

YR. YRKS. YRKK SERIES

**H355-630 MEDIUM SIZE HIGH VOLTAGE THREE-PHASE ASYNCHRONOUS
WOUND-ROTOR MOTORS**



YR Series



YRKS Series



YRKK Series

1. General description

YR series medium-sized 6kV wound rotor three-phase asynchronous motor is a new series of products that our company introduces and digests the advanced technology of WESTING-HOUSE Company and combines decades of motor manufacturing experience of our company. It is the replacement product of JR old series.

YR series medium-sized 10kV wound rotor three-phase asynchronous motor is another series of products carefully built by our company on the basis of the successful development of medium-sized 6kV wound rotor three-phase asynchronous motor. This series of motors can be directly used in 10kV power grid. Compared with the 6kV motor, it has the advantages of simplified equipment, reliable operation, investment saving and energy consumption reduction.

2. Structure specification

YR series motor's rotor winding adopt copper conductors with the insulation material whose insulation class is F. The welding between the windings, the lend-out copper conductors and windings all adopt silver-copper-welding to ensure the motor running reliably.

YR series motor has the box-type construction, which was made up of steel plate welded with lightweight and good stiffness. On top of the motor is the protective cover, convenient to maintenance and replacement. The stator adopts the press construction; the winding with class F insulation and VPI impregnating, which ensure the reliable of the insulation, the mechanical stress and the capable of resistant humidity. The basically protection class is IP23; IP54 motor can be supplied according to requirement.

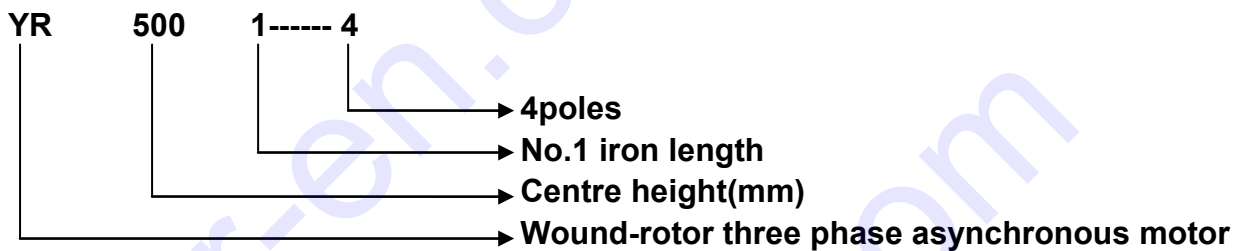
The stator coil is buried with the temperature measuring component, and the change of the coil temperature is observed. The specification of the temperature measuring component can be determined according to user requirements.

If you need to add a heater inside the motor, you must specify it when ordering.

The motor terminal cable is generally in the lower part of the motor, and the terminal cable can also be designed according to customer requirements and must be installed on the wall of the machine base.

3. The Implication of the symbol

Example:



4.Details

YR SERIES

- Frame sizes: 355-630
 - Insulation class: F
 - Enclosure: IC01 (self-ventilated)
 - Rotor: wound rotor with collector rings
- Rated output: 220-2500kW
Degree of protection: IP23
Mounting: Horizontal
Voltage: 6Kv, 10Kv

Features: High efficiency, energy saving, low vibration, small size, light weight, reliable performance and easy installation and maintenance. The frame is made of steel plate being welded up into form of square tank shape with light weight and firm rigidity. Stator is an outer-press-assembly structure. The stator winding is F grade insulation at the winding's end part being firm banded. The whole stator and rotor has been treated with VPI technology to make stator and rotor with insulation and moisture resistance. Silver brazing is used between rotor coils and between copper strip and coils to ensure the reliability of motor operation.

Applications: Ideal for driving all kinds of general machinery, such as rolling mill, winch, water pump, fan, compressor, ball mill and etc.

YRKS SERIES

- Frame sizes: 355-630
 - Insulation class: F
 - Enclosure: IC81W(Air-water heat exchanger)
 - Voltage: 6Kv, 10Kv
- Rated output: 220-2500kW
Degree of protection: IP54 / IP55
Rotor: Wound rotor with collector rings
Mounting: Horizontal

Features: High efficiency, energy saving, low vibration, small size, light weight, reliable performance and easy installation and maintenance. The frame is made of steel plate being welded up into form of square tank shape with light weight and firm rigidity. Stator is an outer-press-assembly structure. The stator winding is F grade insulation at the winding's end part being firm banded. The whole stator and rotor has been treated with VPI technology to make stator and rotor with insulation and moisture resistance. Silver brazing is used between rotor coils and between copper strip and coils to ensure the reliability of motor operation.

Applications: Ideal for driving all kinds of general machinery, such as water pump, fan, compressor, ball mill and etc.

YRKK SERIES

- Frame sizes: 355-630
 - Insulation class: F
 - Enclosure: IC611(Air-air heat exchanger)
 - Voltage: 6Kv, 10Kv
- Rated output: 185-2000kW
Degree of protection: IP54 / IP55
Rotor: wound-rotor with collector rings
Mounting: Horizontal

Features: This motor can be processed by the anticorrosion anti-mould-proof process to derive outdoor (W) and outdoor corrosion protection (WF) motors. High efficiency, energy saving, low vibration, small size, light weight, reliable performance and easy installation and maintenance. The frame is made of steel plate being welded up into form of square tank shape with light weight and firm rigidity. Stator is an outer-press-assembly structure. The stator winding is F grade insulation at the winding's end part being firm banded. The whole stator and rotor has been treated with VPI technology to make stator and rotor with insulation and moisture resistance. Silver brazing is used between rotor coils and between copper strip and coils to ensure the reliability of motor operation.

Applications: Ideal for driving all kinds of general machinery, such as water pump, fan, compressor, crusher and

etc.

YR/YRKS series motor model composition (6kV)

Frame		Synchronous speed r/min				
		1500	1000	750	600	500
		Output kW				
355	1	220	—	—	—	—
	2	250				
	3	280				
400	1	315	220	—	—	—
	2	355	250	—		
	3	400	280	220		
	4	450	315	250		
	5	500	355	280		
450	1	560	400	315	220	—
	2	630	450	355	250	—
	3	710	500	400	280	—
	4	800	560	450	315	220
	5	—	—	—	355	250
500	1	900	630	500	400	280
	2	1000	710	560	450	315
	3	1120	800	630	500	355
	4	1250	900	710	560	400
560	1	1400	1000	800	630	450
	2	1600	1120	900	710	500
	3	1800	1250	1000	800	560
	4	—	—	—	—	630
630	1	2000	1400	1120	900	710
	2	2240	1600	1250	1000	800
	3	2500	1800	1400	1120	900
	4	—	—	1600 ⁽¹⁾	1250 ⁽¹⁾	1000 ⁽¹⁾

Note: mark of (1) also suits for frame H710.

YRKK series motor model composition (6kV)

Frame		Synchronous speed r/min				
		1500	1000	750	600	500
		Output kW				
355	1	185	—	—	—	—
	2	200				
	3	220				
400	1	250	185	—	—	—
	2	280	200	—		
	3	315	220	—		
	4	355	250	185		
	5	400	280	200		
450	1	450	315	220	185	
	2	500	355	250	200	
	3	560	400	280	220	185
	4	630	450	315	250	200
500	1	710	500	355	280	220
	2	800	560	400	315	250
	3	900	630	450	355	280
	4	1000	710	500	400	315
560	1	—	—	560	450	—
	2	1120	800	630	500	355
	3	1250	900	710	560	400
	4	1400	1000	800	630	450
630	1	1600	1120	900	710	500
	2	1800	1250	1000	800	560
	3	2000	1400	1120	900	630
	4	—	—	1250	1000	710

Note: All data subject to change without notice.

YR/YRKS series motor model composition (10kV)

Frame		Synchronous speed r/min				
		1500	1000	750	600	500
		Output kW				
450	1	315	—	—	—	—
	2	355	—			
	3	400	280			
	4	450	315			
	5	500	355			
	6	560	400			
500	1	630	450	280	—	—
	2	710	500	315	—	
	3	800	560	355	250	
	4	900	630	400	280	
	5	1000	710	450	315	
	6	—	—	500	355	
560	1	1120	800	560	400	280
	2	1250	900	630	450	315
	3	1400	1000	710	500	355
	4	—	1120	800	560	400
	5	—	—	—	630	450
630	1	1600	1250	900	710	500
	2	1800	1400	1000	800	560
	3	2000	1600	1120	900	630
	4	—	—	—	1000	710

YRKK series motor model composition (10kV)

Frame		Synchronous speed r/min				
		1500	1000	750	600	500
		Output kW				
450	1	250	220	—	—	—
	2	280	250			
	3	315	280			
	4	355	315			
	5	400	355			
	6	450	(400)			
500	1	500	400	220	—	—
	2	560	450	250	—	
	3	630	500	280	220	
	4	710	560	315	250	
	5	800	(630)	355	280	
	6	—	—	400	315	
560	1	900	630	450	355	220
	2	1000	710	500	400	250
	3	1120	800	560	450	280
	4	—	900	630	500	315
	5	—	—	710	(560)	355
630	1	1250	1000	800	560	400
	2	1400	1120	900	630	450
	3	1600	1250	1000	710	500
	4	—	—	—	800	560

Note: All data subject to change without notice.

YR(IP23) /YRKS(IP54) series technical data (6kV)

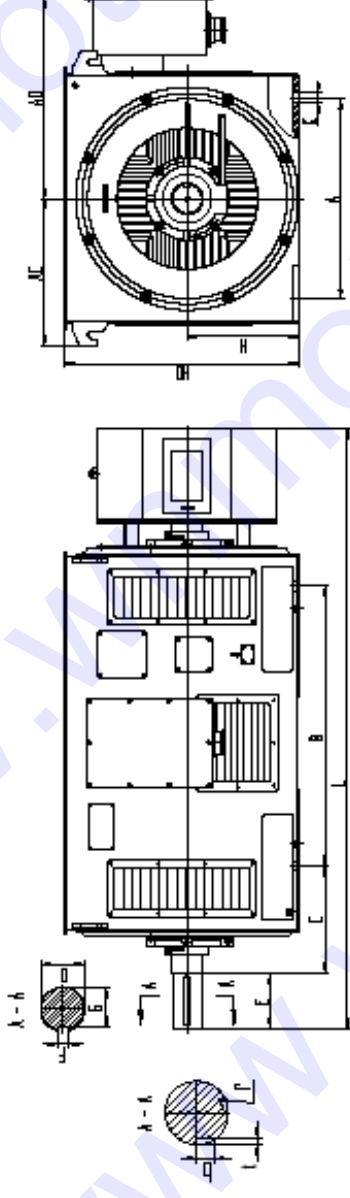
Model	Rated Output kW	Stator current A	RPM	Eff. %	Power Factor Cos Φ	BDT FLT Tm Tn	Rotor Voltage	Rotor current A	Inertia movement J m (kg.m ²)	WGT (kg)	
										YR	YRKS
YR355 1-4	220	27.5	1490	92.7	0.83	1.8	284	489	5	1940	2300
YR355 2-4	250	30.8	1490	93.0	0.84	1.8	303	521	5	1980	2340
YR355 3-4	280	34.5	1490	93.1	0.84	1.8	334	526	6	2040	2400
YR400 1-4	315	38.3	1490	93.2	0.85	1.8	362	543	8	2500	2960
YR400 2-4	355	43.1	1490	93.3	0.85	1.8	392	564	9	2580	3040
YR400 3-4	400	48.4	1490	93.5	0.85	1.8	428	581	10	2670	3130
YR400 4-4	450	54.4	1490	93.7	0.85	1.8	458	612	10	2770	3230
YR400 5-4	500	60.3	1490	93.9	0.85	1.8	509	609	11	2870	3330
YR450 1-4	560	67.3	1490	94.2	0.85	1.8	713	487	16	3480	4010
YR450 2-4	630	74.6	1490	94.5	0.86	1.8	792	491	17	3570	4100
YR450 3-4	710	84.0	1490	94.6	0.86	1.8	867	505	18	3700	4230
YR450 4-4	800	93.4	1490	94.7	0.87	1.8	1020	480	21	3950	4480
YR500 1-4	900	105.0	1490	94.8	0.87	1.8	799	693	33	4560	5200
YR500 2-4	1000	116.6	1490	94.9	0.87	1.8	872	703	36	4730	5370
YR500 3-4	1120	130.4	1490	95.0	0.87	1.8	983	697	41	5060	5700
YR500 4-4	1250	145.4	1490	95.1	0.87	1.8	1090	699	44	5240	5880
YR560 1-4	1400	162.7	1490	95.2	0.87	1.8	1275	672	82	6770	7560
YR560 2-4	1600	185.7	1490	95.3	0.87	1.8	1400	697	87	7000	7790
YR560 3-4	1800	208.7	1490	95.4	0.87	1.8	1558	704	96	7200	7990
YR630 1-4	2000	231.6	1490	95.5	0.87	1.8	1600	758	113	9160	9880
YR630 2-4	2240	259.2	1490	95.6	0.87	1.8	1755	776	124	9560	10280
YR630 3-4	2500	288.9	1490	95.7	0.87	1.8	2000	754	132	9780	10500
YR400 1-6	220	28.3	990	92.5	0.81	1.8	289	480	13	2490	2950
YR400 2-6	250	31.6	990	92.7	0.82	1.8	310	509	14	2530	2990
YR400 3-6	280	35.4	990	92.8	0.82	1.8	334	529	15	2590	3050
YR400 4-6	315	39.7	990	93.0	0.82	1.8	362	549	16	2680	3140
YR400 5-6	355	44.7	990	93.2	0.82	1.8	395	566	18	2780	3240
YR450 1-6	400	49.6	990	93.5	0.83	1.8	662	379	21	3340	3970
YR450 2-6	450	55.1	990	93.6	0.84	1.8	728	387	22	3530	4060
YR450 3-6	500	61.1	990	93.8	0.84	1.8	809	385	24	3640	4170
YR450 4-6	560	68.2	990	94.0	0.84	1.8	912	382	28	3890	4420
YR500 1-6	630	75.6	990	94.3	0.85	1.8	849	461	44	4470	5110
YR500 2-6	710	85.1	990	94.5	0.85	1.8	917	481	48	4630	5270
YR500 3-6	800	95.6	990	94.7	0.85	1.8	1049	472	55	4950	5590
YR500 4-6	900	107.5	990	94.8	0.85	1.8	1156	481	59	5090	5730
YR560 1-6	1000	119.2	990	95.0	0.85	1.8	1130	544	100	6550	7340
YR560 2-6	1120	133.3	990	95.1	0.85	1.8	1225	562	107	6830	7620
YR560 3-6	1250	148.6	990	95.2	0.85	1.8	1340	574	117	6970	7760
YR630 1-6	1400	166.3	990	95.3	0.85	1.8	1470	679	158	8860	9580
YR630 2-6	1600	188.9	990	95.4	0.85	1.8	1640	595	175	9290	10010
YR630 3-6	1800	213.4	990	95.5	0.85	1.8	1795	612	186	9500	10220
YR400 3-8	220	29.4	740	92.2	0.78	1.8	432	325	16	2670	3130
YR400 4-8	250	33.4	740	92.3	0.78	1.8	464	346	18	2750	3210
YR400 5-8	280	36.9	740	92.5	0.79	1.8	500	360	19	2840	3300

YR(IP23) /YRKS(IP54) series technical data (6kV).

Model	Rated Output kW	Stator current A	RPM	Eff. %	Power Factor Cos Φ	BDT FLT $\frac{T_m}{T_n}$	Rotor Voltage	Rotor current A	Inertia movement J m (kg.m ²)	WGT (kg)	
										YR	YRKS
YR450 1-8	315	40.9	740	92.6	0.80	1.8	572	351	23	3520	4050
YR450 2-8	355	46.1	740	92.7	0.80	1.8	621	365	24	3600	4130
YR450 3-8	400	51.7	740	93.0	0.80	1.8	678	378	26	3740	4270
YR450 4-8	450	57.4	740	93.2	0.81	1.8	746	385	28	3860	4390
YR500 1-8	500	63.5	740	93.5	0.81	1.8	682	465	40	4320	4960
YR500 2-8	560	71.0	740	93.7	0.81	1.8	753	473	47	4580	5220
YR500 3-8	630	79.7	740	93.9	0.81	1.8	837	477	51	4770	5410
YR500 4-8	710	89.7	740	94.0	0.81	1.8	943	477	58	5060	5700
YR560 1-8	800	100.9	740	94.2	0.81	1.8	880	573	121	6310	7100
YR560 2-8	900	113.4	740	94.3	0.81	1.8	996	568	128	6510	7300
YR560 3-8	1000	125.8	740	94.4	0.81	1.8	1140	548	141	6780	7570
YR630 1-8	1120	140.8	740	94.5	0.81	1.8	1266	548	164	8600	9320
YR630 2-8	1250	157.0	740	94.6	0.81	1.8	1380	560	175	8830	9550
YR630 3-8	1400	175.6	740	94.7	0.81	1.8	1516	569	183	9140	9860
YR630 4-8	1600	200.5	740	94.8	0.81	1.8	1682	584	195	9490	10210
YR450 1-10	220	30.4	590	90.3	0.77	1.8	534	264	27	3320	3850
YR450 2-10	250	34.5	590	90.5	0.77	1.8	575	280	29	3410	3940
YR450 3-10	280	37.6	590	91.8	0.78	1.8	625	288	32	3500	4030
YR450 4-10	315	42.3	590	91.9	0.78	1.8	681	297	34	3610	4140
YR450 5-10	355	47.6	590	92.1	0.78	1.8	749	304	37	3720	4250
YR500 1-10	400	53.2	590	92.8	0.78	1.8	677	376	57	4370	5010
YR500 2-10	450	59.6	590	93.1	0.78	1.8	744	384	62	4530	5170
YR500 3-10	500	65.3	590	93.3	0.79	1.8	827	382	67	4680	5320
YR500 4-10	560	73.0	590	93.5	0.79	1.8	932	379	77	5030	5670
YR560 1-10	630	81.0	590	93.6	0.80	1.8	1068	369	113	6210	7000
YR560 2-10	710	91.1	590	93.7	0.80	1.8	1159	388	125	6370	7160
YR560 3-10	800	102.6	590	93.8	0.80	1.8	1255	404	132	6510	7300
YR630 1-10	900	115.3	590	93.9	0.80	1.8	1255	448	153	8320	9040
YR630 2-10	1000	127.8	590	94.1	0.80	1.8	1370	456	166	8710	9430
YR630 3-10	1120	143.0	590	94.2	0.80	1.8	1510	464	182	9030	9750
YR630 4-10	1250	159.4	590	94.3	0.80	1.8	1668	465	196	9240	9960
YR450 4-12	220	32.2	490	90.4	0.72	1.8	519	279	33	3600	4130
YR450 5-12	250	36.5	490	91.5	0.72	1.8	590	275	36	3720	4250
YR500 1-12	280	40.3	490	91.7	0.73	1.8	552	326	53	4290	4930
YR500 2-12	315	44.5	490	92.0	0.74	1.8	593	343	58	4380	5020
YR500 3-12	355	49.5	490	92.1	0.75	1.8	639	360	62	4430	5070
YR500 4-12	400	55.6	490	92.3	0.75	1.8	694	375	67	4590	5230
YR560 1-12	450	60.8	490	92.5	0.77	1.8	770	372	128	5580	6670
YR560 2-12	500	67.4	490	92.7	0.77	1.8	845	375	137	6040	6830
YR560 3-12	560	75.4	490	92.8	0.77	1.8	942	377	152	6260	7050
YR560 4-12	630	84.7	490	92.9	0.77	1.8	1060	376	169	6410	7200
YR630 1-12	710	95.4	490	93.0	0.77	1.8	1032	429	204	8000	8720
YR630 2-12	800	107.4	490	93.1	0.77	1.8	1120	446	222	8260	8980
YR630 3-12	900	120.7	490	93.2	0.77	1.8	1223	460	244	8560	9280
YR630 4-12	1000	128.9	490	93.3	0.77	1.8	1342	464	256	8760	9480

Note: These property data shown in table which in correspondence with these guaranteed values are shown in the additive table.

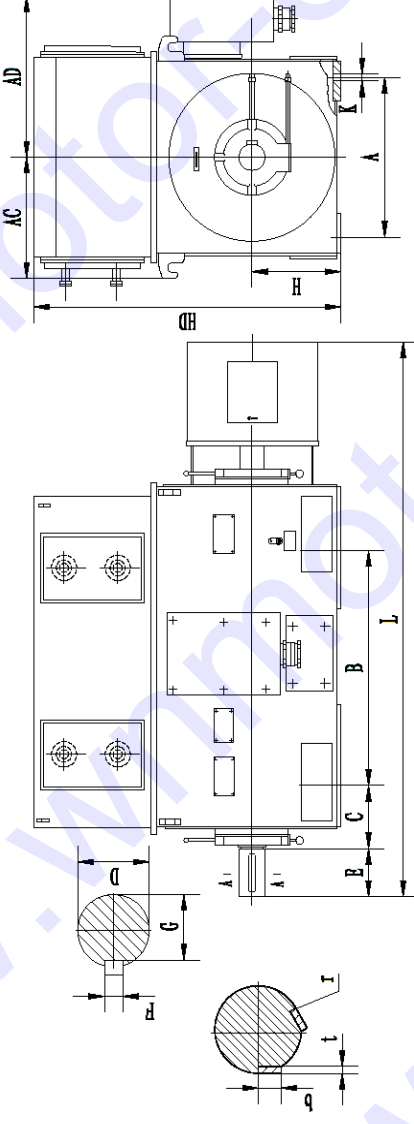
YR series (6 kV) medium type asynchronous motor overall and mounting dimensions figure (mm)



Frame	Poles	Mounting dimension and tolerance											Overall dimension (limit)				
		A	B	C ⁽³⁾	D	E	F	G	t	b	r	H	K	AC	AD	HD	L
355	4	630 ± 1.4	900 ± 1.4	315 ± 4.0	100 ^{+0.035 +0.013}	210 ± 0.57	28 ^{-0.062 0}	90 ^{-0.2 0}	—	—	—	355 ^{-1.0 0}	28 ^{+0.62 0}	550	760	750	2400
400	4-8	710 ± 1.75	1000 ± 1.75	355 ± 4.0	110 ^{+0.035 +0.013}			100 ^{-0.2 0}	—	—	—	—		400 ^{-1.0 0}	575	820	850
450	4	800 ± 1.75	1120 ± 1.75	355 ± 4.0	120 ^{+0.035 +0.013}	250 ± 0.57	32 ^{-0.062 0}	109 ^{-0.2 0}	—	—	—	450 ^{-1.0 0}	35 ^{+0.62 0}	600	850	950	2640
450	6-12				130 ^{+0.040 +0.015}			119 ^{-0.2 0}	—	—	—	—		600	850	950	2640
500	4	900 ± 2.1	1250 ± 2.1	475 ± 4.0	140 ^{+0.040 +0.015}	250 ± 0.57	36 ^{-0.062 0}	128 ^{-0.2 0}	—	—	—	500 ^{-1.0 0}	42 ^{+0.62 0}	660	900	1050	2920
500	6-12								150 ^{+0.040 +0.015}	—	—	—		—	—	660	900
560	4	1000 ± 2.1	1400 ± 2.1 ⁽¹⁾	500 ± 4.0	160 ^{+0.040 +0.015}	300 ± 0.65	—	—	11.4 ^{+0.2 0}	39.7	0.7	1.0	48 ^{+0.62 0}	800	1210	1200	3200
560	6-12		1600 ± 2.1					170 ^{+0.040 +0.015}	—	—	42.8	0.7		1.0	800	1210	1200
630	4	1120 ± 2.1	1600 ± 2.1 ⁽²⁾	530 ± 4.0	180 ^{+0.040 +0.015}	300 ± 0.65	—	—	12.4 ^{+0.3 0}	44.2	0.7	1.0	48 ^{+0.62 0}	860	1260	1350	3560
630	6-12		1800 ± 2.1					—	—	—	45.6	0.7		1.0	860	1260	1350

Note: (1) 1400 is the value when the collector ring is placed outside the bearing; 1600 is the value when the collector ring is placed inside the bearing; (2) 1600 is the value when the collector ring is placed outside the bearing; 1800 is the value when the collector ring is placed inside the bearing. (3) When a plain bearing is used, the deviation does not include the amount of axial movement.

YRKS series (6 kV) medium type asynchronous motor overall and mounting dimensions figure (mm)



Frame	Poles	Mounting dimension and tolerance											Overall dimension(limit)				
		A	B	C ⁽³⁾	D	E	F	G	t	b	r	H	K	AC	AD	HD	L
355	4	630 ± 1.4	900 ± 1.4	315 ± 4.0	100 ^{+0.035 +0.013}	210 ± 0.57	28 ^{-0.062 0}	90 ^{-0.2 0}	—	—	—	355 ^{-1.0 0}	28 ^{+0.62 0}	550	760	1500	2400
400	4-8	710 ± 1.75	1000 ± 1.75	355 ± 4.0	110 ^{+0.035 +0.013}			100 ^{-0.2 0}	—	—	—	—		400 ^{-1.0 0}	575	820	1700
450	4	800 ± 1.75	1120 ± 1.75	355 ± 4.0	120 ^{+0.035 +0.013}	250 ± 0.57	32 ^{-0.062 0}	109 ^{-0.2 0}	—	—	—	35 ^{+0.62 0}	600	850	1900	2640	
450	6-12				130 ^{+0.040 +0.015}			119 ^{-0.2 0}	—	—	—		—	600	850	1900	2640
500	4	900 ± 2.1	1250 ± 2.1	475 ± 4.0	140 ^{+0.040 +0.015}	250 ± 0.57	36 ^{-0.062 0}	128 ^{-0.2 0}	—	—	—	42 ^{+0.62 0}	660	920	2200	2920	
500	6-12							150 ^{+0.040 +0.015}	128 ^{-0.2 0}	—	—		—	—	660	920	2200
560	4	1000 ± 2.1	1400 ± 2.1 ⁽¹⁾	500 ± 4.0	150 ^{+0.040 +0.015}	300 ± 0.65	—	—	11.4 ^{+0.2 0}	39.7	0.7	1.0	800	1210	2400	3200	
560	6-12		1600 ± 2.1		160 ^{+0.040 +0.015}				—	—	42.8	0.7	1.0	560 ^{-1.0 0}	800	1210	2400
630	4	1120 ± 2.1	1600 ± 2.1 ⁽²⁾	530 ± 4.0	170 ^{+0.040 +0.015}	300 ± 0.65	—	—	12.4 ^{+0.3 0}	44.2	0.7	1.0	48 ^{+0.62 0}	860	1260	2700	3560
630	6-12		1800 ± 2.1		180 ^{+0.040 +0.015}					—	—	45.6		0.7	1.0	860	1260

Note: (1) 1400 is the value when the collector ring is placed outside the bearing; 1600 is the value when the collector ring is placed inside the bearing; (2) 1600 is the value when the collector ring is placed outside the bearing; 1800 is the value when the collector ring is placed inside the bearing. (3) When a plain bearing is used, the deviation does not include the amount of axial movement.

Note: (1) 1400 is the value when the collector ring is placed outside the bearing; 1600 is the value when the collector ring is placed inside the bearing; (2) 1600 is the value when the collector ring is placed outside the bearing; 1800 is the value when the collector ring is placed inside the bearing. (3) When a plain bearing is used, the deviation does not include the amount of axial movement.

YRKK(IP44)/(IP54) series technical data (6kV)

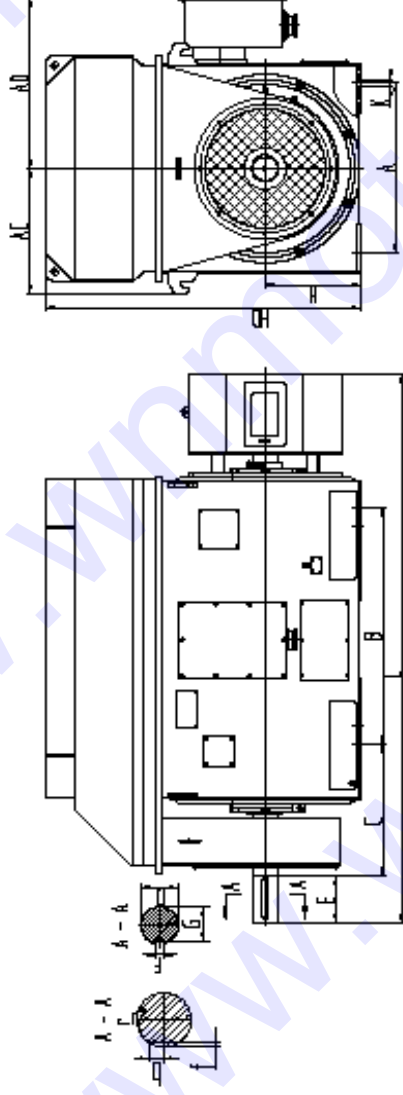
Model	Rated Output kW	Stator current A	RPM	Eff. (%)	Power Factor Cos Φ	BDT FLT $\frac{T_m}{T_n}$	Rotor Voltage V	Rotor current A	Inertia movement J m (kg.m ²)	WGT (kg)
YRKK355 1-4	185	23.3	1490	92.0	0.83	1.8	267	438	5	1960
YRKK355 2-4	200	25.1	1490	92.2	0.83	1.8	286	439	5	2030
YRKK355 3-4	220	27.6	1490	92.4	0.83	1.8	306	452	6	2070
YRKK400 1-4	250	30.9	1490	92.7	0.84	1.8	337	465	8	2540
YRKK400 2-4	280	34.6	1490	92.8	0.84	1.8	362	484	8	2600
YRKK400 3-4	315	38.8	1490	92.9	0.84	1.8	392	501	9	2670
YRKK400 4-4	355	43.7	1490	93.0	0.84	1.8	428	516	10	2800
YRKK400 5-4	400	49.2	1490	93.2	0.84	1.8	458	544	11	2890
YRKK450 1-4	450	54.5	1490	93.4	0.85	1.8	648	433	15	3530
YRKK450 2-4	500	60.5	1490	93.6	0.85	1.8	713	435	16	3610
YRKK450 3-4	560	67.5	1490	93.9	0.85	1.8	792	437	17	3730
YRKK450 4-4	630	75.7	1490	94.2	0.85	1.8	866	448	18	3860
YRKK500 1-4	710	84.2	1490	94.3	0.86	1.8	737	595	31	4580
YRKK500 2-4	800	94.8	1490	94.4	0.86	1.8	798	618	33	4720
YRKK500 3-4	900	106.6	1490	94.5	0.86	1.8	872	635	36	4920
YRKK500 4-4	1000	118.3	1490	94.6	0.86	1.8	982	624	41	5230
YRKK560 2-4	1120	130.8	1490	94.7	0.87	1.8	1167	591	75	7170
YRKK560 3-4	1250	145.8	1490	94.8	0.87	1.8	1275	602	82	7390
YRKK560 4-4	1400	163.2	1490	94.9	0.87	1.8	1401	612	87	7620
YRKK630 1-4	1600	186.3	1490	95.0	0.87	1.8	1440	678	106	9600
YRKK630 2-4	1800	209.4	1490	95.1	0.87	1.8	1600	685	113	9980
YRKK630 3-4	2000	232.4	1490	95.2	0.87	1.8	1800	674	124	10380
YRKK400 1-6	185	23.6	990	91.9	0.82	1.8	271	432	13	2500
YRKK400 2-6	200	25.5	990	92.1	0.82	1.8	289	437	14	2540
YRKK400 3-6	220	27.9	990	92.3	0.82	1.8	310	447	15	2650
YRKK400 4-6	250	31.7	990	92.5	0.82	1.8	334	471	16	2720
YRKK400 5-6	280	35.5	990	92.6	0.82	1.8	362	486	16	2810
YRKK450 1-6	315	39.4	990	92.8	0.83	1.8	606	326	20	3460
YRKK450 2-6	355	44.3	990	93.0	0.83	1.8	661	335	21	3560
YRKK450 3-6	400	49.7	990	93.3	0.83	1.8	727	343	22	3690
YRKK450 4-6	450	55.9	990	93.4	0.83	1.8	808	346	24	3780
YRKK500 1-6	500	61.2	990	93.6	0.84	1.8	731	427	39	4460
YRKK500 2-6	560	68.4	990	93.8	0.84	1.8	849	410	44	4600
YRKK500 3-6	630	76.7	990	94.1	0.84	1.8	916	427	48	4780
YRKK500 4-6	710	86.3	990	94.3	0.84	1.8	1049	419	55	5000
YRKK560 2-6	800	95.8	990	94.5	0.85	1.8	1050	496	91	6930
YRKK560 3-6	900	107.7	990	94.6	0.85	1.8	1130	490	100	7170
YRKK560 4-6	1000	119.4	990	94.8	0.85	1.8	1225	502	107	7450
YRKK630 1-6	1120	133.6	990	94.9	0.85	1.8	1305	528	149	9480
YRKK630 2-6	1250	149.0	990	95.0	0.85	1.8	1435	534	158	9690
YRKK630 3-6	1400	166.7	990	95.1	0.85	1.8	1595	537	175	10120
YRKK400 4-8	185	24.9	740	91.8	0.78	1.8	406	291	16	2650
YRKK440 5-8	200	26.8	740	92.0	0.78	1.8	434	294	18	2830
YRKK450 1-8	220	29.1	740	92.2	0.79	1.8	497	281	21	3560
YRKK450 2-8	250	33.0	740	92.3	0.79	1.8	533	298	23	3640
YRKK4503-8	280	36.9	740	92.5	0.79	1.8	575	310	24	3730
YRKK450 4-8	315	41.4	740	92.6	0.79	1.8	624	322	26	3890

YRKK(IP44).(IP54) series technical data (6kV)

Model	Rated Output kW	Stator current A	RPM	Eff. (%)	Power Factor Cos Φ	$\frac{BDT}{FLT} \frac{T_m}{T_n}$	Rotor Voltage V	Rotor current A	Inertia movement J m (kg.m ²)	WGT (kg)
YRKK500 1-8	355	46.1	740	92.7	0.80	1.8	579	389	38	4420
YRKK500 2-8	400	51.7	740	93.0	0.80	1.8	627	404	40	4490
YRKK500 3-8	450	58.1	740	93.1	0.80	1.8	752	374	48	4790
YRKK500 4-8	500	64.3	740	93.5	0.80	1.8	835	373	51	4950
YRKK560 1-8	560	71.0	740	93.7	0.81	1.8	796	439	110	6560
YRKK560 2-8	630	79.7	740	93.9	0.81	1.8	885	444	121	6730
YRKK560 3-8	710	89.7	740	94.0	0.81	1.8	996	443	128	6930
YRKK560 4-4	800	100.9	740	94.2	0.81	1.8	1136	434	141	7150
YRKK630 1-8	900	113.4	740	94.3	0.81	1.8	1165	476	149	9200
YRKK630 2-8	1000	125.8	740	94.4	0.81	1.8	1264	488	164	9420
YRKK630 3-8	1120	140.8	740	94.5	0.81	1.8	1380	500	175	9660
YRKK630 4-8	1250	157.0	740	94.6	0.81	1.8	1515	506	183	9970
YRKK450 1-10	185	26.1	590	90.9	0.75	1.8	533	220	27	3440
YRKK450 2-10	200	28.2	590	91.1	0.75	1.8	574	220	29	3540
YRKK450 3-10	220	30.9	590	91.3	0.75	1.8	623	222	32	3630
YRKK450 4-10	250	35.1	590	91.5	0.75	1.8	679	231	34	3770
YRKK5001-10	280	38.6	590	91.8	0.76	1.8	571	310	50	4350
YRKK500 2-10	315	43.4	590	91.9	0.76	1.8	619	322	53	4440
YRKK500 3-10	355	48.8	590	92.1	0.76	1.8	676	332	57	4540
YRKK500 4-10	400	54.6	590	92.8	0.76	1.8	744	338	62	4730
YRKK560 1-10	450	60.4	590	93.1	0.77	1.8	933	301	95	6460
YRKK560 2-10	500	67.0	590	93.3	0.77	1.8	1000	313	106	6680
YRKK560 3-10	560	74.8	590	93.5	0.77	1.8	1072	327	113	6830
YRKK560 4-10	630	84.1	590	93.6	0.77	1.8	1247	314	125	6990
YRKK630 1-10	710	93.5	590	93.7	0.78	1.8	1158	382	143	8870
YRKK630 2-10	800	105.2	590	93.8	0.78	1.8	1255	397	153	9150
YRKK630 3-10	900	118.2	590	93.9	0.78	1.8	1370	409	166	9540
YRKK630 4-10	1000	131.1	590	94.1	0.78	1.8	1508	412	182	9860
YRKK450 3-12	185	28.1	490	90.6	0.70	1.8	516	231	33	3780
YRKK450 4-12	200	30.3	490	90.8	0.70	1.8	551	237	36	3870
YRKK500 1-12	220	32.3	490	91.0	0.72	1.8	519	271	53	4450
YRKK500 2-12	250	36.6	490	91.3	0.72	1.8	555	289	58	4550
YRKK500 3-12	280	40.8	490	91.7	0.72	1.8	591	302	59	4650
YRKK500 4-12	315	45.8	490	92.0	0.72	1.8	638	316	62	4780
YRKK560 2-12	355	50.8	490	92.1	0.73	1.8	705	318	116	6500
YRKK560 3-12	400	57.1	490	92.3	0.73	1.8	770	329	128	6660
YRKK560 4-12	450	64.1	490	92.5	0.73	1.8	847	336	137	6880
YRKK630 1-12	500	69.2	490	92.7	0.75	1.8	895	348	191	8640
YRKK630 2-12	560	77.4	490	92.8	0.7	1.8	961	364	204	8830
YRKK630 3-12	630	87.0	490	92.9	0.75	1.8	1032	383	222	9145
YRKK630 4-12	710	98.0	490	93.0	0.75	1.8	1124	396	244	9390

Note : These property data shown in table which in correspondence with these guaranteed values are shown in the additive table.

YRKK series (6 kV) medium type asynchronous motor overall and mounting dimensions figure (mm)



Frame Poles		Mounting dimension and tolerance																Overall dimension(limit)										
		A		B		C ^{a、b}		D		E		F		G		f						b	r		H		K	
												basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation						basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation
355	4	630	± 1.4	900	± 1.4	560	315	100	+0.035 +0.013	210	28	0 - 0.052	90	—	—	—	—	—	—	355	28	+ 0.52 0	550	760	1500	2550		
400	4~8	710		1000		630	335	110					100	—	—	—	—	—	—	400			575	820	1700	2750		
450	4	800	± 1.75	1120	± 1.75	670	355	120			32	0 - 0.062	109	—	—	—	—	—	—	450	35		600	850	1900	3000		
	4							130		± 0.57	36		119	—	—	—	—	—	—	500	42		660	920	2200	3250		
500	6~12	900		1250		710	475	130		250			128	—	—	—	—	—	—			+ 0.62 0						
	4	1000	± 2.1	1400	± 2.1	800	500	150	+0.040 +0.015					11.4	+ 0.2 0	39.7		0.7	1.0	560	48		800	1210	2400	3850		
560	6~12							160						12.4	+ 0.3 0	42.8				630								
630	4	1120		1600		900	530	170		± 0.65		—				44.2					48		860	1260	2700	4100		
	6~12							180								45.6												

a The previous C size corresponding to the basic size is the value when the outer fan is placed at the end of the shaft.

The latter C size is the value when the outer fan is placed at the non-shaft end.

b When a plain bearing is used, the dimensional deviation does not include the amount of axial movement.

YR/YRKS series technical data (10kV)

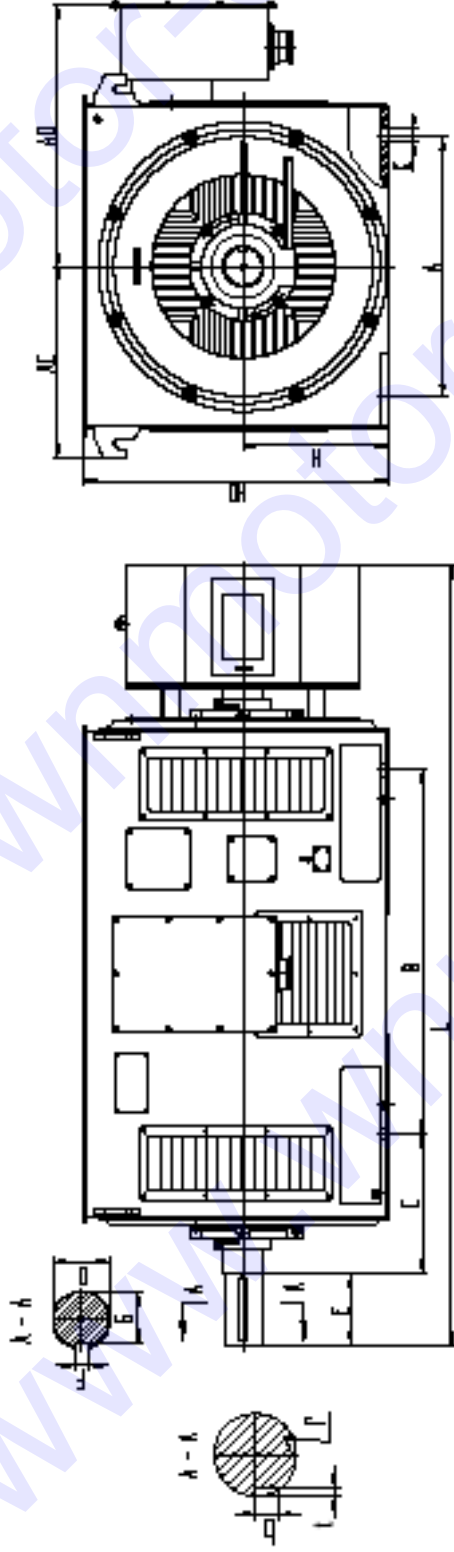
Model	Rated Output kW	Stator current A	RPM	Eff. %	Power Factor Cos Φ	$\frac{BDT}{FLT} \frac{T_m}{T_n}$	Rotor Voltage	Rotor current A	Inertia movement J m (kg.m ²)	WGT (kg)	
										YR	YRKS
YR450 1-4	315	23.4	1490	92.5	0.84	1.8	485	399	12	3800	4275
YR450 2-4	355	26.3	1490	92.8	0.84	1.8	485	451	12.9	3800	4275
YR450 3-4	400	29.2	1490	93.1	0.85	1.8	546	449	12.9	4100	4580
YR450 4-4	450	32.8	1490	93.3	0.85	1.8	546	508	13.8	4100	4580
YR450 5-4	500	36.3	1490	93.6	0.85	1.8	624	491	13.8	4500	4975
YR450 6-4	560	40.6	1490	93.8	0.85	1.8	624	553	14.7	4500	4975
YR500 1-4	630	45.4	1490	94.2	0.85	1.8	672	575	22	4600	5180
YR500 2-4	710	51.0	1490	94.6	0.85	1.8	729	597	23	4800	5380
YR500 3-4	800	56.7	1490	94.7	0.86	1.8	795	615	25	5000	5580
YR500 4-4	900	63.7	1490	94.8	0.86	1.8	795	696	27	5000	5580
YR500 5-4	1000	70.7	1490	94.9	0.86	1.8	976	632	29	6300	6580
YR560 1-4	1120	78.2	1490	95.1	0.87	1.8	1173	583	40	6500	7300
YR560 2-4	1250	87.1	1490	95.2	0.87	1.8	1173	655	43	6500	7300
YR560 3-4	1400	97.5	1490	95.3	0.87	1.8	1299	661	46	8800	9600
YR630 1-4	1600	110.0	1490	95.4	0.88	1.8	1463	668	86	9000	9585
YR630 2-4	1800	123.7	1490	95.5	0.88	1.8	1463	757	91	9000	9585
YR630 3-4	2000	137.3	1490	95.6	0.88	1.8	1674	730	96	9600	10185
YR450 3-6	280	21.6	990	92.2	0.81	1.8	611	287	14.7	3500	3980
YR450 4-6	315	24.3	990	92.4	0.81	1.8	763	256	15.7	3700	4180
YR450 5-6	355	27.3	990	92.6	0.81	1.8	815	270	17.1	3900	4380
YR450 6-6	400	30.7	990	92.8	0.81	1.8	815	306	18.2	3900	4380
YR500 1-6	450	34.5	990	93.1	0.81	1.8	817	339	23	4200	4780
YR500 2-6	500	38.2	990	93.4	0.81	1.8	876	351	25	4400	4980
YR500 3-6	560	42.7	990	93.6	0.81	1.8	944	365	27	4500	5080
YR500 4-6	630	47.3	990	93.8	0.82	1.8	944	413	29	4500	5080
YR500 5-6	710	53.2	990	94.0	0.82	1.8	941	467	31	6200	6780
YR560 1-6	800	58.3	990	94.3	0.84	1.8	1021	484	49	6400	7200
YR560 2-6	900	65.5	990	94.5	0.84	1.8	1150	498	53	6600	7400
YR560 3-6	1000	71.7	990	94.7	0.85	1.8	1114	555	56	7650	8450
YR560 4-6	1120	80.2	990	94.9	0.85	1.8	1226	563	60	7800	8600
YR630 1-6	1250	89.3	990	95.1	0.85	1.8	1364	564	114	8600	9185
YR630 2-6	1400	99.8	990	95.3	0.85	1.8	1535	558	121	8800	9385
YR630 3-6	1600	113.4	990	95.4	0.85	1.8	1700	560	128	9000	9585
YR500 1-8	280	23.4	740	92.2	0.75	1.8	525	341	22	4200	4710
YR500 2-8	315	26.3	740	92.3	0.75	1.8	573	344	24	4400	4910
YR500 3-8	355	29.5	740	92.5	0.75	1.8	632	352	26	4600	5110
YR500 4-8	400	33.2	740	92.8	0.75	1.8	704	355	28	4800	5310
YR500 5-8	450	36.2	740	93.1	0.77	1.8	794	353	30	5000	5510
YR500 6-8	500	40.2	740	93.3	0.77	1.8	794	396	32	5000	5510

YR/YRKS series technical data (10kV)

Model	Rated Output kW	Stator current A	RPM	Eff. %	Power Factor Cos Φ	BDT FLT $\frac{T_m}{T_n}$	Rotor Voltage	Rotor current A	Inertia movement J m (kg.m ²)	WGT (kg)	
										YR	YRKS
YR560 1-8	560	43.7	740	93.6	0.79	1.8	843	414	56	6100	6900
YR560 2-8	630	49.1	740	93.8	0.79	1.8	905	436	60	6300	7100
YR560 3-8	710	55.2	740	94.0	0.79	1.8	974	456	63	6500	7300
YR560 4-8	800	62.0	740	94.2	0.79	1.8	970	515	67	6700	7500
YR630 1-8	900	67.1	740	94.4	0.82	1.8	1052	534	141	7900	8485
YR630 2-8	1000	74.4	740	94.6	0.82	1.8	1148	544	149	8500	9085
YR630 3-8	1120	83.2	740	94.8	0.82	1.8	1264	553	157	8800	9385
YR500 3-10	250	21.9	590	91.4	0.72	1.8	737	212	28	4400	4910
YR500 4-10	280	24.5	590	91.7	0.72	1.8	737	238	30	4600	5110
YR500 5-10	315	27.4	590	92.1	0.72	1.8	785	252	32	4800	5310
YR500 6-10	355	30.9	590	92.2	0.72	1.8	785	286	32	4800	5310
YR560 1-10	400	33.8	590	92.4	0.74	1.8	837	303	75	5700	6500
YR560 2-10	450	37.3	590	92.8	0.75	1.8	837	345	80	5900	6700
YR560 3-10	500	41.4	590	93.0	0.75	1.8	960	326	84	6100	6900
YR560 4-10	560	45.7	590	93.2	0.76	1.8	1041	338	89	6300	7100
YR560 5-10	630	51.2	590	93.4	0.76	1.8	1137	347	94	6500	7300
YR630 1-10	710	56.1	590	93.7	0.78	1.8	1007	445	144	7600	7185
YR630 2-10	800	63.1	590	93.8	0.78	1.8	1092	463	153	7900	8485
YR630 3-10	900	70.9	590	93.9	0.78	1.8	1193	477	161	8500	9085
YR630 4-10	1000	78.7	590	94.1	0.78	1.8	1314	481	169	8800	9385
YR500 1-12	280	24.6	490	91.4	0.72	1.8	608	295	73	5000	5800
YR500 2-12	315	27.6	490	91.5	0.72	1.8	610	337	77	5000	5800
YR500 3-12	355	31.1	490	91.6	0.72	1.8	681	328	82	6100	6900
YR500 4-12	400	34.9	490	91.8	0.72	1.8	728	348	87	6300	7100
YR500 5-12	450	39.1	490	92.2	0.72	1.8	781	366	92	6500	7300
YR630 1-12	500	42.8	490	92.4	0.73	1.8	783	400	119	7600	8185
YR630 2-12	560	47.1	490	92.8	0.74	1.8	844	416	136	7900	8485
YR630 3-12	630	52.8	490	93.1	0.74	1.8	915	433	152	8500	9085
YR630 4-12	710	59.3	490	93.4	0.74	1.8	998	447	160	8800	9385

Note: These property data shown in table which in correspondence with these guaranteed values are shown in the additive table.

YR series (10kV) medium type asynchronous motor overall and mounting dimensions figure (mm)



Frame Poles		Mounting dimension and tolerance																		Overall dimension								
		A		B		C ^c		D		E		F		G		f		b	r					H		K		
450	4 6	800	± 1.75	1120	± 1.75	355	± 4.0	110	+0.035 +0.013	210	± 0.57	28	⁰ - 0.052	100	⁰ - 0.2	—	—	—	—	450	—	35	—	600	1050	950	2740	
								120	130	250		32	⁰ - 0.062	109	119													11.4
560	4 6~12	1000	± 2.1	1400 ^a 1600 ^a	± 2.1	500	± 4.0	150	+0.040 +0.015	300	± 0.65	—	—	—	—	—	—	—	—	—	—	—	—	800	1220	1200	3450	
								160	170	180																		530
630	4 6~12	1120	—	1600 ^b 1800 ^b	—	530	—	170	180	300	± 0.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
								1600 ^b 1800 ^b	170	180	300	± 0.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

a 1400 is the value when the collector ring is placed outside the bearing; 1600 is the value when the collector ring is placed inside the bearing.

b 1600 is the value when the collector ring is placed outside the bearing; 1800 is the value when the collector ring is placed inside the bearing.

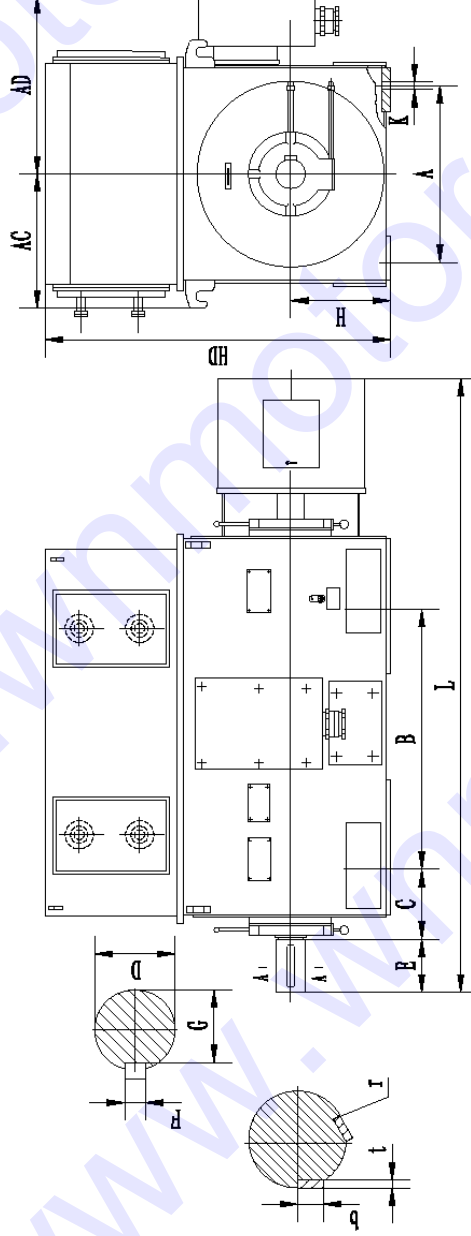
c When a plain bearing is used, the dimensional deviation does not include the axial amount of movement.

a 1400 is the value when the collector ring is placed outside the bearing; 1600 is the value when the collector ring is placed inside the bearing.

b 1600 is the value when the collector ring is placed outside the bearing; 1800 is the value when the collector ring is placed inside the bearing.

c When a plain bearing is used, the dimensional deviation does not include the axial amount of movement.

YRKS series (10kV) medium type asynchronous motor overall and mounting dimensions figure (mm)



Frame Poles		Mounting dimension and tolerance																	Overall dimension									
		A		B		C ^c		D		E		F		G		f		b	r		H		K		AC	AD	HD	L
																							basic deviation	deviation				
450	4	800	± 1.75	1120	± 1.75	355	110	+0.035 +0.013	210	± 0.57	28	0 - 0.052	100	0 - 0.2	—	—	—	450	35	basic	deviation	600	1050	1500	2740			
	6																											
500	4	900	1250	475	120	130	± 0.57	32	0 - 0.062	109	119	—	—	500	—	—	560	42	0 + 0.62	660	1120	1700	3020					
	6~10																											
560	4	1000	± 2.1	1400 ^a 1600 ^a	± 2.1	500	150	+0.040 +0.015	250	—	11.4	+ 0.2 0	39.7	1.0	—	—	560	42	0 + 0.62	800	1220	1850	3450					
	6~12																											
630	4	1120	1600 ^b 1800 ^b	530	160	170	180	± 0.65	300	—	12.4	+ 0.3 0	42.8 44.2 45.6	1.0	—	630	48	860	1300	2050	3800							
	6~12																											

a 1400 is the value when the collector ring is placed outside the bearing; 1600 is the value when the collector ring is placed inside the bearing.

b 1600 is the value when the collector ring is placed outside the bearing; 1800 is the value when the collector ring is placed inside the bearing.

c When a plain bearing is used, the dimensional deviation does not include the axial amount of movement.

YRKK series technical data (10kV)

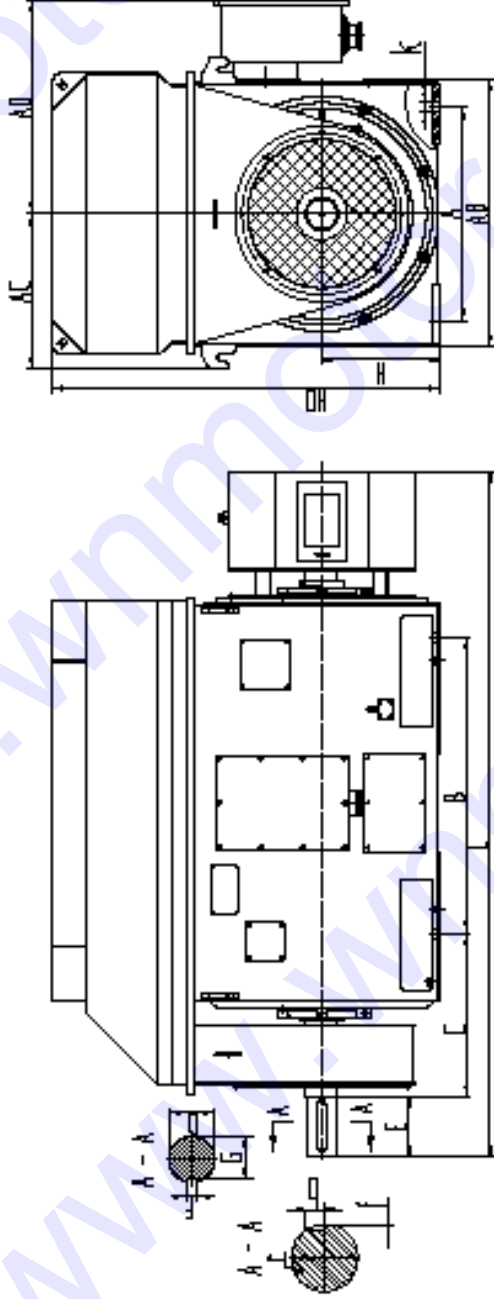
Model	Rated Output kW	Stator current A	RPM	EFF. (%)	Power Factor Cos Φ	$\frac{BDT}{FLT} \frac{T_m}{T_n}$	Rotor Voltage V	Rotor current A	WTG (kg)
YRKK450 1-4	250	19.1	1490	92.2	0.82	1.8	390	410	4530
YRKK450 2-4	280	21.4	1490	92.4	0.82	1.8	390	410	4680
YRKK450 3-4	315	23.7	1490	92.5	0.83	1.8	428	451	4830
YRKK450 4-4	355	26.2	1490	93.0	0.84	1.8	428	511	4980
YRKK450 5-4	400	29.5	1490	93.2	0.84	1.8	483	509	5230
YRKK450 6-4	450	32.7	1490	93.4	0.85	1.8	483	578	5310
YRKK500 1-4	500	36.3	1490	93.6	0.85	1.8	552	558	5540
YRKK500 2-4	560	40.5	1490	93.9	0.85	1.8	624	511	5775
YRKK500 3-4	630	45.4	1490	94.2	0.85	1.8	653	530	6040
YRKK500 4-4	710	50.5	1490	94.3	0.86	1.8	672	546	6250
YRKK500 5-4	800	56.9	1490	94.4	0.86	1.8	729	618	6595
YRKK560 1-4	900	64.0	1490	94.5	0.86	1.8	795	569	7260
YRKK560 2-4	1000	71.0	1490	94.6	0.86	1.8	875	521	8020
YRKK560 3-4	1120	78.5	1490	94.7	0.87	1.8	976	587	8770
YRKK630 1-4	1250	87.5	1490	94.8	0.87	1.8	1198	590	10850
YRKK630 2-4	1400	97.9	1490	94.9	0.87	1.8	1173	585	11610
YRKK630 3-4	1600	111.8	1490	95.0	0.87	1.8	1299	673	12120
YRKK450 1-6	220	17.3	990	91.8	0.80	1.8	547	255	4530
YRKK450 2-6	250	19.4	990	92.0	0.81	1.8	610	257	4830
YRKK450 3-6	280	21.7	990	92.2	0.81	1.8	610	288	4830
YRKK450 4-6	315	24.3	990	92.4	0.81	1.8	760	260	5530
YRKK450 5-6	355	26.6	990	93.0	0.83	1.8	815	273	5830
YRKK450 6-6	400	29.8	990	93.3	0.83	1.8	767	323	5830
YRKK500 1-6	400	29.8	990	93.3	0.83	1.8	767	323	6040
YRKK500 2-6	450	33.1	990	93.4	0.84	1.8	767	366	6290
YRKK500 3-6	500	36.7	990	93.6	0.84	1.8	876	372	6490
YRKK500 4-6	560	41.0	990	93.8	0.84	1.8	944	385	6740
YRKK500 5-6	630	46.0	990	94.1	0.84	1.8	941	414	6940
YRKK560 1-6	630	46.0	990	94.1	0.84	1.8	941	414	7140
YRKK560 2-6	710	51.8	990	94.3	0.84	1.8	1021	430	7390
YRKK560 3-6	800	57.5	990	94.5	0.85	1.8	1118	439	7640
YRKK560 4-6	900	64.6	990	94.6	0.85	1.8	1225	447	7840
YRKK630 1-6	1000	71.6	990	94.8	0.85	1.8	1226	503	8150
YRKK630 2-6	1120	80.2	990	94.9	0.85	1.8	1364	505	8400
YRKK630 3-6	1250	89.4	990	95.0	0.85	1.8	1535	498	8650
YRKK500 1-8	220	18.7	740	91.8	0.74	1.8	629	216	4180
YRKK500 2-8	250	20.9	740	92.0	0.75	1.8	629	245	4480
YRKK500 3-8	280	23.4	740	92.2	0.75	1.8	573	305	4780
YRKK500 4-8	315	26.3	740	92.3	0.75	1.8	632	312	5080
YRKK500 5-8	355	27.7	740	92.7	0.80	1.8	704	315	5380
YRKK500 6-8	400	31.0	740	93.0	0.80	1.8	705	353	5830

YRKK series technical data (10kV)

Model	Rated Output kW	Stator current A	RPM	EFF. (%)	Power Factor Cos Φ	$\frac{BDT}{FLT} \frac{T_m}{T_n}$	Rotor Voltage V	Rotor current A	WTG (kg)
YRKK560 1-8	450	34.9	740	93.1	0.80	1.8	790	354	5990
YRKK560 2-8	500	38.6	740	93.5	0.80	1.8	843	370	6390
YRKK560 3-8	560	42.6	740	93.7	0.81	1.8	905	388	7090
YRKK560 4-8	630	47.8	740	93.9	0.81	1.8	974	405	7560
YRKK560 5-8	710	53.8	740	94.0	0.81	1.8	975	456	8140
YRKK630 1-8	800	60.5	740	94.2	0.81	1.8	1102	451	9150
YRKK630 2-8	900	68.0	740	94.3	0.81	1.8	1148	490	9700
YRKK630 3-8	1000	75.5	740	94.4	0.81	1.8	1264	494	10100
YRKK500 3-10	220	19.3	590	91.2	0.72	1.8	737	187	5840
YRKK500 4-10	250	22.0	590	91.4	0.72	1.8	731	215	6140
YRKK500 5-10	280	24.5	590	91.7	0.72	1.8	785	224	6390
YRKK500 6-10	315	27.4	590	92.1	0.72	1.8	785	254	6640
YRKK560 1-10	355	29.2	590	92.4	0.76	1.8	837	269	7540
YRKK560 2-10	400	32.8	590	92.8	0.76	1.8	975	254	7940
YRKK560 3-10	450	36.2	590	93.1	0.77	1.8	960	293	8340
YRKK560 4-10	500	40.2	590	93.3	0.77	1.8	1041	302	8690
YRKK560 5-10	560	44.9	590	93.5	0.77	1.8	1137	308	9240
YRKK630 1-10	560	44.9	590	93.5	0.77	1.8	1007	395	9750
YRKK630 2-10	630	50.5	590	93.6	0.77	1.8	1092	411	10050
YRKK630 3-10	710	56.1	590	93.7	0.78	1.8	1193	424	10350
YRKK630 4-10	800	63.1	590	93.8	0.78	1.8	1314	433	10800
YRKK560 1-12	220	19.4	490	91.0	0.72	1.8	577	244	6040
YRKK560 2-12	250	22.0	490	91.2	0.72	1.8	608	263	6390
YRKK560 3-12	280	24.6	490	91.4	0.72	1.8	610	300	6740
YRKK560 4-12	315	27.6	490	91.5	0.72	1.8	681	291	7140
YRKK560 5-12	355	30.5	490	92.1	0.73	1.8	728	309	7590
YRKK630 1-12	400	34.3	490	92.3	0.73	1.8	781	325	8050
YRKK630 2-12	450	38.5	490	92.5	0.73	1.8	783	360	8450
YRKK630 3-12	500	40.9	490	92.7	0.75	1.8	844	371	8900
YRKK630 4-12	560	46.4	490	92.8	0.75	1.8	915	385	9500

Note : These property data shown in table which in correspondence with these guaranteed values are shown in the additive table.

YRKK series (10kV) medium type asynchronous motor overall and mounting dimensions figure (mm)



Frame Poles		Mounting dimension and tolerance															Overall dimension												
		A		B		C ^{a、b}		D		E		F		G		f					b		r		H		K		
		basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation					basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation	basic deviation
450	4	800	± 1.75	1120	± 1.75	670	355	110	+0.035 +0.013	210	± 0.57	28	0 - 0.05	100	0 - 0.2	—	—	—	—	—	—	450	35	1000	600	1050	1900	3000	
	6							120																					
500	4	900	± 1.75	1250	± 1.75	710	475	130	+0.040 +0.015	250	± 0.57	32	0 - 0.06	109	0 - 0.3	—	—	—	—	—	—	500	42	1110	660	1120	2200	3250	
	6~12											150																	
560	4	1000	± 2.1	1400	± 2.1	800	500	160	+0.040 +0.015	300	± 0.65	—	—	—	—	—	—	—	—	—	560	48	1300	800	1220	2400	3850		
	6~12							170																					
630	4	1120	± 2.1	1600	± 2.1	900	530	180	+0.040 +0.015	330	± 0.65	—	—	—	—	—	—	—	—	—	630	48	1400	860	1300	2700	4100		
	6~12																												
a The previous C size corresponding to the basic size is the value when the outer fan is placed at the end of the shaft. The latter C size is the value when the outer fan is placed at the non-shaft end. b When a plain bearing is used, the dimensional deviation does not include the amount of axial movement.																													

a The previous C size corresponding to the basic size is the value when the outer fan is placed at the end of the shaft.

The latter C size is the value when the outer fan is placed at the non-shaft end.

b When a plain bearing is used, the dimensional deviation does not include the amount of axial movement.