INDUSQUIP MARKETING CC

WEM ELECTRIC MOTORS & DRIVES

Y SERIES HIGH VOLTAGE SQUIRREL CAGE INDUCTION MOTORS
IP23 PROTECTION, INSULATION CLASS F, 6600V & 11000V, 3 PHASE, 50HZ
PERFORMANCE DATA

Motor Type	kW	A 6600V	A 11000V	r/min	EFF %	cos Ø	Tmax	Tst	Ist	kg
Y710-1-4	3150	329	197	1500	96.3	0.87	1.8	0.5	6.5	10900
Y710-2-4	3550	371	223	1500	96.3	0.87	1.8	0.5	6.5	11400
Y710-3-4	4000	417	250	1500	96.4	0.87	1.8	0.5	6.5	11900
Y710-4-4	4500	469	281	1500	96.4	0.87	1.8	0.5	6.5	12400
Y800-1-4	5000	515	309	1500	96.5	0.88	1.8	0.5	6.5	15800
Y800-2-4	5600	577	346	1500	96.5	0.88	1.8	0.5	6.5	16600
Y800-3-4	6300	648	389	1500	96.6	0.88	1.8	0.5	6.5	17400
Y900-1-4	7100	730	438	1500	96.7	0.88	1.8	0.5	6.5	24400
Y900-2-4	8000	822	493	1500	96.8	0.88	1.8	0.5	6.5	25700
Y900-3-4	9000	924	554	1500	96.9	0.88	1.8	0.5	6.5	27000
Y710-1-6	2240	236	142	1000	96.0	0.86	1.8	0.6	6.5	10800
Y710-2-6	2500	265	159	1000	96.1	0.86	1.8	0.6	6.5	11300
Y710-3-6	2800	296	178	1000	96.1	0.86	1.8	0.6	6.5	11800
Y710-4-6	3150	333	200	1000	96.2	0.86	1.8	0.6	6.5	12300
Y800-1-6	3550	375	225	1000	96.2	0.86	1.8	0.6	6.5	15200
Y800-2-6	4000	423	254	1000	96.3	0.86	1.8	0.6	6.5	16000
Y800-3-6	4500	475	285	1000	96.3	0.86	1.8	0.6	6.5	16800
Y800-4-6	5000	527	316	1000	96.4	0.86	1.8	0.6	6.5	17600
Y900-1-6	5600	584	350	1000	96.4	0.87	1.8	0.6	6.5	24300
Y900-2-6	6300	656	394	1000	96.5	0.87	1.8	0.6	6.5	25600
Y900-3-6	7100	739	443	1000	96.6	0.87	1.8	0.6	6.5	26900
Y1000-1-6	8000	831	499	1000	96.7	0.87	1.8	0.6	6.5	28500
Y1000-2-6	9000	934	560	1000	96.8	0.87	1.8	0.6	6.5	30000
Y1000-3-6	10000	1037	622	1000	96.9	0.87	1.8	0.6	6.5	31500
Y710-1-8	1800	195	117	750	95.4	0.85	1.8	0.6	6.5	11200
Y710-2-8	2000	215	129	750	95.5	0.85	1.8	0.6	6.5	11700
Y710-3-8	2240	241	145	750	95.6	0.85	1.8	0.6	6.5	12200
Y800-1-8	2500	269	161	750	95.7	0.85	1.8	0.6	6.5	15200
Y800-2-8	2800	301	181	750	95.8	0.85	1.8	0.6	6.5	16000
Y800-3-8	3150	338	203	750	95.8	0.85	1.8	0.6	6.5	16800
Y800-4-8	3550	381	229	750	95.9	0.85	1.8	0.6	6.5	17600

Other voltages available on request

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Motor Type	kW	A 6600V	A 11000V	r/min	EFF %	cos Ø	Tmax	Tst	Ist	kg
Y900-1-8	4000	424	254	750	96.0	0.86	1.8	0.6	6.5	24100
Y900-2-8	4500	476	286	750	96.1	0.86	1.8	0.6	6.5	25400
Y900-3-8	5000	529	317	750	96.2	0.86	1.8	0.6	6.5	26700
Y1000-1-8	5600	592	355	750	96.2	0.86	1.8	0.6	6.5	27500
Y1000-2-8	6300	665	399	750	96.3	0.86	1.8	0.6	6.5	29000
Y1000-3-8	7100	749	449	750	96.4	0.86	1.8	0.6	6.5	30500
Y1000-4-8	8000	844	506	750	96.5	0.86	1.8	0.6	6.5	32000
Y710-1-10	1600	177	106	600	95.0	0.83	1.8	0.6	6.0	11100
Y710-2-10	1800	199	119	600	95.1	0.83	1.8	0.6	6.0	11600
Y710-3-10	2000	222	133	600	95.2	0.83	1.8	0.6	6.0	12100
Y800-1-10	2240	247	148	600	95.3	0.83	1.8	0.6	6.0	15500
Y800-2-10	2500	276	166	600	95.4	0.83	1.8	0.6	6.0	16300
Y800-3-10	2800	309	185	600	95.5	0.83	1.8	0.6	6.0	17100
Y900-1-10	3150	343	206	600	95.6	0.84	1.8	0.6	6.0	23900
Y900-2-10	3550	386	232	600	95.7	0.84	1.8	0.6	6.0	25200
Y900-3-10	4000	435	261	600	95.8	0.84	1.8	0.6	6.0	26500
Y900-4-10	4500	489	293	600	95.8	0.84	1.8	0.6	6.0	27800
Y1000-1-10	5000	543	326	600	95.9	0.84	1.8	0.6	6.0	27300
Y1000-2-10	5600	608	365	600	95.9	0.84	1.8	0.6	6.0	28800
Y1000-3-10	6300	684	410	600	96.0	0.84	1.8	0.6	6.0	30300
Y1000-4-10	7100	770	462	600	96.0	0.84	1.8	0.6	6.0	31800
Y710-1-12	1120	131	79	500	94.5	0.79	1.8	0.6	6.0	11000
Y710-2-12	1250	146	88	500	94.6	0.79	1.8	0.6	6.0	11500
Y710-3-12	1400	164	98	500	94.7	0.79	1.8	0.6	6.0	12000
Y800-1-12	1600	185	111	500	94.7	0.80	1.8	0.6	6.0	15000
Y800-2-12	1800	207	124	500	94.8	0.80	1.8	0.6	6.0	15700
Y800-3-12	2000	230	138	500	94.9	0.80	1.8	0.6	6.0	16400
Y800-4-12	2240	258	155	500	95.0	0.80	1.8	0.6	6.0	17100
Y900-1-12	2500	284	170	500	95.2	0.81	1.8	0.6	6.0	24800
Y900-2-12	2800	317	190	500	95.3	0.81	1.8	0.6	6.0	26000
Y900-3-12	3150	356	214	500	95.4	0.81	1.8	0.6	6.0	27200

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Y1000-1-12	3550	402	241	500	95.5	0.81	1.8	0.6	6.5	27100
Y1000-2-12	4000	452	271	500	95.6	0.81	1.8	0.6	6.5	28600
Y1000-3-12	4500	508	305	500	95.6	0.81	1.8	0.6	6.5	30100
Y1000-4-12	5000	564	338	500	95.7	0.81	1.8	0.6	6.5	31600
Y710-1-16	630	81	49	375	93.1	0.73	1.8	0.6	6.5	10400
Y710-2-16	710	91	55	375	93.3	0.73	1.8	0.6	6.5	10900
Y710-3-16	800	103	62	375	93.4	0.73	1.8	0.6	6.5	11400
Y710-4-16	900	115	69	375	93.5	0.73	1.8	0.6	6.0	11900
Y800-1-16	1000	126	76	375	93.6	0.74	1.8	0.6	6.0	15000
Y800-2-16	1120	141	85	375	93.7	0.74	1.8	0.6	6.0	15700
Y800-3-16	1250	157	94	375	93.8	0.74	1.8	0.6	6.0	16400
Y800-4-16	1400	176	106	375	93.9	0.74	1.8	0.6	6.0	17100
Y900-1-16	1600	198	119	375	94.0	0.75	1.8	0.6	6.0	24800
Y900-2-16	1800	223	134	375	94.1	0.75	1.8	0.6	6.0	26000
Y900-3-16	2000	247	148	375	94.2	0.75	1.8	0.6	6.0	27200
Y1000-1-16	2240	274	164	375	94.3	0.75	1.8	0.6	6.0	28400
Y1000-2-16	2500	309	185	375	94.4	0.75	1.8	0.6	6.0	29900
Y1000-3-16	2800	345	207	375	94.5	0.75	1.8	0.6	6.0	31400

Other voltages available on request