

INDUSQUIP MARKETING CC



ELECTRIC MOTORS & DRIVES



Y2 HV SERIES COMPACT TEFC MOTORS - PERFORMANCE DATA

HIGH VOLTAGE TOTALLY ENCLOSED FAN COOLED MOTOR, 3 PHASE - 3300 & 6600 VOLT

Motor Type	Rated Power		Current		Rated Speed r/min	Power Factor cos Ø	Efficiency %	Locked Current Rated Current	Locked Torque Rated Torque	Break-down Torque Rated Torque	Weight kg
	KW	HP	3300V	6600V							
Y2 HV 355 1-2	185	245	41.0	20.5	2980	0.84	93.9	7.0	0.7	2.0	1800
Y2 3HV 55 2-2	200	265	44.4	22.2	2980	0.84	94.0	7.0	0.7	2.0	1900
Y2 HV 355 3-2	220	290	48.6	24.3	2980	0.84	94.2	7.0	0.7	2.0	2000
Y2 HV 355 4-2	250	330	55.2	27.6	2980	0.84	94.4	7.0	0.7	2.0	2100
Y2 HV 355 5-2	280	370	60.2	30.1	2980	0.86	94.6	7.0	0.7	2.0	2200
Y2 HV 355 1-4	185	245	41.2	20.6	1480	0.84	93.7	6.5	0.8	2.0	1800
Y2 HV 355 2-4	200	265	44.4	22.2	1480	0.84	93.9	6.5	0.8	2.0	1900
Y2 HV 355 3-4	220	290	48.6	24.3	1480	0.84	94.1	6.5	0.8	2.0	2000
Y2 HV 355 4-4	250	330	55.2	27.6	1480	0.84	94.3	6.5	0.8	2.0	2100
Y2 HV 355 5-4	280	370	61.8	30.9	1480	0.84	94.5	6.5	0.8	2.0	2200
Y2 HV 355 3-6	160	210	37.4	18.7	985	0.80	93.4	6.0	0.8	2.0	2100
Y2 HV 355 4-6	185	245	43.2	21.6	985	0.80	93.5	6.0	0.8	2.0	2200
Y2 HV 355 5-6	200	265	46.8	23.4	985	0.80	93.6	6.0	0.8	2.0	2300
Y2 HV 400 1-2	315	420	67.6	33.8	2980	0.86	94.8	7.0	0.7	2.0	2800
Y2 HV 400 2-2	355	470	76.2	38.1	2980	0.86	94.9	7.0	0.7	2.0	2900
Y2 HV 400 3-2	400	530	85.6	42.8	2980	0.86	95.1	7.0	0.7	2.0	3000
Y2 HV 400 4-2	450	600	96.2	48.1	2980	0.86	95.2	7.0	0.7	2.0	3100
Y2 HV 400 1-4	315	420	68.6	34.3	1485	0.85	94.6	6.5	0.8	2.0	2900
Y2 HV 400 2-4	355	470	77.0	38.5	1485	0.85	94.8	6.5	0.8	2.0	3000
Y2 HV 400 3-4	400	530	86.6	43.3	1485	0.85	95.0	6.5	0.8	2.0	3100
Y2 HV 400 4-4	450	600	97.2	48.6	1485	0.85	95.2	6.5	0.8	2.0	3200
Y2 HV 400 1-6	220	290	50.0	25.0	990	0.82	93.8	6.0	0.8	2.0	2800
Y2 HV 400 2-6	250	330	56.8	28.4	990	0.82	93.9	6.0	0.8	2.0	2900
Y2 HV 400 3-6	280	370	63.4	31.7	990	0.82	94.1	6.0	0.8	2.0	3000
Y2 HV 400 4-6	315	420	71.2	35.6	990	0.82	94.3	6.0	0.8	2.0	3200
Y2 HV 400 1-8	160	210	39.6	19.8	740	0.76	93.2	5.5	0.8	2.0	2900

NOTE: PERFORMANCE DATA FOR 11000 VOLT UNITS AVAILABLE ON REQUEST.

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Motor Type	Rated Power		Current		Rated Speed r/min	Power Factor cos Ø	Efficiency %	Locked Current Rated Current	Locked Torque Rated Torque	Break-down Torque Rated Torque	Weight kg
	KW	HP	3300V	6600V							
Y2 HV 400 2-8	180	245	45.6	22.8	740	0.76	93.3	5.5	0.8	2.0	3000
Y2 HV 400 3-8	200	265	48.6	24.3	740	0.77	93.5	5.5	0.8	2.0	3100
Y2 HV 400 4-8	220	290	53.4	26.7	740	0.77	93.7	5.5	0.8	2.0	3200
Y2 HV 450 1-2	500	665	105.6	52.8	2975	0.87	95.3	7.0	0.7	2.0	3400
Y2 HV 400 2-2	560	745	118.0	59.0	2975	0.87	95.4	7.0	0.7	2.0	3500
Y2 HV 450 3-2	630	840	132.6	66.3	2975	0.87	95.5	7.0	0.7	2.0	3600
Y2 HV 450 4-2	710	945	149.2	74.6	2975	0.87	95.7	7.0	0.7	2.0	3700
Y2 HV 450 1-4	500	665	106.8	53.4	1485	0.86	95.3	6.5	0.8	2.0	3500
Y2 HV 450 2-4	560	745	119.4	59.7	1485	0.86	95.4	6.5	0.8	2.0	3600
Y2 HV 450 3-4	630	840	134.2	67.1	1485	0.86	95.5	6.5	0.8	2.0	3700
Y2 HV 450 4-4	710	945	151.0	75.5	1485	0.86	95.6	6.5	0.8	2.0	3800
Y2 HV 450 1-6	355	470	79.2	39.6	985	0.83	94.5	6.0	0.8	2.0	3400
Y2 HV 450 2-6	400	530	89.2	44.6	985	0.83	94.6	6.0	0.8	2.0	3500
Y2 HV 450 3-6	450	600	100.2	50.1	985	0.83	94.7	6.0	0.8	2.0	3600
Y2 HV 450 4-6	500	665	111.0	55.5	985	0.83	94.9	6.0	0.8	2.0	3700
Y2 HV 450 1-8	250	330	59.8	29.9	740	0.78	93.9	5.5	0.8	2.0	3400
Y2 HV 450 2-8	280	370	66.8	33.4	740	0.78	94.1	5.5	0.8	2.0	3500
Y2 HV 450 3-8	315	420	75.0	37.5	740	0.78	94.2	5.5	0.8	2.0	3600
Y2 HV 450 4-8	355	470	84.4	42.2	740	0.78	94.4	5.5	0.8	2.0	3700
Y2 HV 500 1-2	800	1065	166.4	83.2	2980	0.88	95.6	7.0	0.7	2.0	4300
Y2 HV 500 2-2	900	1200	187.0	93.5	2980	0.88	95.7	7.0	0.7	2.0	4400
Y2 HV 500 1-4	800	1065	170.0	85.0	1485	0.86	95.7	6.5	0.8	2.0	4500
Y2 HV 500 2-4	900	1200	191.2	95.6	1485	0.86	95.8	6.5	0.8	2.0	4700
Y2 HV 500 3-4	1000	1330	212.0	106.0	1485	0.86	95.9	6.5	0.8	2.0	5200
Y2 HV 500 4-4	1120	1490	238.0	119.0	1485	0.86	96.0	6.5	0.8	2.0	5400
Y2 HV 500 1-6	560	745	124.2	62.1	990	0.83	95.1	6.0	0.8	2.0	4300

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Motor Type	Rated Power		Current		Rated Speed	Power Factor	Efficiency	Locked Current	Locked Torque	Break-down Torque	Weight
	KW	HP	3300V	6600V	r/min	cos Ø	%	Rated Current	Rated Torque	Rated Torque	kg
Y2 HV 500 2-6	630	840	139.4	69.7	990	0.83	95.2	6.0	0.8	2.0	4500
Y2 HV 500 3-6	710	945	157.0	78.5	990	0.83	95.3	6.0	0.8	2.0	4700
Y2 HV 500 4-6	800	1065	176.8	88.4	990	0.83	95.4	6.0	0.8	2.0	4900
Y2 HV 500 1-8	400	530	93.8	46.9	740	0.79	94.5	5.5	0.8	2.0	4400
Y2 HV 500 2-8	450	600	105.4	52.7	740	0.79	94.6	5.5	0.8	2.0	4600
Y2 HV 500 3-4	500	665	115.4	57.7	740	0.80	94.8	5.5	0.8	2.0	4800
Y2 HV 500 4-8	560	745	129.0	64.5	740	0.80	94.9	5.5	0.8	2.0	4900
Y2 HV 560 1-4	1250	1665	262.0	131.0	1490	0.87	96.1	6.5	0.7	2.0	5600
Y2 HV 560 2-4	1400	1865	292.0	146.0	1490	0.87	96.2	6.5	0.7	2.0	5900
Y2 HV 560 3-4	1600	2130	334.0	167.0	1490	0.87	96.4	6.5	0.7	2.0	6400
Y2 HV 560 1-6	900	1200	196.0	98.0	990	0.84	95.6	6.0	0.7	2.0	5200
Y2 HV 560 2-6	1000	1330	218.0	109.0	990	0.84	95.7	6.0	0.7	2.0	5500
Y2 HV 560 3-6	1120	1490	244.0	122.0	990	0.84	95.8	6.0	0.7	2.0	6000
Y2 HV 560 4-6	1250	1665	272.0	136.0	990	0.84	95.9	6.0	0.7	2.0	6300
Y2 HV 560 1-8	630	840	143.0	71.5	740	0.81	95.1	5.5	0.7	2.0	5400
Y2 HV 560 2-8	710	945	161.0	80.5	740	0.81	95.3	5.5	0.7	2.0	5700
Y2 HV 560 3-8	800	1065	181.2	90.6	740	0.81	95.4	5.5	0.7	2.0	6000
Y2 HV 560 4-8	900	1200	204.0	102.0	740	0.81	95.6	5.5	0.7	2.0	6300

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