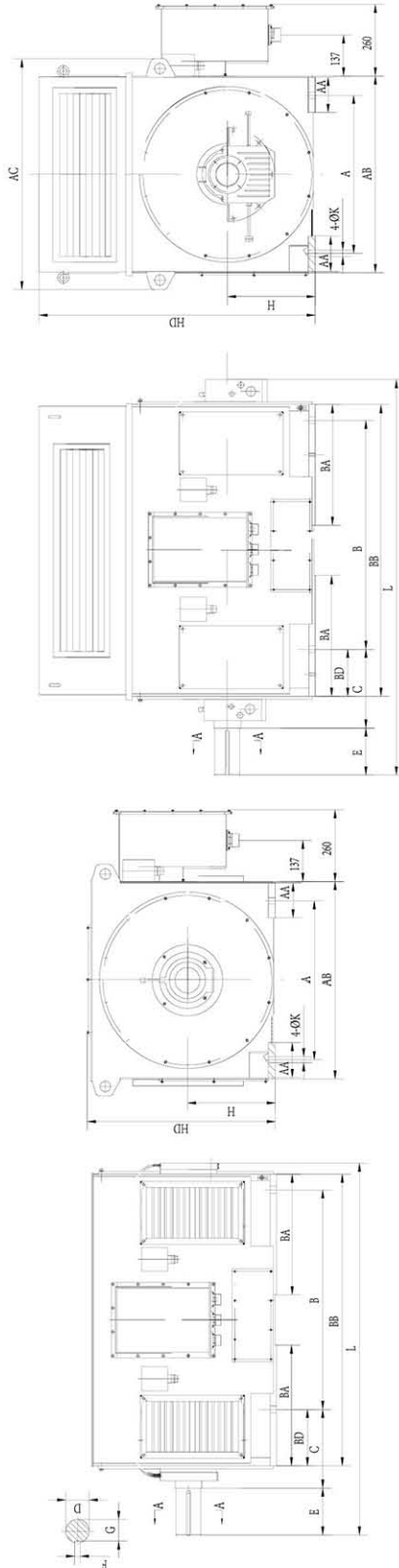




MOUNTING AND OVERALL DIMENSIONS OF Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6KV)

		MOUNTING , DIMENSIONS AND TOLERANCE																		OVERALL DIMENSIONS								
		A		B		C		D		E		F		G		H		K		AA	AC	AB	BA	BB	BD	HD	L	
Frame	Pole	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation									
355	2	630	± 1. 4	900	± 1. 4	315		80	+0. 03 +0. 011	170	± 0. 5	22		71		355		28		150	1024	800	560	1420	200	860	1760	
	4-6							100		210	± 0. 57	28		90													1820	
400	2	710		1000		375		90	+0. 035	170	± 0. 5	25		81		400		35			1124	900	610	1520	880	1900		
	4-6					335		110	+0. 013		± 0. 57	28	0	100														
450	2		± 1. 75		± 1. 75	400		100		210	± 0. 5		-0. 052	90	0			35			1204	980	680	1640	980	2040		
	4	800		1120		355		120				32		109	-0. 2	450												
	6-12							130	+0. 04 +0. 015	250				119														
	2					560		110	+0. 035 +0. 013	210	± 0. 57	28		100		500	0 -1	42	+0. 62 0			1344	1120	1750	300	1670	2300	
500	4	900		1250		475		130				32		119											1080	2250		
	6-12							140		250		36		128														
	2					560		130				32		119				42		200					1850	2520		
	4	1000	± 2. 1	1400	± 2. 1	500		150				36	0	138		560						1440	1220	1880	340	1210	2350	
630	6-12							160	+0. 04 +0. 015	300	± 0. 65	40	-0. 062	147											2040	2750		
	2					560		140		250	± 0. 57	36		128														
	4	1120		1600		530		170		300	± 0. 65	45		157	0 -0. 3	630		48			1580	1360	780	2020	300	1330	2620	
	6-12							180				40		165														
710	2	1400	± 2. 8	1800	± 2. 8	530		160		300	± 0. 65	45	0	147				56			1820	1600	850	2170	185	2310	3050	
	4-16							200	+0. 046 +0. 017	350	± 0. 7	45	-0. 062	185		710	0 -1. 5									1530		
NOTE: Y560-2、Y630-2、Y710-2 mounted sliding bearing																												

NOTE: Y560-2、Y630-2、Y710-2 mounted sliding bearing

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y355-2	220	2970	26.8	92.0	0.86	1.8	0.6	7.0
Y355-2	250	2970	30.4	92.1	0.86	1.8	0.6	7.0
Y355-2	280	2970	33.9	92.3	0.86	1.8	0.6	7.0
Y355-2	315	2970	38.0	92.7	0.86	1.8	0.6	7.0
Y355-2	355	2970	42.7	93.0	0.86	1.8	0.6	7.0
Y355-2	400	2970	47.9	93.4	0.86	1.8	0.6	7.0
Y355-4	220	1480	26.9	92.5	0.85	1.8	0.8	6.5
Y355-4	250	1480	30.6	92.6	0.85	1.8	0.8	6.5
Y355-4	280	1480	33.8	92.7	0.86	1.8	0.8	6.5
Y355-4	315	1480	37.9	92.9	0.86	1.8	0.8	6.5
Y355-4	355	1480	42.7	93.1	0.86	1.8	0.8	6.5
Y355-4	400	1480	48.0	93.3	0.86	1.8	0.8	6.5
Y355-6	220	990	28.0	92.2	0.82	1.8	0.8	6.0
Y355-6	250	990	31.7	92.5	0.82	1.8	0.8	6.0
Y355-6	280	990	35.0	92.7	0.83	1.8	0.8	6.0
Y400-2	450	2970	53.7	93.7	0.86	1.8	0.6	7.0
Y400-2	500	2970	58.8	94.0	0.87	1.8	0.6	7.0
Y400-2	560	2970	65.8	94.1	0.87	1.8	0.6	7.0
Y400-2	630	2970	73.9	94.3	0.87	1.8	0.6	7.0
Y400-2	710	2970	83.2	94.4	0.87	1.8	0.6	7.0
Y400-4	450	1485	53.9	93.5	0.86	1.8	0.8	6.5
Y400-4	500	1485	59.0	93.7	0.87	1.8	0.8	6.5
Y400-4	560	1485	66.0	93.9	0.87	1.8	0.8	6.5
Y400-4	630	1485	74.0	94.2	0.87	1.8	0.8	6.5
Y400-4	710	1485	83.2	94.4	0.87	1.8	0.8	6.5
Y400-6	315	990	39.3	93.0	0.83	1.8	0.8	6.0
Y400-6	355	990	44.2	93.2	0.83	1.8	0.8	6.0
Y400-6	400	990	49.7	93.3	0.83	1.8	0.8	6.0
Y400-6	450	990	55.1	93.6	0.84	1.8	0.8	6.0
Y400-6	500	990	60.3	93.9	0.85	1.8	0.8	6.0
Y400-8	220	740	29.5	92.1	0.78	1.8	0.8	5.5
Y400-8	250	740	33.0	92.2	0.79	1.8	0.8	5.5
Y400-8	280	740	36.9	92.4	0.79	1.8	0.8	5.5
Y400-8	315	740	40.9	92.7	0.80	1.8	0.8	5.5
Y400-8	355	740	46.0	92.8	0.80	1.8	0.8	5.5
Y400-10	220	590	30.1	91.3	0.77	1.8	0.8	5.5
Y400-10	250	590	33.7	91.5	0.78	1.8	0.8	5.5

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COS Φ	TM/Tn	TST/Tn	IST/In
Y400-10	280	590	37.7	91.7	0.78	1.8	0.8	5.5
Y450-2	800	2980	93.4	94.7	0.87	1.8	0.6	7.0
Y450-2	900	2980	105.0	94.8	0.87	1.8	0.6	7.0
Y450-2	1000	2980	115.2	94.9	0.88	1.8	0.6	7.0
Y450-2	1120	2980	128.9	95.0	0.88	1.8	0.6	7.0
Y450-4	800	1485	93.5	94.6	0.87	1.8	0.8	6.5
Y450-4	900	1485	105.1	94.7	0.87	1.8	0.8	6.5
Y450-4	1000	1485	116.7	94.8	0.87	1.8	0.8	6.5
Y450-4	1120	1485	129.1	94.9	0.88	1.8	0.8	6.5
Y450-6	560	990	67.4	94.1	0.85	1.8	0.8	6.0
Y450-6	630	990	75.7	94.2	0.85	1.8	0.8	6.0
Y450-6	710	990	85.1	94.4	0.85	1.8	0.8	6.0
Y450-6	800	990	95.7	94.6	0.85	1.8	0.8	6.0
Y450-8	400	740	51.7	93.0	0.80	1.8	0.8	5.5
Y450-8	450	740	57.4	93.1	0.81	1.8	0.8	5.5
Y450-8	500	740	63.4	93.7	0.81	1.8	0.8	5.5
Y450-8	560	740	70.1	93.8	0.82	1.8	0.8	5.5
Y450-10	315	590	41.8	91.9	0.79	1.8	0.8	5.5
Y450-10	355	590	47.0	92.1	0.79	1.8	0.8	5.5
Y450-10	400	590	52.0	92.6	0.80	1.8	0.8	5.5
Y450-10	450	590	58.4	92.7	0.80	1.8	0.8	5.5
Y450-12	220	490	32.0	90.6	0.73	1.8	0.8	5.5
Y450-12	250	490	36.3	90.9	0.73	1.8	0.8	5.5
Y450-12	280	490	39.6	91.9	0.74	1.8	0.8	5.5
Y450-12	315	490	43.9	92.1	0.75	1.8	0.8	5.5
Y500-2	1250	2980	143.6	95.2	0.88	1.8	0.6	7.0
Y500-2	1400	2980	160.6	95.3	0.88	1.8	0.6	7.0
Y500-2	1600	2980	183.4	95.4	0.88	1.8	0.6	7.0
Y500-2	1800	2980	206.1	95.5	0.88	1.8	0.6	7.0
Y500-4	1250	1490	143.7	95.1	0.88	1.8	0.7	6.5
Y500-4	1400	1490	160.8	95.2	0.88	1.8	0.7	6.5
Y500-4	1600	1490	181.5	95.3	0.89	1.8	0.7	6.5
Y500-4	1800	1490	204.0	95.4	0.89	1.8	0.7	6.5
Y500-6	900	990	107.6	94.7	0.85	1.8	0.7	6.0
Y500-6	1000	990	119.4	94.8	0.85	1.8	0.7	6.0
Y500-6	1120	990	132.1	94.9	0.86	1.8	0.7	6.0
Y500-6	1250	990	147.1	95.1	0.86	1.8	0.7	6.0

PERFORMANCE DATA

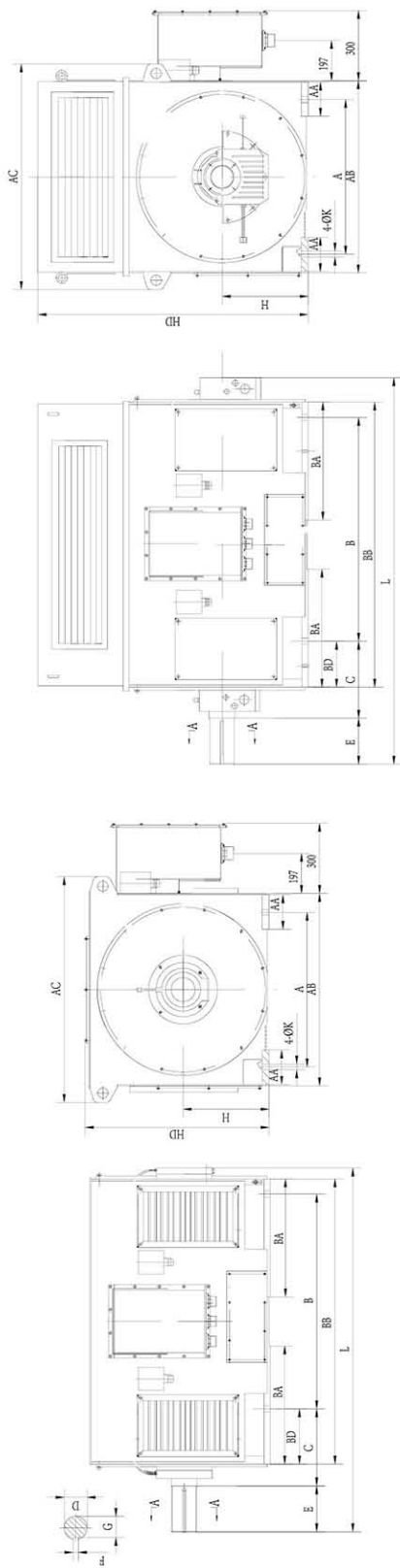
Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y500-8	630	745	78.7	93.9	0.82	1.8	0.8	5.5
Y500-8	710	745	88.6	94.0	0.82	1.8	0.8	5.5
Y500-8	800	745	97.3	94.2	0.84	1.8	0.8	5.5
Y500-8	900	745	109.3	94.3	0.84	1.8	0.8	5.5
Y500-10	500	590	64.7	93.0	0.80	1.8	0.8	5.5
Y500-10	560	590	72.4	93.1	0.80	1.8	0.8	5.5
Y500-10	630	590	81.3	93.2	0.80	1.8	0.8	5.5
Y500-10	710	590	89.2	93.4	0.82	1.8	0.8	5.5
Y500-10	800	590	100.2	93.7	0.82	1.8	0.8	5.5
Y500-12	355	490	49.3	92.3	0.75	1.8	0.8	5.5
Y500-12	400	490	55.4	92.6	0.75	1.8	0.8	5.5
Y500-12	450	490	62.3	92.7	0.75	1.8	0.8	5.5
Y500-12	500	490	65.4	93.1	0.79	1.8	0.8	5.5
Y500-12	560	490	73.2	93.2	0.79	1.8	0.8	5.5
Y560-2	2000	2980	228.5	95.7	0.88	1.8	0.6	7.0
Y560-2	2240	2980	255.7	95.8	0.88	1.8	0.6	7.0
Y560-2	2500	2980	281.9	95.9	0.89	1.8	0.6	7.0
Y560-4	2000	1490	226.2	95.6	0.89	1.8	0.6	6.5
Y560-4	2240	1490	253.1	95.7	0.89	1.8	0.6	6.5
Y560-4	2500	1490	282.2	95.8	0.89	1.8	0.6	6.5
Y560-6	1400	990	164.5	95.2	0.86	1.8	0.7	6.5
Y560-6	1600	990	187.9	95.3	0.86	1.8	0.7	6.5
Y560-6	1800	990	211.1	95.4	0.86	1.8	0.7	6.5
Y560-8	1000	745	121.4	94.4	0.84	1.8	0.7	6.0
Y560-8	1120	745	135.8	94.5	0.84	1.8	0.7	6.0
Y560-8	1250	745	151.2	94.7	0.84	1.8	0.7	6.0
Y560-10	900	595	112.6	93.8	0.82	1.8	0.7	6.0
Y560-10	1000	595	125.0	93.9	0.82	1.8	0.7	6.0
Y560-10	1120	595	139.7	94.1	0.82	1.8	0.7	6.0
Y560-12	630	495	82.2	93.3	0.79	1.8	0.7	6.0
Y560-12	710	495	92.6	93.4	0.79	1.8	0.7	6.0
Y560-12	800	495	104.0	93.7	0.79	1.8	0.7	6.0
Y630-2	2800	2985	315.4	96.0	0.89	1.8	0.6	7.0
Y630-2	3150	2985	354.4	96.1	0.89	1.8	0.6	7.0
Y630-2	3550	2985	399.4	96.1	0.89	1.8	0.6	7.0
Y630-4	2800	1490	315.7	95.9	0.89	1.8	0.6	6.5
Y630-4	3150	1490	354.4	96.1	0.89	1.8	0.6	6.5

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y630-4	3550	1490	399.4	96.1	0.89	1.8	0.6	6.5
Y630-6	2000	995	234.1	95.6	0.86	1.8	0.7	6.5
Y630-6	2240	995	261.9	95.7	0.86	1.8	0.7	6.5
Y630-6	2500	995	292.3	95.7	0.86	1.8	0.7	6.5
Y630-8	1400	745	169.2	94.8	0.84	1.8	0.7	6.0
Y630-8	1600	745	193.1	94.9	0.84	1.8	0.7	6.0
Y630-8	1800	745	217.1	95.0	0.84	1.8	0.7	6.0
Y630-8	2000	745	240.7	95.2	0.84	1.8	0.7	6.0
Y630-10	1250	595	155.4	94.4	0.82	1.8	0.7	6.0
Y630-10	1400	595	173.9	94.5	0.82	1.8	0.7	6.0
Y630-10	1600	595	198.5	94.6	0.82	1.8	0.7	6.0
Y630-10	1800	595	223.1	94.7	0.82	1.8	0.7	6.0
Y630-12	900	495	116.9	93.8	0.79	1.8	0.7	6.0
Y630-12	1000	495	129.7	93.9	0.79	1.8	0.7	6.0
Y630-12	1120	495	145.1	94.0	0.79	1.8	0.7	6.0
Y630-12	1250	495	161.6	94.2	0.79	1.8	0.7	6.0
Y710-4	4000	1485	458.9	96.4	0.87	1.8	0.5	6.5
Y710-4	4500	1485	516.3	96.4	0.87	1.8	0.5	6.5
Y710-4	5000	1485	566.6	96.5	0.88	1.8	0.5	6.5
Y710-6	2800	990	326.0	96.1	0.86	1.8	0.6	6.5
Y710-6	3150	990	366.4	96.2	0.86	1.8	0.6	6.5
Y710-6	3550	990	412.9	96.2	0.86	1.8	0.6	6.5
Y710-6	4000	990	464.8	96.3	0.86	1.8	0.6	6.5
Y710-8	2240	745	265.3	95.6	0.85	1.8	0.6	6.5
Y710-8	2500	745	295.0	95.7	0.85	1.8	0.6	6.5
Y710-8	2800	745	330.9	95.8	0.85	1.8	0.6	6.5
Y710-10	2000	595	243.6	95.2	0.83	1.8	0.6	6.0
Y710-10	2240	595	272.5	95.3	0.83	1.8	0.6	6.0
Y710-12	1400	495	180.1	94.7	0.79	1.8	0.6	6.0
Y710-12	1600	495	203.2	94.7	0.80	1.8	0.6	6.0
Y710-12	1800	495	228.4	94.8	0.80	1.8	0.6	6.0
Y710-16	800	370	112.9	93.4	0.73	1.8	0.6	6.0
Y710-16	900	370	126.9	93.5	0.73	1.8	0.6	6.0
Y710-16	1000	370	138.9	93.6	0.74	1.8	0.6	6.0
Y710-16	1120	370	155.4	93.7	0.74	1.8	0.6	6.0



MOUNTING AND OVERALL DIMENSIONS OF Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

		MOUNTING 、 DIMENSIONS AND TOLERANCE														OVERALL DIMENSIONS											
Frame	Pole	A		B		C		D		E		F		G		H		K		AA	AC	AB	BA	BB	BD	HD	L
		Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation								
400	2	710		375		90	170	±0.5	25	81	400								150	1124	900	610	1520		880	1900	
	4-6		1000			110	210	±0.57	28	100																	
	2	±1.75		400	±1.75	90	170	±0.5	25	81	450	35											230				
450	4	800		355		110	210		28	100	450									1204	980	680	1640		980	2040	
	6-10																										
	2			560		100		±0.57		90	500													1670	2300		
500	4	900		475		130	250		32	119										1344	1120		1750	300	1080	2250	
	6-12																					720					
	2			560	±2.1	150	300	±0.65	40	138	560	42												1850	2520		
560	4	1000	±2.1	500	±2.1	160	300	±0.65	40	147										1440	1220		1880	340	1210	2350	
	6-12																								2430		
	2			560		140	250	±0.57	36	128	630	48													2750		
630	4	1120				170	300	±0.65	45	157	630									1580	1360	780	2020	300	1330	2620	
	6-12					180	300	±0.65	45	165																	
	2			530		160	350	±0.7	45	147	710	56								1820	1600	850	2170	185	2310	3050	
710	6-12	1400	±2.8	1800	±2.8	200	350	±0.7	45	185															1530		

NOTE: Y560-2, Y630-2, Y710-2 mounted sliding bearing

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y400-2	220	2975	16.1	91.9	0.86	1.8	0.6	7.0
Y400-2	250	2975	18.2	92.1	0.86	1.8	0.6	7.0
Y400-2	280	2975	20.4	92.3	0.86	1.8	0.6	7.0
Y400-2	315	2975	22.8	92.7	0.86	1.8	0.6	7.0
Y400-2	355	2975	25.3	93.1	0.87	1.8	0.6	7.0
Y400-2	400	2975	28.4	93.4	0.87	1.8	0.6	7.0
Y400-2	450	2975	31.9	93.6	0.87	1.8	0.6	7.0
Y400-4	220	1490	16.3	91.9	0.85	1.8	0.7	7.0
Y400-4	250	1490	18.4	92.1	0.85	1.8	0.7	7.0
Y400-4	280	1490	20.6	92.2	0.85	1.8	0.7	7.0
Y400-4	315	1490	23.1	92.5	0.85	1.8	0.7	7.0
Y400-4	355	1490	25.7	92.6	0.86	1.8	0.7	7.0
Y400-4	400	1490	28.9	92.8	0.86	1.8	0.7	7.0
Y400-4	450	1490	32.4	93.2	0.86	1.8	0.7	7.0
Y400-6	220	990	17.4	91.4	0.80	1.8	0.7	6.0
Y400-6	250	990	19.7	91.6	0.80	1.8	0.7	6.0
Y400-6	280	990	22.0	91.8	0.80	1.8	0.7	6.0
Y400-6	315	990	24.1	92.1	0.82	1.8	0.7	6.0
Y450-2	500	2975	35.4	93.7	0.87	1.8	0.6	7.0
Y450-2	560	2975	39.6	93.9	0.87	1.8	0.6	7.0
Y450-2	630	2975	44.5	94.0	0.87	1.8	0.6	7.0
Y450-2	710	2975	49.5	94.1	0.88	1.8	0.6	7.0
Y450-2	800	2975	55.7	94.3	0.88	1.8	0.6	7.0
Y450-4	500	1490	36.0	93.3	0.86	1.8	0.7	7.0
Y450-4	560	1490	40.2	93.6	0.86	1.8	0.7	7.0
Y450-4	630	1490	45.1	93.8	0.86	1.8	0.7	7.0
Y450-4	710	1490	49.9	94.4	0.87	1.8	0.7	7.0
Y450-4	800	1490	56.1	94.6	0.87	1.8	0.7	7.0
Y450-6	355	990	26.7	92.4	0.83	1.8	0.7	6.0
Y450-6	400	990	30.0	92.6	0.83	1.8	0.7	6.0
Y450-6	450	990	33.7	92.8	0.83	1.8	0.7	6.0
Y450-6	500	990	37.3	93.2	0.83	1.8	0.7	6.0
Y450-6	560	990	41.2	93.5	0.84	1.8	0.7	6.0

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y450-8	220	745	18.3	91.1	0.76	1.8	0.7	6.0
Y450-8	250	745	20.8	91.3	0.76	1.8	0.7	6.0
Y450-8	280	745	23.2	91.6	0.76	1.8	0.7	6.0
Y450-8	315	745	25.6	92.1	0.77	1.8	0.7	6.0
Y450-8	355	745	28.8	92.4	0.77	1.8	0.7	6.0
Y450-10	220	595	19.4	91.0	0.72	1.8	0.7	5.5
Y450-10	250	595	21.7	91.2	0.73	1.8	0.7	5.5
Y500-2	900	2975	62.6	94.4	0.88	1.8	0.6	7.0
Y500-2	1000	2975	69.4	94.5	0.88	1.8	0.6	7.0
Y500-2	1120	2975	77.6	94.7	0.88	1.8	0.6	7.0
Y500-2	1250	2975	85.4	94.9	0.89	1.8	0.6	7.0
Y500-2	1400	2975	95.5	95.1	0.89	1.8	0.6	7.0
Y500-4	900	1490	62.4	94.7	0.88	1.8	0.7	7.0
Y500-4	1000	1490	69.2	94.8	0.88	1.8	0.7	7.0
Y500-4	1120	1490	77.4	94.9	0.88	1.8	0.7	7.0
Y500-4	1250	1490	85.4	95.0	0.89	1.8	0.7	7.0
Y500-4	1400	1490	95.3	95.3	0.89	1.8	0.7	7.0
Y500-6	630	990	46.2	93.8	0.84	1.8	0.7	6.0
Y500-6	710	990	51.9	94.0	0.84	1.8	0.7	6.0
Y500-6	800	990	58.4	94.2	0.84	1.8	0.7	6.0
Y500-6	900	990	64.8	94.4	0.85	1.8	0.7	6.0
Y500-6	1000	990	71.8	94.6	0.85	1.8	0.7	6.0
Y500-8	400	745	32.0	92.5	0.78	1.8	0.7	6.0
Y500-8	450	745	35.9	92.7	0.78	1.8	0.7	6.0
Y500-8	500	745	39.3	93.1	0.79	1.8	0.7	6.0
Y500-8	560	745	43.9	93.3	0.79	1.8	0.7	6.0
Y500-8	630	745	47.3	93.8	0.82	1.8	0.7	6.0
Y500-8	710	745	53.2	94.0	0.82	1.8	0.7	6.0
Y500-10	280	595	23.8	91.6	0.74	1.8	0.7	5.5
Y500-10	315	595	26.7	91.9	0.74	1.8	0.7	5.5
Y500-10	355	595	29.7	92.1	0.75	1.8	0.7	5.5
Y500-10	400	595	33.4	92.3	0.75	1.8	0.7	5.5
Y500-10	450	595	36.5	92.5	0.77	1.8	0.7	5.5
Y500-10	500	595	40.4	92.7	0.77	1.8	0.7	5.5
Y500-12	220	495	19.4	90.9	0.72	1.8	0.7	5.5
Y500-12	250	495	22.0	91.1	0.72	1.8	0.7	5.5

PERFORMANCE DATA

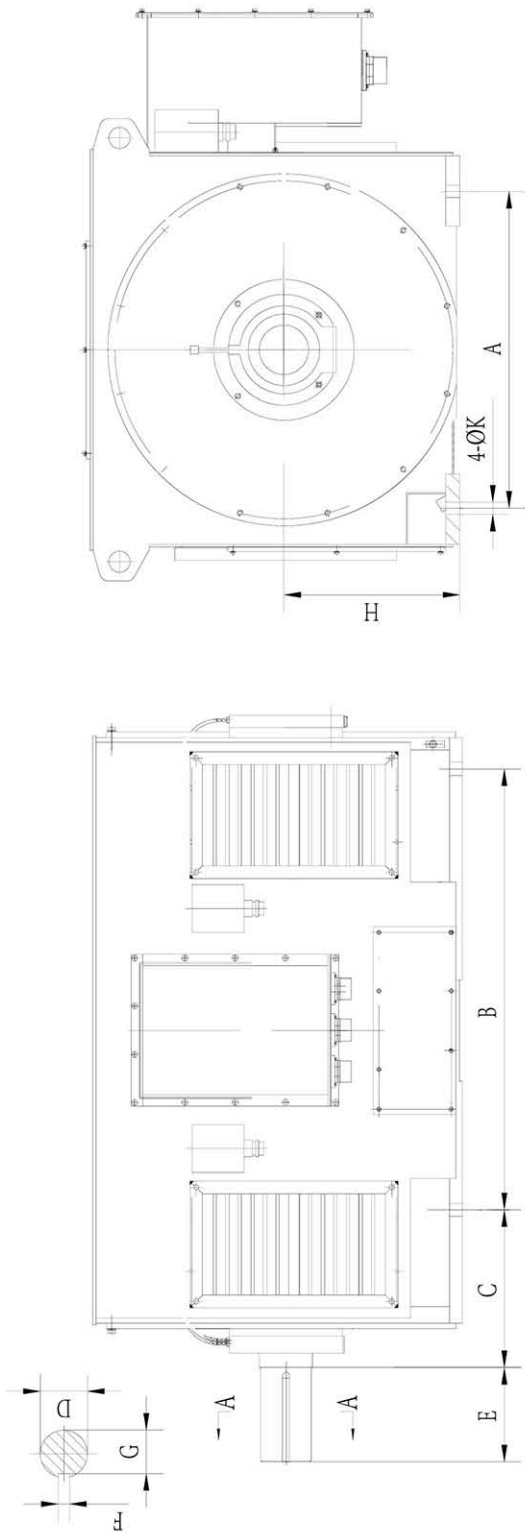
Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COS Φ	TM/Tn	TST/Tn	IST/In
Y500-12	280	495	24.6	91.3	0.72	1.8	0.7	5.5
Y500-12	315	495	27.2	91.6	0.73	1.8	0.7	5.5
Y500-12	355	495	30.6	91.8	0.73	1.8	0.7	5.5
Y560-2	1600	2975	109.0	95.2	0.89	1.8	0.6	7.0
Y560-2	1800	2975	121.2	95.3	0.90	1.8	0.6	7.0
Y560-2	2000	2975	134.3	95.5	0.90	1.8	0.6	7.0
Y560-4	1600	1490	108.8	95.4	0.89	1.8	0.7	7.0
Y560-4	1800	1490	122.3	95.5	0.89	1.8	0.7	7.0
Y560-4	2000	1490	135.6	95.7	0.89	1.8	0.7	7.0
Y560-6	1120	990	80.2	94.8	0.85	1.8	0.7	6.0
Y560-6	1250	990	88.4	94.9	0.86	1.8	0.7	6.0
Y560-6	1400	990	98.6	95.3	0.86	1.8	0.7	6.0
Y560-6	1600	990	112.6	95.4	0.86	1.8	0.7	6.0
Y560-8	800	740	59.8	94.2	0.82	1.8	0.7	6.0
Y560-8	900	740	67.2	94.3	0.82	1.8	0.7	6.0
Y560-8	1000	740	73.6	94.5	0.83	1.8	0.7	6.0
Y560-8	1120	740	82.3	94.7	0.83	1.8	0.7	6.0
Y560-10	560	590	44.6	92.9	0.78	1.8	0.7	6.0
Y560-10	630	590	50.1	93.1	0.78	1.8	0.7	6.0
Y560-10	710	590	56.3	93.3	0.78	1.8	0.7	6.0
Y560-10	800	590	61.6	93.8	0.80	1.8	0.7	6.0
Y560-10	900	590	69.1	94.0	0.80	1.8	0.7	6.0
Y560-12	400	495	34.4	92.0	0.73	1.8	0.7	6.0
Y560-12	450	495	38.6	92.2	0.73	1.8	0.7	6.0
Y560-12	500	495	42.8	92.5	0.73	1.8	0.7	6.0
Y560-12	560	495	47.0	92.9	0.74	1.8	0.7	6.0
Y560-12	630	495	52.8	93.1	0.74	1.8	0.7	6.0
Y630-2	2240	2975	150.2	95.7	0.90	1.8	0.6	7.0
Y630-2	2500	2975	167.6	95.7	0.90	1.8	0.6	7.0
Y630-2	2800	2975	187.7	95.7	0.90	1.8	0.6	7.0
Y630-2	3150	2975	210.9	95.8	0.90	1.8	0.6	7.0
Y630-4	2240	1490	151.7	95.8	0.89	1.8	0.6	7.0
Y630-4	2500	1490	169.3	95.8	0.89	1.8	0.6	7.0
Y630-4	2800	1490	189.6	95.8	0.89	1.8	0.6	7.0
Y630-4	3150	1490	213.1	95.9	0.89	1.8	0.6	7.0
Y630-6	1800	990	126.5	95.5	0.86	1.8	0.6	6.0

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y630-6	2000	990	140.5	95.6	0.86	1.8	0.6	6.0
Y630-6	2240	990	157.3	95.6	0.86	1.8	0.6	6.0
Y630-6	2500	990	175.6	95.6	0.86	1.8	0.6	6.0
Y630-8	1250	745	91.7	94.8	0.83	1.8	0.7	6.0
Y630-8	1400	745	102.6	94.9	0.83	1.8	0.7	6.0
Y630-8	1600	745	117.3	94.9	0.83	1.8	0.7	6.0
Y630-8	1800	745	131.9	94.9	0.83	1.8	0.7	6.0
Y630-10	1000	595	76.7	94.1	0.80	1.8	0.7	6.0
Y630-10	1120	595	85.8	94.2	0.80	1.8	0.7	6.0
Y630-10	1250	595	95.7	94.3	0.80	1.8	0.7	6.0
Y630-10	1400	595	107.1	94.3	0.80	1.8	0.7	6.0
Y630-10	1600	595	122.5	94.3	0.80	1.8	0.7	6.0
Y630-12	710	495	59.4	93.3	0.74	1.8	0.7	6.0
Y630-12	800	495	66.5	93.8	0.74	1.8	0.7	6.0
Y630-12	900	495	74.9	93.8	0.74	1.8	0.7	6.0
Y630-12	1000	495	83.2	93.8	0.74	1.8	0.7	6.0
Y630-12	1120	495	93.2	93.8	0.74	1.8	0.7	6.0
Y710-4	3550	1490	248.0	96.1	0.86	1.8	0.5	6.5
Y710-4	4000	1490	275.9	96.2	0.87	1.8	0.5	6.5
Y710-4	4500	1490	310.4	96.2	0.87	1.8	0.5	6.5
Y710-6	2800	990	200.9	95.8	0.84	1.8	0.6	6.5
Y710-6	3150	990	225.8	95.9	0.84	1.8	0.6	6.5
Y710-6	3550	990	254.2	96.0	0.84	1.8	0.6	6.5
Y710-8	2000	745	142.7	95.2	0.85	1.8	0.6	6.5
Y710-8	2240	745	159.7	95.3	0.85	1.8	0.6	6.5
Y710-8	2500	745	178.0	95.4	0.85	1.8	0.6	6.5
Y710-10	1800	595	133.7	94.8	0.82	1.8	0.6	6.0
Y710-10	2000	595	148.4	94.9	0.82	1.8	0.6	6.0
Y710-12	1250	495	98.2	94.2	0.78	1.8	0.6	6.0
Y710-12	1400	495	109.9	94.3	0.78	1.8	0.6	6.0
Y710-12	1600	495	123.9	94.4	0.79	1.8	0.6	6.0
Y710-16	710	370	60.2	93.3	0.73	1.8	0.6	6.0
Y710-16	800	370	67.7	93.4	0.73	1.8	0.6	6.0
Y710-16	900	370	76.1	93.5	0.73	1.8	0.6	6.0
Y710-16	1000	370	83.4	93.6	0.74	1.8	0.6	6.0



MOUNTING AND OVERALL DIMENSIONS OF Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6/10kV)

MOUNTING 、 DIMENSIONS AND TOLERANCE																
Frame	A		B		C		D		E		F		G		H	K
	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Limit deviation	Basic size
800	1600	±2. 8	2000	±2. 8	530		220	+0. 046 +0. 017	350	±0. 70	50	⁰ -0. 062	203		800	56
900	1800		2240			±4. 2	250		410		56	⁰ -0. 074	230	⁰ -0. 3	900	66
1000	2000	±3. 5	2500	±3. 5	600		280	+0. 052 +0. 020	470	±0. 77	63		260		1000	

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y800-4	5600	1485	634.6	96.5	0.88	1.8	0.5	6.5
Y800-4	6300	1485	713.2	96.6	0.88	1.8	0.5	6.5
Y800-4	7100	1485	802.9	96.7	0.88	1.8	0.5	6.5
Y800-6	4500	990	522.9	96.3	0.86	1.8	0.6	6.5
Y800-6	5000	990	580.4	96.4	0.86	1.8	0.6	6.5
Y800-6	5600	990	642.5	96.4	0.87	1.8	0.6	6.5
Y800-8	3150	745	372.2	95.8	0.85	1.8	0.6	6.5
Y800-8	3550	745	419.1	95.9	0.85	1.8	0.6	6.5
Y800-8	4000	745	466.2	96	0.86	1.8	0.6	6.5
Y800-10	2500	595	303.8	95.4	0.83	1.8	0.6	6.0
Y800-10	2800	595	339.9	95.5	0.83	1.8	0.6	6.0
Y800-10	3150	595	373.6	96.6	0.84	1.8	0.6	6.0
Y800-12	2000	495	253.5	94.9	0.80	1.8	0.6	6.0
Y800-12	2240	495	283.6	95	0.80	1.8	0.6	6.0
Y800-12	2500	495	312.0	95.2	0.81	1.8	0.6	6.0
Y800-16	1250	370	173.3	93.8	0.74	1.8	0.6	6.0
Y800-16	1400	370	193.9	93.9	0.74	1.8	0.6	6.0
Y800-16	1600	370	218.4	94	0.75	1.8	0.6	6.0
Y900-4	8000	1485	903.7	96.8	0.88	1.8	0.5	6.5
Y900-4	9000	1485	1015.6	96.9	0.88	1.8	0.5	6.5
Y900-4	10000	1485	1127.3	97	0.88	1.8	0.5	6.5
Y900-6	6300	990	722.1	96.5	0.87	1.8	0.6	6.5
Y900-6	7100	990	812.9	96.6	0.87	1.8	0.6	6.5
Y900-6	8000	990	915.1	96.7	0.87	1.8	0.6	6.5
Y900-8	4500	745	524.0	96.1	0.86	1.8	0.6	6.5
Y900-8	5000	745	581.6	96.2	0.86	1.8	0.6	6.5
Y900-8	5600	745	651.4	96.2	0.86	1.8	0.6	6.5
Y900-10	3550	595	425.0	95.7	0.84	1.8	0.6	6.0
Y900-10	4000	595	478.3	95.8	0.84	1.8	0.6	6.0
Y900-10	4500	595	538.1	95.8	0.84	1.8	0.6	6.0
Y900-10	5000	595	597.3	95.9	0.84	1.8	0.6	6.0

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y900-12	2800	495	349.0	95.3	0.81	1.8	0.6	6.0
Y900-12	3150	495	392.3	95.4	0.81	1.8	0.6	6.0
Y900-12	3550	495	441.6	95.5	0.81	1.8	0.6	6.0
Y900-16	1800	370	245.4	94.1	0.75	1.8	0.6	6.0
Y900-16	2000	370	272.4	94.2	0.75	1.8	0.6	6.0
Y900-16	2240	370	304.8	94.3	0.75	1.8	0.6	6.0
Y900-16	2500	370	339.8	94.4	0.75	1.8	0.6	6.0
Y1000-4	11200	1485	1247.1	97.1	0.89	1.8	0.5	6.5
Y1000-4	12500	1485	1390.4	97.2	0.89	1.8	0.5	6.5
Y1000-4	14000	1485	1555.7	97.3	0.89	1.8	0.5	6.5
Y1000-4	16000	1485	1776.1	97.4	0.89	1.8	0.5	6.5
Y1000-4	18000	1485	1996.1	97.5	0.89	1.8	0.5	6.5
Y1000-6	9000	990	1028.4	96.8	0.87	1.8	0.6	6.5
Y1000-6	10000	990	1141.5	96.9	0.87	1.8	0.6	6.5
Y1000-6	11200	990	1262.6	97	0.88	1.8	0.6	6.5
Y1000-6	12500	990	1407.7	97.1	0.88	1.8	0.6	6.5
Y1000-8	6300	745	732.0	96.3	0.86	1.8	0.6	6.5
Y1000-8	7100	745	824.1	96.4	0.86	1.8	0.6	6.5
Y1000-8	8000	745	927.6	96.5	0.86	1.8	0.6	6.5
Y1000-8	9000	745	1030.5	96.6	0.87	1.8	0.6	6.5
Y1000-8	10000	745	1143.8	96.7	0.87	1.8	0.6	6.5
Y1000-10	5600	595	668.9	95.9	0.84	1.8	0.6	6.0
Y1000-10	6300	595	751.8	96	0.84	1.8	0.6	6.0
Y1000-10	7100	595	847.2	96	0.84	1.8	0.6	6.0
Y1000-10	8000	595	953.6	96.1	0.84	1.8	0.6	6.0
Y1000-12	4000	495	497.1	95.6	0.81	1.8	0.6	6.0
Y1000-12	4500	495	559.2	95.6	0.81	1.8	0.6	6.0
Y1000-12	5000	495	620.7	95.7	0.81	1.8	0.6	6.0
Y1000-12	5600	495	695.2	95.7	0.81	1.8	0.6	6.0
Y1000-16	2800	370	380.2	94.5	0.75	1.8	0.6	6.0
Y1000-16	3150	370	421.6	94.6	0.76	1.8	0.6	6.0
Y1000-16	3550	370	474.6	94.7	0.76	1.8	0.6	6.0
Y1000-16	4000	370	534.2	94.8	0.76	1.8	0.6	6.0

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COSΦ	TM/Tn	TST/Tn	IST/In
Y800-4	5000	1490	344.6	96.3	0.87	1.8	0.5	6.5
Y800-4	5600	1490	385.9	96.3	0.87	1.8	0.5	6.5
Y800-4	6300	1490	433.7	96.4	0.87	1.8	0.5	6.5
Y800-6	4000	990	286.1	96.1	0.84	1.8	0.6	6.5
Y800-6	4500	990	321.9	96.1	0.84	1.8	0.6	6.5
Y800-6	5000	990	357.2	96.2	0.84	1.8	0.6	6.5
Y800-8	2800	745	199.2	95.5	0.85	1.8	0.6	6.5
Y800-8	3150	745	223.8	95.6	0.85	1.8	0.6	6.5
Y800-8	3550	745	252.0	95.7	0.85	1.8	0.6	6.5
Y800-10	2240	595	166.0	95.0	0.82	1.8	0.6	6.0
Y800-10	2500	595	185.1	95.1	0.82	1.8	0.6	6.0
Y800-10	2800	595	207.1	95.2	0.82	1.8	0.6	6.0
Y800-12	1800	495	139.2	94.5	0.79	1.8	0.6	6.0
Y800-12	2000	495	154.5	94.6	0.79	1.8	0.6	6.0
Y800-12	2240	495	172.9	94.7	0.79	1.8	0.6	6.0
Y800-16	1120	370	93.3	93.7	0.74	1.8	0.6	6.0
Y800-16	1250	370	104.0	93.8	0.74	1.8	0.6	6.0
Y800-16	1400	370	116.3	93.9	0.74	1.8	0.6	6.0
Y900-4	7100	1490	488.3	96.5	0.87	1.8	0.5	6.5
Y900-4	8000	1490	549.6	96.6	0.87	1.8	0.5	6.5
Y900-4	9000	1490	617.7	96.7	0.87	1.8	0.5	6.5
Y900-6	5600	990	390.8	96.2	0.86	1.8	0.6	6.5
Y900-6	6300	990	439.2	96.3	0.86	1.8	0.6	6.5
Y900-6	7100	990	494.5	96.4	0.86	1.8	0.6	6.5
Y900-8	4000	745	280.3	95.8	0.86	1.8	0.6	6.5
Y900-8	4500	745	315.0	95.9	0.86	1.8	0.6	6.5
Y900-8	5000	745	349.7	96.0	0.86	1.8	0.6	6.5
Y900-10	3150	595	229.9	95.3	0.83	1.8	0.6	6.0
Y900-10	3550	595	258.9	95.4	0.83	1.8	0.6	6.0
Y900-10	4000	595	291.4	95.5	0.83	1.8	0.6	6.0

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

Type	Output kW	Rated speed r/min	Rated Current A	Efficiency %	Power Factor COS Φ	TM/Tn	TST/Tn	IST/In
Y900-12	2500	495	190.3	94.8	0.80	1.8	0.6	6.0
Y900-12	2800	495	212.9	94.9	0.80	1.8	0.6	6.0
Y900-16	1600	370	131.0	94.0	0.75	1.8	0.6	6.0
Y900-16	1800	370	147.3	94.1	0.75	1.8	0.6	6.0
Y900-16	2000	370	163.4	94.2	0.75	1.8	0.6	6.0
Y1000-4	10000	1490	685.6	96.8	0.87	1.8	0.5	6.5
Y1000-4	11200	1490	758.3	96.9	0.88	1.8	0.5	6.5
Y1000-4	12500	1490	845.5	97.0	0.88	1.8	0.5	6.5
Y1000-4	14000	1490	946.0	97.1	0.88	1.8	0.5	6.5
Y1000-6	8000	990	556.6	96.5	0.86	1.8	0.6	6.5
Y1000-6	9000	990	625.5	96.6	0.86	1.8	0.6	6.5
Y1000-6	10000	990	694.3	96.7	0.86	1.8	0.6	6.5
Y1000-6	11200	990	759.1	96.8	0.88	1.8	0.6	6.5
Y1000-8	5600	745	391.2	96.1	0.86	1.8	0.6	6.5
Y1000-8	6300	745	439.7	96.2	0.86	1.8	0.6	6.5
Y1000-8	7100	745	495.0	96.3	0.86	1.8	0.6	6.5
Y1000-8	8000	745	557.1	96.4	0.86	1.8	0.6	6.5
Y1000-8	9000	745	618.9	96.5	0.87	1.8	0.6	6.5
Y1000-10	4500	595	327.4	95.6	0.83	1.8	0.6	6.0
Y1000-10	5000	595	363.4	95.7	0.83	1.8	0.6	6.0
Y1000-10	5600	595	406.6	95.8	0.83	1.8	0.6	6.0
Y1000-10	6300	595	457.0	95.9	0.83	1.8	0.6	6.0
Y1000-10	7100	595	514.5	96.0	0.83	1.8	0.6	6.0
Y1000-12	3150	495	239.3	95.0	0.80	1.8	0.6	6.0
Y1000-12	3550	495	269.4	95.1	0.80	1.8	0.6	6.0
Y1000-12	4000	495	303.2	95.2	0.80	1.8	0.6	6.0
Y1000-12	4500	495	340.8	95.3	0.80	1.8	0.6	6.0
Y1000-12	5000	495	378.3	95.4	0.80	1.8	0.6	6.0
Y1000-16	2240	370	182.9	94.3	0.75	1.8	0.6	6.0
Y1000-16	2500	370	203.9	94.4	0.75	1.8	0.6	6.0
Y1000-16	2800	370	228.1	94.5	0.75	1.8	0.6	6.0
Y1000-16	3150	370	256.3	94.6	0.75	1.8	0.6	6.0
Y1000-16	3550	370	288.9	94.6	0.75	1.8	0.6	6.0