

**DATI ELETTRICI MOTORI TRIFASE V400 HZ50**  
**TECHNICAL DATA THREE-PHASE MOTORS V400 HZ50**

TIPO Type	POTENZA OUTPUT	VELOCITA' SPEED	CORRENTE CURRENT	RENDIMENTO EFFICIENCY	FATTORE DI POTENZA POWER FACTOR	CORRENTE DI SPUNTO STARTING CURRENT	COPIA DI SPUNTO STARTING TORQUE	COPPIA MASSIMA MAXIMUM TORQUE	MOMENTO D'INERZIA MOMENT OF INERTIA	PESO MASS
-	P2	n	I <sub>r</sub>	η	cos φ	I <sub>s</sub> /I <sub>r</sub>	M <sub>s</sub> /M <sub>r</sub>	M <sub>max</sub> /M <sub>R</sub>	J	m
-	KW HP	RPM	A	%	-	-	-	-	Kgm	Kg

**2 POLI**

TV 56A-2	0.09 0.12	2850	0.26	63	0.79	4.4	2	2.7	0.000095	2.8
TV 56B-2	0.12 0.16	2830	0.37	64	0.74	4	2.3	2.5	0.000095	2.8
TV 63A-2	0.18 0.25	2770	0.49	64	0.81	3.9	2.1	2.4	0.000141	3.8
TV 63B-2	0.25 0.33	2770	0.67	69	0.78	4.1	2.25	2.5	0.000188	4.2
TV 71A-2	0.37 0.50	2760	0.87	72	0.86	5	2.2	2.2	0.00073	4.9
TV 71B-2	0.55 0.75	2760	1.25	75	0.85	5	2.2	2.2	0.00092	5.6
TV 80A-2	0.75 1.00	2820	1.66	78.5	0.83	6	2.1	2.2	0.00095	8.9
TV 80B-2	1.1 1.5	2800	2.42	79	0.83	6	2.1	2.2	0.0011	9.7
TV 90S-2	1.5 2.0	2850	3.15	82.5	0.85	7	3	3.4	0.0018	14
TV 90L-2	2.2 3.0	2850	4.4	83.5	0.87	7	3	3	0.0021	16
TV 100L-2	3.0 4.0	2850	5.8	84.5	0.88	7	2	2.2	0.0036	26
TV 100LB-2	4.0 5.5	2850	7.6	87	0.88	7.5	2	2.2	0.0058	27
TV 112M-2	4.0 5.5	2850	7.6	87	0.88	7.5	2	2.2	0.0059	29.8
TV 112L-2	5.5 7.5	2850	10.3	88	0.88	7.5	2.1	2.4	0.01	35.2
TV 132SA-2	5.5 7.5	2895	11	86	0.89	6.5	2.4	3	0.0155	43
TV 132SB-2	7.5 10.0	2895	15	87	0.89	7	2.5	3.2	0.0185	49
TV 132MA-2	9.2 12.5	2900	16.8	88	0.88	7	2.5	3.2	0.0255	54
TV 132MB-2	11 15.0	2900	20	88	0.9	7	2.1	3.1	0.028	63
TV 160MA-2	11 15.0	2930	20.2	88.4	0.89	6.8	2	3.3	0.038	125
TV 160MB-2	15 20	2930	27.3	89	0.89	7.5	2	3.2	0.047	135
TV 160L-2	18.5 25	2930	33	90	0.9	7.5	2	3.2	0.055	153
TV 180M-2	22 30	2940	39	90	0.9	7.5	2.1	3.5	0.075	175
TV 200LA-2	30 40	2940	53	91.1	0.9	7	2.3	3.6	0.124	265
TV 200LB-2	37 50	2950	64.5	92	0.9	7.5	2.3	3.2	0.139	285
TV 225M-2	45 60	2950	77.3	92.3	0.91	7.5	2.4	3.3	0.233	336
TV 250M-2	55 75	2960	95.4	92.5	0.9	7.5	2.3	4	0.312	430
TV 280S-2	75 100	2970	129	93.4	0.9	7.5	2.6	4	0.412	535
TV 280M-2	90 125	2970	153	93.5	0.91	7.5	2.7	4	0.675	577
TV 315S-2	110 150	2975	185	94.1	0.91	8	3	4	1.18	1100
TV 315M-2	132 180	2975	219	94.5	0.92	8.5	2.5	3	1.55	1150
TV 315LA-2	160 220	2975	265	94.6	0.91	7.5	2.2	3.8	1.76	1195
TV 315LB-2	200 270	2975	331	94.8	0.92	7.5	2.2	3.8	2.02	1255
TV 355M-2	250 315	2985	446	95.1	0.85	7.5	2.3	3.7	3.56	1920
TV 355L-2	315 430	2985	553	95.6	0.86	7.4	2.2	3.8	4.15	2060

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-	P2	n	I <sub>r</sub>	η	cos φ	I <sub>s</sub> /I <sub>r</sub>	M <sub>s</sub> /M <sub>r</sub>	M <sub>max</sub> /M <sub>R</sub>	J	m
-	KW HP	RPM	A	%	-	-	-	-	Kgm	Kg

**4 POLI**

TV56A-4	0.06 0.09	1400	0.25	54	0.64	3	2.1	2.4	0.000155	2.5
TV56B-4	0.09 0.12	1380	0.37	56	0.63	2.9	2.4	2.5	0.000199	2.9
TV63A-4	0.12 0.16	1340	0.42	59	0.7	3	2	2.1	0.000177	3.7
TV63B-4	0.18 0.25	1320	0.58	62	0.72	3	2	2	0.000231	4.1
TV71A-4	0.25 0.33	1370	0.8	68	0.67	5	2.3	2.2	0.0011	5
TV71B-4	0.37 0.50	1370	1.13	68	0.7	5	2.3	2.2	0.0014	5.7
TV71C-4	0.55 0.75	1360	1.75	69	0.66	3.5	2.2	2.3	0.0012	7.3
TV80A-4	0.55 0.75	1400	1.53	71	0.73	5	2.3	2.4	0.0013	8.3
TV80B-4	0.75 1.00	1400	1.8	75	0.8	5	2.5	2.6	0.0015	9.6
TV90S-4	1.1 1.5	1410	2.6	75.5	0.81	6	2.5	2.6	0.0034	12.2
TV90L-4	1.5 2.0	1410	3.4	78.5	0.84	6	2.5	2.6	0.0036	15.4
TV90LB-4	2.2 3.0	1400	5.1	79	0.82	5.6	2.2	2.6	0.00503	17
TV100LA-4	2.2 3.0	1420	4.84	81	0.81	6.5	2.2	2.4	0.0053	24.6
TV100LB-4	3.0 4.0	1420	6.3	82	0.84	7	2.2	2.6	0.0058	26.6
TV112M-4	4.0 5.5	1410	8.1	85	0.84	6	2.1	2.4	0.0105	33.6
TV112N-4	5.5 7.5	1410	12.1	82	0.8	6	2.2	2.6	0.013	34.5
TV132S-4	5.5 7.5	1450	11.3	87	0.85	7	2.4	3	0.0229	45
TV132M-4	7.5 10.0	1455	15.6	88	0.83	7	2.8	3.2	0.0277	52
TV132MA-4	9.2 12.5	1425	17.4	88	0.87	6.5	2.7	3.2	0.0409	60
TV132MB-4	11 15.0	1460	22	89	0.86	7	2.7	3.1	0.0588	64
TV160M-4	11 15.0	1445	21.3	88.7	0.84	6.5	1.8	2.8	0.075	125
TV160L-4	15 20	1455	28.6	90	0.84	7	1.9	2.9	0.092	147
TV180M-4	18.5 25	1470	34.3	90	0.86	7	1.9	2.9	0.139	170
TV180L-4	22 30	1470	39.7	91	0.88	7	2.1	2.8	0.158	185
TV200L-4	30 40	1470	53.5	92	0.88	7	2.3	3.2	0.262	285
TV225S-4	37 50	1475	67	92	0.87	7.5	2.2	3.5	0.406	338
TV225M-4	45 60	1475	81	92.4	0.87	7	2.2	3.2	0.469	358
TV250M-4	55 75	1475	98	92.8	0.87	7.5	2.6	3.4	0.66	450
TV280S-4	75 100	1480	132	93.5	0.88	7	2.5	3.2	1.12	563
TV280M-4	90 125	1480	155	94	0.89	7	2.5	3.2	1.46	635
TV315S-4	110 150	1485	191	94.4	0.88	7	2.7	3.3	3.11	1125
TV315M-4	132 180	1485	231	94.6	0.87	7	2.5	2.7	3.29	1175
TV315LA-4	160 220	1485	281	95.5	0.86	7	2.5	2.7	3.79	1240
TV315LB-4	200 270	1485	342	96	0.88	7	2.6	2.7	4.49	1340
TV355M-4	250 315	1485	422	95	0.9	7	2.6	2.7	5.67	2020
TV355L-4	315 430	1485	523	95.5	0.91	7	2.5	2.6	6.66	2180

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TIPO <i>Type</i>	POTENZA OUTPUT	VELOCITA' SPEED	CORRENTE CURRENT	RENDIMENTO EFFICIENCY	FATTORE DI POTENZA POWER FACTOR	CORRENTE DI SPUNTO STARTING CURRENT	COPIA DI SPUNTO STARTING TORQUE	COPPIA MASSIMA MAXIMUM TORQUE	MOMENTO D'INERZIA MOMENT OF INERTIA	PESO MASS
-	P2	n	Ir	η	cos φ	Is/Ir	Ms/Mr	Mmax/MR	J	m
-	KW HP	RPM	A	%	-	-	-	-	Kgm	Kg

**6 POLI**

TV 63B-6	0.12 0.16	880	0.6	56	0.6	3.5	2	2.1	0.0011	4.2
TV 71A-6	0.18 0.25	885	0.75	56	0.62	3.7	2	2.2	0.002	4.5
TV 71B-6	0.25 0.33	885	1	59	0.62	3.7	2	2.2	0.0021	5.4
TV 80A-6	0.37 0.50	915	1.25	65	0.66	4.5	2	2.2	0.0023	8.6
TV 80B-6	0.55 0.75	915	1.65	68.5	0.7	4.5	2	2.2	0.0025	10.1
TV 90S-6	0.75 1.00	920	2.1	70.5	0.72	4.5	2.2	2.3	0.0034	13.3
TV 90L-6	1.1 1.5	920	2.9	74.5	0.74	4	2.3	2.4	0.0049	16.5
TV 100L-6	1.5 2.0	925	4	76	0.72	6	2	2.2	0.0071	25.8
TV 112M-6	2.2 3.0	945	5.3	81	0.74	6	1.9	2.1	0.0123	30.9
TV 132S-6	3.0 4.0	960	7	83	0.79	5.9	2.2	2.6	0.0252	41
TV 132MA-6	4.0 5.5	960	9	84	0.8	6	2.2	2.6	0.0368	50
TV 132MB-6	5.5 7.5	950	12.2	83	0.82	5	2.2	2.5	0.0434	56
TV 160M-6	7.5 10.0	965	16.1	87.5	0.77	6	2	2.8	0.088	122
TV 160L-6	11 15.0	965	23	88.4	0.78	6.5	2.2	2.9	0.115	147
TV 180L-6	15 20	970	30.2	88.6	0.81	7	2.3	3	0.207	180
TV 200LA-6	18.5 25	975	36.2	90	0.82	5.5	1.8	2.7	0.315	260
TV 200LB-6	22 30	975	42	90	0.84	6	2	2.5	0.35	270
TV 225M-6	30 40	980	56.3	91.5	0.84	6.5	2	2.7	0.547	330
TV 250M-6	37 50	980	66.7	92.1	0.87	6.5	2	2.7	0.835	425
TV 280S-6	45 60	985	81	92	0.87	6	2.4	2.5	1.4	520
TV 280M-6	55 75	985	99	92.6	0.87	5.5	2.7	2.8	1.65	570
TV 315S-6	75 100	985	135	94.2	0.85	7.5	2	3.2	4.1	1070
TV 315M-6	90 125	985	162	94.4	0.85	7.5	2	3.2	4.28	1120
TV 315LA-6	110 150	985	198	94.3	0.85	7	1.4	2.7	5.45	1200
TV 315LB-6	132 180	990	232	94.5	0.87	7	1.5	2.8	6.12	1290
TV 355MA-6	160 220	990	276	95	0.88	7	1.4	2.7	8.85	1940
TV 355MB-6	200 270	990	342	96	0.88	7	1.4	2.7	9.55	2040
TV 355L-6	250 315	990	422	96	0.89	7	1.5	2.7	10.63	2220

**DATI ELETTRICI MOTORI TRIFASE V400 HZ50**  
**TECHNICAL DATA THREE-PHASE MOTORS V400 HZ50**

TIPO <i>Type</i>	POTENZA OUTPUT	VELOCITA' SPEED	CORRENTE CURRENT	RENDIMENTO EFFICIENCY	FATTORE DI POTENZA POWER FACTOR	CORRENTE DI SPUNTO STARTING CURRENT	COPIA DI SPUNTO STARTING TORQUE	COPPIA MASSIMA MAXIMUM TORQUE	MOMENTO D'INERZIA MOMENT OF INERTIA	PESO MASS
-	P2	n	I <sub>r</sub>	η	cos φ	I <sub>s</sub> /I <sub>r</sub>	M <sub>s</sub> /M <sub>r</sub>	M <sub>max</sub> /M <sub>R</sub>	J	m
-	KW HP	RPM	A	%	-	-	-	-	Kgm	Kg

**8 POLI**

TV 71B-8	0.12 0.16	660	0.78	39.5	0.57	1.9	1.6	1.9	0.00108	6
TV 80A-8	0.18 0.25	700	0.95	48	0.58	2.3	1.7	2.1	0.00194	8
TV 80B-8	0.25 0.33	700	1.25	53	0.56	2.4	2	2.3	0.00221	9.2
TV 90S-8	0.37 0.50	690	1.3	63	0.63	4	2.2	2.3	0.0038	13.3
TV 90L-8	0.55 0.75	690	1.7	68	0.63	4	2.3	2.4	0.005	16.4
TV 100LA-8	0.75 1.00	705	1.99	75	0.73	4	1.4	2	0.0093	23.4
TV 100LB-8	1.1 1.5	700	2.86	77	0.72	3.5	1.4	2	0.01	25.2
TV 112M-8	1.5 2.0	700	3.76	76	0.76	3.7	1.6	2	0.012	30.4
TV 132S-8	2.2 3.0	705	5.6	75	0.75	4	1.7	2.3	0.053	46
TV 132M-8	3.0 4.0	700	7.4	78	0.75	4	1.7	2.3	0.0625	53
TV 160MA-8	4.0 5.5	720	9.6	81.4	0.74	4.8	1.8	2.2	0.075	110
TV 160MB-8	5.5 7.5	720	12.5	85.5	0.74	4.8	1.8	2.2	0.093	120
TV 160L-8	7.5 10.0	720	16.7	86.6	0.75	5.5	1.8	2.4	0.125	145
TV 180L-8	11 15.0	720	24	87	0.76	5.5	1.8	2.4	0.203	170
TV 200L-8	15 20	730	32	89	0.76	5.7	2	2.5	0.34	265
TV 225S-8	18.5 25	730	39.7	89.7	0.75	5.8	2.1	2.5	0.49	315
TV 225M-8	22 30	730	45	90.3	0.78	6	2	2.5	0.547	325
TV 250M-8	30 40	730	60.7	90.3	0.79	6	2	3	0.83	430
TV 280S-8	37 50	740	73.4	91	0.8	5.5	1.7	2.5	1.4	520
TV 280M-8	45 60	740	87.6	91.5	0.81	4	1.7	2	1.65	575
TV 315S-8	55 75	740	105	93.3	0.81	6.5	1.9	3	4.8	1040
TV 315M-8	75 100	740	141	93.5	0.82	6.3	1.8	2.8	5.58	1150
TV 315LA-8	90 125	740	169	93.7	0.82	6	1.8	2.5	6.37	1235
TV 315LB-8	110 150	740	206	94	0.82	6	1.8	2.5	7.23	1325
TV 355MA-8	132 180	745	242	94.8	0.83	6	1.9	2.4	10.55	1960
TV 355MB-8	160 220	745	293	95	0.83	5.9	2	2.3	11.73	2020
TV 355L-8	200 270	745	356	95.5	0.85	6	1.9	2.3	12.85	2190

**DATI ELETTRICI MOTORI MONOFASE SERIE TVK V230 HZ50**  
**TECHNICAL DATA SINGLE PHASE MOTORS SERIES TVK V230 HZ50**

TIPO <i>Type</i>	POTENZA OUTPUT	VELOCITA' SPEED	CORRENTE CURRENT	RENDIMENTO EFFICIENCY	FATTORE DI POTENZA POWER FACTOR	CORRENTE DI SPUNTO STARTING CURRENT	COPIA DI SPUNTO STARTING TORQUE	COPPIA MASSIMA MAXIMUM TORQUE	CONDENSATORE CAPACITOR	MOMENTO D'INERZIA MOMENT OF INERTIA	PESO MASS
-	P2	n	I <sub>r</sub>	η	cos φ	I <sub>s</sub> /I <sub>r</sub>	M <sub>s</sub> /M <sub>r</sub>	M <sub>max</sub> /M <sub>R</sub>	DB	J	m
-	KW HP	RPM	A	%	-	-	-	-	μF	Kgm	Kg

**2 POLI**

TVK 56B-2	0.09 0.12	2870	0.76	55	0.93	4	0.56	2.3	4	0.000095	2.8
TVK 56C-2	0.12 0.16	2870	0.94	62	0.9	4.2	0.48	2.4	4	0.000111	3.1
TVK 63B-2	0.18 0.25	2780	1.43	60	0.91	2.9	0.46	1.7	6	0.000188	3.7
TVK 63C-2	0.25 0.33	2800	1.9	60	0.95	2.9	0.4	1.7	8	0.000244	4.1
TVK 71B-2	0.37 0.50	2840	2.7	67	0.9	3.4	0.4	2	10	0.000352	5.7
TVK 71C-2	0.55 0.75	2820	3.92	68	0.9	3.4	0.32	1.9	12	0.000404	6.2
TVK 80B-2	0.75 1.0	2850	5.1	73	0.95	4.3	0.6	2.4	30	0.001	9.8
TVK 80C-2	1.1 1.5	2830	7	74	0.94	4	0.6	2.1	40	0.00101	10.6
TVK 90S-2	1.5 2.0	2810	9.7	72	0.94	4.2	0.65	2.3	50	0.00172	16.5
TVK 90LA-2	1.8 2.5	2820	12.2	72	0.9	4.2	0.6	2.2	50	0.0019	17.5
TVK 90L-2	2.2 3.0	2800	13.9	73	0.91	3.9	0.6	2.1	60	0.00222	19.5
TVK 100LB-2	3.0 4.0	2900	19.2	73	0.92	4.5	1.4	2.1	140/45	0.00589	23

**4 POLI**

TVK 56B-4	0.06 0.09	1430	0.63	47	0.89	2.9	0.75	2.1	3	0.000199	3
TVK 56C-4	0.09 0.12	1410	0.83	52	0.9	2.9	0.6	1.9	4	0.000237	3.2
TVK 63B-4	0.12 0.16	1380	1.2	52	0.86	2.3	0.65	1.7	6	0.000155	4
TVK 63C-4	0.18 0.25	1350	1.48	57	0.93	2.1	0.6	1.4	8	0.000221	4.3
TVK 71B-4	0.25 0.33	1400	1.9	63	0.9	3	0.55	1.7	10	0.00072	6.2
TVK 71C-4	0.37 0.50	1410	3	64	0.84	3.1	0.5	1.8	12	0.00093	7.1
TVK 80B-4	0.55 0.75	1400	4.5	60	0.9	3	0.65	1.7	25	0.00153	9.3
TVK 80C-4	0.75 1.0	1410	5.4	66	0.91	3.4	0.6	1.7	30	0.00167	10.7
TVK 90S-4	1.1 1.5	1400	7.5	69	0.89	3.8	0.65	2	40	0.0026	15
TVK 90L-4	1.5 2.0	1390	9.4	72	0.93	3.8	0.6	2	50	0.00347	17.6
TVK 100LB-4	2.2 3.0	1440	14.3	73	0.92	4.5	1.4	1.8	140/45	0.00655	22