603-8	800	99.1		94.7			90.0	1505				8000			
YKK6301-8	900	108.8	744	94.8	0.84		0.7	6.0				129		1650	10400
YKK6302-8	1000	120.7		94.9								137		1820	10800
YKK6303-8	1120	135.1		95.0								151		2001	11200
YKK6304-8	1250	150.6		95.1								160	2204	11600	

Renewal table 2

YKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight	
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	YKK	
YKK4501-10	185	25.9	594	91.7	0.75	1.8	0.8	5.5	19.0	698	4580	
YKK4502-10	200	27.9		91.9					20.0	775	4670	
YKK4503-10	220	30.6		92.1					22.0	865	4760	
YKK4504-10	250	34.8		92.3					24.0	902	4860	
YKK4505-10	280	38.8		92.5					26.0	1072	4960	
YKK5001-10	315	43.0	593	92.8	0.76		36.0	1196	5220			
YKK5002-10	355	48.3		93.0			38.0	1332	5375			
YKK5003-10	400	54.3		93.3			42.0	1471	5535			
YKK5004-10	450	61.0		93.4			45.0	1627	5760			
YKK5601-10	500	65.9	594	93.6	0.78		0.7	6.0	67.0	1710	7470	
YKK5602-10	560	73.7		93.7		74.0			1902	7690		
YKK5603-10	630	82.9		93.8		79.0			2116	7920		
YKK5604-10	710	93.2		94.0		88.0			2355	8140		
YKK6301-10	800	102.1	594	94.2	0.80	132			2615	10600		
YKK6302-10	900	114.8		94.3		140			2800	11000		
YKK6303-10	1000	127.4		94.4		152			3170	11400		
YKK6304-10	1120	142.4		94.6		167			3489	11800		
YKK4504-12	185	27.7	494	91.8	0.70	0.8			5.5	24.0	1487	4470
YKK4505-12	200	29.9		92.0						26.0	1206	4950
YKK5001-12	220	31.9		92.2			40.0	1347		5090		
YKK5002-12	250	36.1		92.5			42.0	1499		5340		
YKK5003-12	280	40.4		92.7			43.0	1672		5410		
YKK5004-12	315	45.4	92.8	47.0	1865		5660					
YKK5601-12	355	49.6	495	93.0	0.74		0.7	6.0		87.0	1967	7440
YKK5602-12	400	55.7		93.3						96.0	2190	7650
YKK5603-12	450	62.7		93.4						103	2411	7860
YKK5604-12	500	69.4		93.7						114	2673	8070
YKK6301-12	560	75.6	495	93.8	0.76	179			2974	10600		
YKK6302-12	630	84.9		93.9		191			3312	11000		
YKK6303-12	710	95.6		94.0		208			3688	11400		
YKK6304-12	800	107.5		94.2		272			4098	11800		

3. YR series (6KV)

Table 3 YR series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YR3551-4	220	27.5	1475	92.7	0.83	1.8	343	389
YR3552-4	250	30.8		93.0	0.84		368	413
YR3553-4	280	34.5		93.1			431	393
YR4001-4	315	38.3	1480	93.2	0.85	1.8	372	521
YR4002-4	355	41.3		93.3			400	545
YR4003-4	400	48.5		93.5			435	567
YR4004-4	450	54.4		93.7			475	584
YR4005-4	500	60.3		93.9			521	585
YR4501-4	560	67.3	1485	94.2	0.85	1.8	521	654
YR4502-4	630	74.6		94.5	0.86		578	659
YR4503-4	710	84.0		94.6			650	657
YR4504-4	800	93.6		94.7	0.87		745	645
YR5001-4	900	105.3	1485	94.8	0.87	1.8	921	590
YR5002-4	1000	116.6		94.9			987	612
YR5003-4	1120	130.4		95.0			1064	636
YR5004-4	1250	145.4		95.1			1154	655
YR5601-4	1400	162.7	1485	95.2	0.87	1.8	1150	735
YR5602-4	1600	185.7		95.3			1256	770
YR5603-4	1800	208.7		95.4			1385	789
YR6301-4	2000	231.6	1480	95.5	0.87	1.8	1538	778
YR6302-4	2240	259.2		95.6			1732	772
YR6303-4	2500	289.0		95.7			1980	751
YR4001-6	220	28.3	980	92.5	0.81	1.8	292	462
YR4002-6	250	31.7		92.7	0.82		313	491
YR4003-6	280	35.4		92.8			337	510
YR4004-6	315	39.8		93.0			365	529
YR4005-6	355	44.8		93.2			399	546

Renewal table 3

YR series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YR4501-6	400	49.6	980	93.5	0.83	1.8	395	615
YR4502-6	450	55.1		93.6	0.84		436	631
YR4503-6	500	61.1		93.8	0.84		484	628
YR4504-6	560	68.3		94.0			546	624
YR5001-6	630	75.6	980	94.3	0.85	1.8	857	444
YR5002-6	710	85.1		94.5			920	463
YR5003-6	800	95.6		94.7			1054	455
YR5004-6	900	107.5		94.8			1159	464
YR5601-6	1000	119.2	990	95.0	0.85	1.8	1029	588
YR5602-6	1120	133.3		95.1			1060	648
YR5603-6	1250	148.6	990	95.2	0.80	1.8	1238	613
YR6301-6	1400	166.3	985	95.3	0.85	1.8	1346	622
YR6302-6	1600	189.9		95.4			1483	645
YR6303-6	1800	213.4		95.5			1649	653
YR4003-8	220	29.5	740	92.2	0.78	1.8	472	282
YR4004-8	250	33.4		92.3			509	298
YR4005-8	280	36.9		92.5	0.79	1.8	550	307
YR4501-8	315	40.9	740	92.6	0.80	1.8	581	326
YR4502-8	355	46.1		92.7			630	338
YR4503-8	400	51.8		93.0			687	349
YR4504-8	450	57.5		93.2	0.81		757	357
YR5001-8	500	63.5	740	93.5	0.81	1.8	665	451
YR5002-8	560	71.0		93.7			738	453
YR5003-8	630	79.7		93.9			823	453
YR5004-8	710	89.7		94.0			833	516
YR5601-8	800	100.9	745	94.2	0.81	1.8	743	660
YR5602-8	900	113.4		94.3			836	658
YR5603-8	1000	125.8		94.4			956	635

Renewal table 3

YR series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YR6301-8	1120	140.8	740	94.5	0.81	1.8	1092	615
YR6302-8	1250	157.0		94.6			1232	605
YR6303-8	1400	175.6		94.7			1336	627
YR6304-8	1600	200.5		94.8			1458	657
YR4501-10	220	30.1	595	91.3	0.77	1.8	471	287
YR4502-10	250	34.2		91.5	507		303	
YR4503-10	280	37.7		91.8	0.78		550	313
YR4504-10	315	42.3		91.8			600	323
YR4505-10	355	47.6		92.1			660	330
YR5001-10	400	53.2	590	92.8	0.78	1.8	602	403
YR5002-10	450	59.6		93.1	662		411	
YR5003-10	500	65.3		93.3	0.79		736	409
YR5004-10	560	73.0		93.5			830	407
YR5601-10	630	81.0	595	93.6	0.80	1.8	743	516
YR5602-10	710	91.1		93.7			835	516
YR5603-10	800	102.6		93.8			894	506
YR6301-10	900	115.3	590	93.9	0.80	1.8	1103	486
YR6302-10	1000	127.8		94.1			1201	493
YR6303-10	1120	143.0		94.2			1323	503
YR6304-10	1250	159.4		94.3			1469	503
YR4504-12	220	32.6	490	90.4	0.72	1.8	460	283
YR4505-12	250	36.6		91.5			526	280
YR5001-12	280	40.2	490	91.7	0.73	1.8	504	332
YR5002-12	315	44.5		92.0	0.74		542	347
YR5003-12	355	49.5		92.1	0.75		588	361
YR5004-12	400	55.6		92.3			641	373

Renewal table 3

YR series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YR5601-12	450	60.8	490	92.5	0.77	1.8	707	383
YR5602-12	500	67.4		92.7			786	381
YR5603-12	560	75.4		92.8			884	378
YR5604-12	630	84.7		92.9			885	430
YR6301-12	710	95.4	495	93.0	0.77	1.8	973	434
YR6302-12	800	107.4		93.1			974	494
YR6303-12	900	120.7		93.2			1137	473
YR6304-12	1000	133.9		93.3			1138	530

4. YRKK series 6KV

Table 4 YRKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK3552-4	185	23.3	1475	92.0	0.83	1.8	323	349
YRKK3553-4	200	25.2		92.2			355	342
YRKK3554-4	220	27.6		92.4			399	334
YRKK4001-4	250	30.9	1485	92.7	0.84	1.8	372	407
YRKK4002-4	280	34.5		92.8			401	423
YRKK4003-4	315	38.8		92.9			434	439
YRKK4004-4	355	43.7		93.0			474	452
YRKK4005-4	400	49.1		93.2			475	514
YRKK4501-4	450	54.6	1485	93.4	0.85	1.8	521	521
YRKK4502-4	500	60.5		93.6			578	519
YRKK4503-4	560	67.5		93.9			649	515
YRKK4504-4	630	75.7		94.2			744	505
YRKK5001-4	710	84.3	1490	94.3	0.86	1.8	921	160
YRKK5002-4	800	94.9		94.4			987	484
YRKK5003-4	900	106.9		94.5			1064	506
YRKK5004-4	1000	118.3		94.6			1153	518
YRKK5602-4	1120	130.8	1490	94.7	0.87	1.8	1149	581
YRKK5603-4	1250	145.8		94.8			1256	594
YRKK5604-4	1400	163.2		94.9			1385	604
YRKK6301-4	1600	186.3	1480	95.0	0.87	1.8	1537	622
YRKK6302-4	1800	209.4		95.1			1730	621
YRKK6303-4	2000	232.4		95.2			1977	602
YRKK4001-6	185	24.8	990	91.9	0.78	1.8	291	385
YRKK4002-6	200	26.8		92.1			313	388
YRKK4003-6	220	29.0		92.3	0.79	1.8	337	395
YRKK4004-6	250	32.9		92.5			365	414
YRKK4005-6	280	36.8		92.6			399	424

Renewal table 4

YRKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK4501-6	315	40.8	990	92.8	0.80	1.8	395	479
YRKK4502-6	355	44.8		93.0	0.82		436	491
YRKK4503-6	400	50.3		93.3			484	497
YRKK4504-6	450	56.5		93.4			546	496
YRKK5001-6	500	61.2	990	93.6	0.84	1.8	857	348
YRKK5002-6	560	68.4		93.8			920	361
YRKK5003-6	630	76.7		94.1			1054	355
YRKK5004-6	710	86.3		94.3			1159	363
YRKK5602-6	800	95.8	990	94.5	0.85	1.8	1028	464
YRKK5603-6	9000	107.7		94.6			1060	511
YRKK5604-6	1000	119.4		94.8			1237	484
YRKK6301-6	1120	133.6	990	94.9	0.85	1.8	1345	496
YRKK6302-6	1250	149.0		95.0			1482	503
YRKK6303-6	1400	166.7		95.1			1647	505
YRKK4004-8	185	25.2	740	91.8	0.77	1.8	443	254
YRKK4005-8	200	27.1		92.0			475	256
YRKK4501-8	220	29.4	740	92.2	0.78	1.8	541	243
YRKK4502-8	250	33.4		92.3			584	256
YRKK4503-8	280	37.3		92.5			633	265
YRKK4504-8	315	42.0		92.6			691	273
YRKK5001-8	355	46.1	740	92.7	0.80	1.8	601	352
YRKK5002-8	400	51.8		93.0			661	360
YRKK5003-8	450	58.2		93.1			735	364
YRKK5004-8	500	64.4		93.5			826	358
YRKK5601-8	560	71.0	745	93.7	0.81	1.8	741	450
YRKK5602-8	630	79.7		93.9			742	509
YRKK5603-8	710	89.7		94.0			835	509
YRKK5604-8	800	100.9		94.2			956	500

Renewal table 4

YRKK series (6KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK6301-8	900	113.4	740	94.3	0.81	1.8	1091	489
YRKK6302-8	1000	125.8		94.4			12330	480
YRKK6303-8	1120	140.8		94.5			1335	496
YRKK6304-8	1250	157.0		94.6			1457	507
YRKK4501-8	185	26.1	590	90.9	0.75	1.8	507	220
YRKK4502-8	200	28.2		91.1			549	219
YRKK4503-8	220	30.9		91.3			599	220
YRKK4504-8	250	35.1		91.5			659	227
YRKK5001-10	380	38.6	595	91.8	0.76	1.8	600	277
YRKK5002-10	315	43.4		91.9			660	283
YRKK5003-10	355	48.8		92.1			733	287
YRKK5004-10	400	54.6		92.8			823	286
YRKK5601-10	450	60.4	595	93.1	0.77	1.8	739	362
YRKK5602-10	500	67.0		93.3			740	404
YRKK5603-10	560	74.8		93.5			834	402
YRKK5604-10	630	84.1		93.6			954	395
YRKK6301-10	710	93.5	590	93.7	0.78	1.8	1101	378
YRKK6302-10	800	105.2		93.8			1200	390
YRKK6303-10	900	118.2		93.9			1321	399
YRKK6304-10	1000	131.1		94.1			1467	398
YRKK4503-12	185	28.9	495	90.6	0.68	1.8	460	236
YRKK4504-12	200	30.3		90.8	0.70		495	239
YRKK5001-12	220	32.3	490	91.0	0.72	1.8	467	279
YRKK5002-12	250	36.6		91.3			501	296
YRKK5003-12	280	40.8		91.7			539	308
YRKK5004-12	315	45.8		92.0			584	320
YRKK5602-12	355	48.3	495	92.1	0.73	1.8	706	298
YRKK5603-12	400	57.1		92.3			707	337
YRKK5604-12	450	64.1		92.5			785	341

Renewal table 4**YRKK series (6KV) motor technical data**

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK6301-12	500	69.2	495	92.7	0.75	1.8	853	384
YRKK6302-12	560	77.4		92.8			853	393
YRKK6303-12	630	87.0		92.9			977	386
YRKK6304-12	710	98.0		93.0			977	438

5. Y, YKS series High voltage three-phase asynchronous motor (10KV)

Table 5 Y, YKS series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight		
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS	
Y4501-2	220	15.9	2975	92.7	0.86	1.8	0.6	7.0	4.0	30.0	2935	3535	
Y4502-2	250	18.0		93.0					4.5	31.1	2950	3550	
Y4503-2	280	20.1		93.4					5.3	31.8	3000	3600	
Y4504-2	315	22.4	93.6	6.0	32.5				3098	3690			
Y4505-2	355	25.2	2977	93.8	6.4				34.3	3160	3760		
Y4506-2	400	28.3		94.1	7.5				35.1	3250	3850		
Y4507-2	450	31.7	2979	94.3	0.87				8.4	37.2	3290	3890	
Y4508-2	500	35.2		94.4					9.0	41.2	3370	3970	
Y4509-2	560	39.4	2980	94.5					9.7	45.2	3600	4200	
Y45010-2	630	44.2		94.6					10.3	50.1	3760	4360	
Y5001-2	710	49.2		94.7					13.7	68.8	4150	4810	
Y5002-2	800	55.4	2982	94.8					0.88	14.7	75.5	4250	4910
Y5003-2	900	62.2		94.9		16.7	78.4	4500		5160			
Y5004-2	1000	69.1		95.0		17.7	90.0	4600		5260			
Y5005-2	1120	77.2		95.2		18.7	97.0	4700		6350			
Y5601-2	1250	85	2983	95.4		0.89	30.8	98.0		7750	8450		
Y5602-2	1400	95.1		95.5			34.7	99.0		8000	8700		
Y5603-2	1600	108.6		95.6			38.8	100.0		8250	8950		
Y6301-2	1800	120.7		95.7	39.0		108.0	9250		10010			
Y6302-2	2000	134.0		95.8	44.0		110.0	9650		10410			
Y6303-2	2240	149.7		96.0	51.0		114.0	10500		11260			
Y4501-4	220	16.3	1477	92.5	0.84		0.7	0.7		9.0	78.0	2550	3365
Y4502-4	250	18.5		92.7						9.5	87.0	2645	3460
Y4503-4	280	20.5	1478	92.9	0.85				10.2	97.0	2710	3525	
Y4504-4	315	23.0		93.1					10.8	107.0	2790	3605	
Y4505-4	355	25.5	1481	93.3	0.86				12.0	119.0	2850	3665	
Y4506-4	400	28.7		93.5					12.5	132.0	2915	3730	
Y4507-4	450	32.2		93.9		12.9			147.0	3180	3995		

Renewal table 5

Y, YKS series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight				
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS			
Y4508-4	500	35.7	1485	94.0	0.86	1.8	0.7	7.0	13.4	161.0	3315	4130			
Y4509-4	560	39.9		94.2					13.8	178.0	3380	4195			
Y45010-4	630	44.8		94.4					14.7	196.0	3461	4275			
Y5001-4	710	49.6	1486	95.0	0.87				22.0	217.0	4550	5510			
Y5002-4	800	55.8		95.1					23.0	240.0	4600	5560			
Y5003-4	900	62.0		95.2					25.0	265.0	4750	5710			
Y5004-4	1000	68.8	1485	95.3	0.88				27.0	289.0	4850	5810			
Y5005-4	1120	77.0		95.4					29.0	317.0	5150	6110			
Y5601-4	1250	84.9		95.5					40.0	347.0	6225	7245			
Y5602-4	1400	94.9	1488	95.7	0.89				43.0	379.0	6720	7740			
Y5603-4	1600	108.3		95.8					46.0	421.0	7150	8170			
Y6301-4	1800	121.8		95.9					86.0	460	9250	10360			
Y6302-4	2000	135.1	1488	96.0	0.89				91.0	498	9700	10810			
Y6303-4	2240	151.2		96.1					96.0	540	10600	11710			
Y4504-6	220	17.0		987					92.2	1.8	0.7	6.0	13.2	210	28200
Y4505-6	250	19.3	92.4		13.4				236				2850	3665	
Y4506-6	280	21.3	92.6		13.6				261				2950	3765	
Y4507-6	315	23.9	988	92.8	0.83				14.7				291	3070	3885
Y4508-6	355	26.5		93.1					15.7				324	3175	3990
Y4509-6	400	30		93.3					17.7				361	3295	4110
Y45010-6	450	33.5	990	93.5	0.847				18.2				400	3377	4190
Y5001-6	500	37.0		93.9					23.0				440	4550	5510
Y5002-6	560	40.9		94.1					25.0				486	4600	5560
Y5003-6	630	45.9	988	94.4	0.85				27.0				539	4790	5750
Y5004-6	710	51.6		94.6					29.0				599	4930	5890
Y5005-6	800	58.1		94.7					31.0				664	5050	6010
Y5601-6	900	64.4	988	94.9	0.85				49.0				735	6083	7195
Y5602-6	1000	71.4		95.1					53.0				805	6415	7525
Y5603-6	1120	79.8		95.3					56.0				886	6670	7780
Y5604-6	1250	88.0		95.4					60.0				972	6920	8030

Renewal table 5

Y, YKS series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight	
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS
Y6301-6	1400	98.2	990	95.7	0.86	1.8	0.7	6.0	114.0	1068	9300	10410
Y6302-6	1600	112.1		95.8					121.0	1192	9700	10810
Y6303-6	1800	126.0		95.9					128.0	1312	10500	11610
Y4508-8	220	17.9	741	92.2	0.77				16.0	423	2927	3740
Y4509-8	250	20.3		92.4					17.0	476	3241	4056
Y45010-8	280	22.7		92.6					18.0	528	3383	4198
Y5001-8	315	25.5	742	92.8	0.77				22.0	588	4450	5410
Y5002-8	355	28.6		93.1					24.0	656	4580	5540
Y5003-8	400	31.7		93.2	26.0				730	4700	5660	
Y5504-8	450	35.7		93.4	28.0				812	4850	5810	
Y5005-8	500	39.0		93.8	30.0				893	5960	6920	
Y5006-8	560	43.6		93.9	32.0				989	6100	7060	
Y5601-8	630	47.0	744	94.4	0.82				56.0	1098	6325	7345
Y5602-8	710	52.8		94.6					60.0	1221	6470	7490
Y5603-8	800	59.5		94.7					63.0	1357	6620	7640
Y5604-8	900	66.8		94.8					67.0	1505	6760	7780
Y6301-8	1000	73.2	744	95.0	0.83				141.0	1650	9620	10760
Y6302-8	1120	81.8		95.2					149.0	1820	10200	11310
Y6303-8	1250	91.2		95.3		157.0	2001	10570	11680			
Y5001-10	220	18.7	592	91.9	0.74	27.0	740	4500	5460			
Y5002-10	250	21.2		92.2		27.5	820	4600	5560			
Y5003-10	280	23.7		92.4	28.0	910	4720	5680				
Y5004-10	315	26.6		92.6	30.0	1014	4840	5800				
Y5005-10	355	29.5		92.8	31.3	1131	4970	5930				
Y5006-10	400	33.2		93.0	32.0	1261	5090	6050				
Y5601-10	450	36.2	594	93.2	0.77	75.0	1403	6160	7180			
Y5602-10	500	40.1		93.4		80.0	1544	6360	7380			
Y5603-10	560	44.3		93.5	84.0	1710	6570	7590				
Y5604-10	630	49.8		93.7	89.0	1902	6780	7800				
Y5605-10	710	56.0		93.9	94.0	2117	6990	8010				

Renewal table 5

Y, YKS series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight					
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	Y	YKS				
Y6301-10	800	61.2	595	94.3	0.80	1.8	0.7	6.0	144.0	2355	9620	10730				
Y6302-10	900	68.7		94.5					153.0	2614	10200	11310				
Y6303-10	1000	76.3		94.6					161.0	2870	10570	11680				
Y6304-10	1120	85.9		94.7					169.0	3170	10930	12040				
Y5004-12	220	19.1	493	91.2	0.73			1.8	0.7	5.5	43.0	1135	4770	5730		
Y5005-12	250	21.6		91.6							47.0	1210	4880	5840		
Y5006-12	280	24.1		92.0							50.0	1418	5030	5990		
Y5601-12	315	27.0	495	92.3	0.73					1.8	0.7	6.0	73.0	1580	6060	7080
Y5602-12	355	30.4		92.5									77.0	1763	6255	7275
Y5603-12	400	34.1		92.7									82.0	1967	6450	7470
Y5604-12	450	38.3		92.9									87.0	2190	6640	766
Y5605-12	500	42.4		93.2									92.0	2411	6830	7850
Y6301-12	560	46.7	495	93.5	0.74	1.8	0.7					6.0	119.0	2672	9600	10710
Y6302-12	630	52.5		93.7									136.0	2974	10050	11160
Y6303-12	710	59.0		93.9									152.0	3313	10450	11560
Y6304-12	800	66.2		94.3									160.0	36888	10820	11930

6. YKK series High voltage three-phase asynchronous motor (10KV)

Table 6 YKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight YKK
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	
YKK4501-2	220	16.2	2972	92.4	0.85	1.8	0.6	7.0	5.1	30.0	3650
YKK4502-2	250	18.3		92.6					5.6	31.3	3740
YKK4503-2	280	20.5	2973	92.8					6.1	31.8	3800
YKK4504-2	315	23		93.0					6.6	32.5	3880
YKK4505-2	355	25.5	2975	93.3	7.2				34.3	3945	
YKK4506-2	400	28.7		93.7	8.2				35.2	4090	
YKK4507-2	450	32.1		94.0	8.7				37.2	4185	
YKK5001-2	500	35.6	2975	94.2	0.86				14.7	55.4	4290
YKK5002-2	560	39.8		94.4					15.7	59.1	4380
YKK5003-2	630	44.2	2976	94.6	17.7				63.2	4575	
YKK5004-2	710	49.8	2978	94.7	0.87				18.7	68.8	4700
YKK5005-2	800	56.0		94.8					19.7	75.5	4780
YKK5601-2	900	63.0		94.9					31.8	78.4	7750
YKK5602-2	1000	69.9	2979	95.0					35.7	90.0	8000
YKK5603-2	1120	78.1		95.2	39.8				97.0	8250	
YKK6301-2	1250	87.0	2980	95.3	0.87				42.7	98.0	9300
YKK6302-2	1400	97.4		95.4		46.0	99.0	9700			
YKK6303-2	1600	110.0		95.5		53.0	100.0	10100			
YKK4501-4	220	16.6	1483	92.4	0.83	0.7	7.0	11.4	78.0	3700	
YKK4502-4	250	18.8		92.6				12.6	87.0	3760	
YKK4503-4	280	21		92.8				13.1	97.0	3860	
YKK4504-4	315	23.6		93.0	13.5			107.0	3890		
YKK4505-4	355	25.5		93.3	14.0			119.0	4200		
YKK4506-4	400	28.7		93.5	14.4			132.0	4300		
YKK4507-4	450	32.2		93.9	15.3			147.0	4490		

Renewal table 6 YKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight YKK			
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)				
YKK5001-4	500	35.7	1484	94.0	0.86	1.8	0.7	7.0	25.0	165.0	5640			
YKK5002-4	560	40.0		94.2					26.0	182.0	5660			
YKK5003-4	630	44.8		94.4					28.0	201.0	5850			
YKK5004-4	710	50.4		94.6					30.0	220.0	6030			
YKK5005-4	800	56.0		94.8					32.0	242.0	6060			
YKK5601-4	900	63.0	1485	94.9	0.87				44.0	270.0	7800			
YKK5602-4	1000	70.0		95.0					47.0	292.0	8050			
YKK5603-4	1120	78.2		95.1					50.0	320.0	8300			
YKK6301-4	1250	86.1	1485	95.2	0.88				0.6			90.0	350.0	9900
YKK6302-4	1400	96.4		95.3								95.0	382.0	10300
YKK6303-4	1600	110.0		95.4		101.0	423.0	10400						
YKK4504-6	220	17.3	988	92.0	0.80	0.7	6.0		15.5	210.0	4090			
YKK4505-6	250	19.6		92.2					16.3	235.0	4210			
YKK4506-6	280	21.9		92.5					17.4	260.0	4420			
YKK4507-6	315	23.9	989	92.8	0.83	0.7	6.0		18.4	290	4560			
YKK5001-6	355	26.6		93.1					27.0	326	5360			
YKK5002-6	400	29.8		93.3					29.0	362	5440			
YKK5003-6	450	33.5		93.5					31.0	400	5700			
YKK5004-6	500	37.1		93.9					33.0	440	5880			
YKK5005-6	560	40.9		94.1					35.0	485	6110			
YKK5601-6	630	45.9	990	94.4	0.84				50.0	540	7500			
YKK5602-6	710	51.6		94.6					60.0	599	7850			
YKK5603-6	800	58.1		94.7					63.0	665	8100			
YKK5604-6	900	64.4		94.9					67.0	736	8300			
YKK6301-6	1000	71.4	991	95.1	0.85	0.6	6.0		121.0	805	10750			
YKK6302-6	1120	79.9		95.2					128.0	886	11150			
YKK6303-6	1250	88.1		95.3					135.0	970	11500			

Renewal table 6 YKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight YKK		
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)			
YKK5001-8	220	18.2	740	92.0	0.76	1.8	0.7	6.0	28.0	423	5280		
YKK5002-8	250	20.6		92.2					0.77	30.0	476	5430	
YKK5003-8	280	23.0		92.5						32.0	530	5660	
YKK5004-8	315	25.5		92.8	0.78				34.0	588	5700		
YKK5005-8	355	28.6		93.1					36.0	656	5700		
YKK5006-8	400	31.8		93.2					38.0	730	5820		
YKK5601-8	450	35.7	742	93.4	0.78				63.0	810	7850		
YKK5602-8	500	39.0		93.8	0.79				67.0	890	8100		
YKK5603-8	560	43.6		93.9					70.0	988	8300		
YKK5604-8	630	47.0		94.4	0.82				74.0	1098	8500		
YKK6301-8	710	52.8	743	94.6	0.82				145.0	1221	10400		
YKK6302-8	800	59.5		94.7					151.0	1357	10800		
YKK6303-8	900	66.8		94.8					166.0	1505	11200		
YKK5003-10	220	19.2	594	91.9	0.72				5.5	6.0	38.0	698	5760
YKK5004-10	250	21.8		92.1	0.74						39.3	775	5930
YKK5005-10	280	23.7		92.4							40.0	865	6120
YKK5601-10	315	26.5		92.6	0.75						78.0	1014	7350
YKK5602-10	355	29.4		92.8							83.0	1131	7500
YKK5603-10	400	33.1		93.0		87.0	1261	7850					
YKK5604-10	450	36.7		93.2	0.76	92.0	1403	8100					
YKK5605-10	500	40.1		93.4	0.77	97.0	1544	8300					
YKK6301-10	560	44.3	594	93.5	0.78	153.0	1710	10600					
YKK6302-10	630	49.8		93.7		162.0	1902	11000					
YKK6303-10	710	56.0		93.9		169.0	2116	11400					
YKK6304-10	800	61.2		94.3		0.80	178.0	2355	11800				
YKK5601-12	220	19.2	495	91.8	0.72	6.0	6.0	88.0	1135	7350			
YKK5602-12	250	21.8		92.0				97.0	1210	7500			
YKK5603-12	280	24.2		92.1				100.0	1418	7850			
YKK5604-12	315	27.4		92.3				108	1580	8100			
YKK5605-12	355	30.4		92.5	0.73			115	1763	8300			

Renewal table 6 YKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Blocking torque /rated torque	Blocking current /rated current	rotary inertia		Weight
									Motor Jim (kg · m ²)	Allowable load J (kg · m ²)	YKK
YKK6301-12	400	34.1	495	92.7	0.73	1.8	0.7	6.0	139	1967	10600
YKK6302-12	450	38.3		92.9					156	2190	11000
YKK6303-12	500	42.4		93.2					172	2411	11400
YKK6304-12	560	46.7		93.5					180	2672	11800

7. YR series (10KV)

Table 7 YR series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)	
YR4501-4	315	23.4	1490	92.5	0.84	1.8	454	423	
YR4502-4	355	26.3		92.8			507	426	
YR4503-4	400	29.2		93.1	0.85		553	438	
YR4504-4	450	32.8		93.3			577	472	
YR4505-4	500	36.3		93.6			634	475	
YR4506-4	560	40.6		93.8			674	500	
YR5001-4	630	45.4	1490	94.2	0.85	1.8	641	590	
YR5002-4	710	51.0	1485	94.6			660	647	
YR5003-4	800	56.7		94.7	0.86		701	688	
YR5004-4	900	63.7		94.8			722	754	
YR5005-4	1000	70.7		94.9			795	760	
YR5601-4	1120	78.2	1490	95.1	0.87		1.8	938	714
YR5602-4	1250	87.1		95.2		1018		734	
YR5603-4	1400	97.5		95.3		1112		753	
YR6301-4	1600	110.0	1490	95.4		0.88		1167	827
YR6302-4	1800	123.7		95.5				1285	844
YR6303-4	2000	137.3		95.6				1429	842
YR4501-6	220	17.1		985	91.6		0.81	1.8	393
YR4502-6	250	19.4	91.9		419	362			
YR4503-6	280	21.6	92.2		450	377			
YR4504-6	315	24.3	990	92.4	0.81	509			375
YR4505-6	355	27.3	985	92.6		552			389
YR5606-6	400	30.7		92.8		602			401
YR5001-6	450	34.5	990	93.1	0.81	1.8	812	332	
YR5002-6	500	38.2		93.4			849	353	
YR5003-6	560	42.6		93.6			909	369	
YR5004-6	630	47.3	985	93.8			0.82	939	404
YR5005-6	710	53.2	990	94.0				1060	400

Renewal table 7 YR series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YR5601-6	800	58.3	990	94.3	0.84	1.8	844	570
YR5602-6	900	65.5		94.5			906	600
YR5603-6	1000	71.7		94.7	0.85		973	618
YR5604-6	1120	80.2		94.9			1055	638
YR6301-6	1250	89.3	990	95.1	0.85	1.8	1056	703
YR6302-6	1400	99.8		95.3			1154	722
YR6303-6	1600	113.9		95.4			1272	751
YR5001-8	280	23.4	740	92.2	0.75	1.8	579	291
YR5002-8	315	26.4		92.3			639	295
YR5003-8	355	29.4		92.5			677	314
YR5004-8	400	33.2		92.8	719		333	
YR5005-8	450	36.2		93.1	0.77		734	369
YR5006-8	500	40.2		93.3			785	382
YR5601-8	560	43.7	745	93.6	0.79	1.8	879	379
YR5602-8	630	49.1		93.8			944	398
YR5603-8	710	55.2		94.0			1016	417
YR5604-8	800	62.1		94.2			1102	434
YR6301-8	900	67.1	740	94.4	0.82	1.8	1056	506
YR6302-8	1000	74.4		94.6			1152	515
YR6303-8	1120	83.2		94.8			1268	523
YR5001-10	200	17.7	595	90.8	0.72	1.8	572	209
YR5002-10	220	19.4		91.1			604	218
YR5003-10	250	21.9		91.4			641	233
YR5004-10	280	24.5		91.7			682	246
YR5005-10	315	27.4		92.1			727	259
YR5006-10	355	30.9		92.2			779	272

Renewal table 7 YR series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YR5601-10	400	33.8	595	92.4	0.74	1.8	734	329
YR5602-10	450	37.3		92.8	0.75		787	344
YR5603-10	500	41.4		93.0			848	355
YR5604-10	560	45.6		93.2	0.76		919	367
YR5605-10	630	51.2		93.4			1003	379
YR6301-10	710	56.1	595	93.7	0.78	1.8	965	439
YR6302-10	800	63.1		93.8			1054	453
YR6303-10	900	70.9		93.9			1159	462
YR6304-10	1000	78.7		94.1			1289	462
YR5601-12	280	24.6	495	91.4	0.72	1.8	683	244
YR5602-12	315	27.6		91.5			726	257
YR5603-12	355	31.1		91.6			776	272
YR5604-12	400	34.9		91.8			832	286
YR5605-12	450	39.1		92.2			895	298
YR6301-12	500	42.8	495	92.4	0.73	1.8	856	345
YR6302-12	560	47.1		92.8	0.74		928	357
YR6303-12	630	52.8		93.1			1012	368
YR6304-12	710	59.3		93.4			1116	377

8. YRKK series 10KV

Table 8 YRKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK4501-4	280	21.5	1485	91.9	0.82	1.8	506	333
YRKK4502-4	315	23.8		92.1	0.83		553	342
YRKK4503-4	355	26.8		92.3			576	369
YRKK4504-4	400	30.1		92.5			633	377
YRKK4505-4	450	33.8		92.6			674	398
YRKK5001-4	500	37.9	1490	92.6	0.82	1.8	640	473
YRKK5002-4	560	41.3		92.8	0.84		660	514
YRKK5003-4	630	45.8		93.0	0.85		700	544
YRKK5004-4	710	50.9		93.3	0.86		721	595
YRKK5005-4	800	57.1		93.4			794	608
YRKK5601-4	900	64.6	1490	93.5	0.86	1.8	937	569
YRKK5602-4	1000	71.6		93.7			1018	583
YRKK5603-4	1120	80.1		93.8			1111	598
YRKK6301-4	1250	87.2	1480	94.0	0.88	1.8	1168	644
YRKK6302-4	1400	97.6		94.1			1286	655
YRKK6303-4	1600	111.2		94.4			1430	672
YRKK4501-6	220	17.3	990	91.6	0.80	1.8	449	294
YRKK4502-6	250	19.6		91.8			508	295
YRKK4503-6	280	22.0		92.0			551	304
YRKK4504-6	315	24.7		92.2			601	313
YRKK5001-6	355	28.1	990	92.4	0.79	1.8	809	264
YRKK5002-6	400	31.2		92.6	0.80		846	284
YRKK5003-6	450	35.0		92.8			906	298
YRKK5004-6	500	38.8		93.0			934	321
YRKK5005-6	560	43.3		93.2			1055	316
YRKK5601-6	630	47.4	990	93.5	0.82	1.8	842	443
YRKK5602-6	710	53.4		93.7			905	465
YRKK5603-6	800	59.4		93.8			971	486
YRKK5604-6	900	66.7		93.9			1053	505

Renewal table 8 YRKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cosφ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK6301-6	1000	73.1	985	94.0	0.84	1.8	1062	562
YRKK6302-6	1120	81.7		94.2			1160	577
YRKK6303-6	1250	90.9		94.5			1271	583
YRKK5001-8	220	19.8	745	91.6	0.71	1.8	577	231
YRKK5002-8	250	22.4		91.9	638		237	
YRKK5003-8	280	24.3		92.1	0.73		677	250
YRKK5004-8	315	27.2		92.4	718		263	
YRKK5005-8	355	29.3	740	92.6	0.76	733	291	
YRKK5006-8	400	32.9		92.8		784	305	
YRKK5601-8	450	36.2	745	93.1	0.77	1.8	878	302
YRKK5602-8	500	40.2		93.3			942	313
YRKK5603-8	560	44.9		93.5			1014	325
YRKK5604-8	630	50.5		93.6			1101	337
YRKK6301-8	710	53.4	740	93.7	0.82	1.8	1059	398
YRKK6302-8	800	60.0		93.8			1152	409
YRKK6303-8	900	67.4		94.0			1268	418
YRKK5001-10	220	19.9	595	90.8	0.70	1.8	681	194
YRKK5002-10	250	21.9		91.0	727		206	
YRKK5003-10	280	24.5		91.3	0.72		779	214
YRKK5004-10	315	26.9		91.5	860		240	
YRKK5601-10	355	29.4	595	91.7	0.76	1.8	785	269
YRKK5602-10	400	33.1		91.8			847	281
YRKK5603-10	450	37.2		92.0			918	292
YRKK5604-10	500	41.1		92.3			1002	296
YRKK6301-10	560	44.7	590	92.8	0.78	1.8	960	344
YRKK6302-10	630	50.1		93.0			1048	354
YRKK6303-10	710	56.4		93.1			1153	362
YRKK6304-10	800	63.5		93.2			1282	367

Renewal table 8 YRKK series (10KV) motor technical data

Model	Rated power (kW)	Stator current (A)	Rated speed (r/min)	Efficiency (%)	Power factor (cos ϕ)	Max torque /rated torque	Rotor voltage (V)	Rotor current (A)
YRKK5601-12	220	21.0	495	90.6	0.67	1.8	683	191
YRKK5602-12	250	23.7		90.8			726	203
YRKK5603-12	280	25.8		91.0	0.69		775	213
YRKK5604-12	315	28.9		91.2			832	223
YRKK5605-12	355	32.5		91.4			894	233
YRKK6301-12	400	34.5	495	91.6	0.73	1.8	858	275
YRKK6302-12	450	38.2		91.8	0.74		929	285
YRKK6303-12	500	41.8		92.0	0.75		1015	290
YRKK6304-12	560	46.8		92.2			1117	295