

Chapter 7 Selection and Dimensions

Electrical Specifications of the V8

Table 7-1 Models and technical data of the V8

Model	Power Capacity (kVA)	Input Current (A)	Output Current (A)	Adaptable Motor (kW, HP)		Thermal Power Consumption (kW)
Single-phase 220 V, 50/60 Hz						
V8S0.4GB	1	5.4	2.3	0.4	0.5	0.016
V8S0.7GB	1.5	8.2	4	0.75	1	0.030
V8S1.5GB	3	14	7	1.5	2	0.055
V8S2.2GB	4	23	9.6	2.2	3	0.072
Three-phase 220 V, 50/60 Hz						
V8-T2 0.4GB	1.5	3.4	2.1	0.4	0.5	0.016
V8-T2 0.75GB	3	5	3.8	0.75	1	0.030
V8-T2 1.5GB	4	5.8	5.1	1.5	2	0.055
V8-T2 2.2GB	5.9	10.5	9	2.2	3	0.072
V8-T2 3.7GB	8.9	14.6	13	3.7	5	0.132
V8-T2 5.5GB	17	26	25	5.5	7.5	0.214
V8-T2 7.5GB	21	35	32	7.5	10	0.288
Three-phase 380 V, 50/60 Hz						
V8T4 0.7GB	1.5	3.4	2.1	0.75	1	0.027
V8T4 1.5GB	3	5	3.8	1.5	2	0.050
V8T4 2.2GB	4	5.8	5.1	2.2	3	0.066
V8T4 3.7GB	5.9	10.5	9	3.7	5	0.120
V8T4 5.5GB	8.9	14.6	13	5.5	7.5	0.195
V8T4 7.5GB	11	20.5	17	7.5	10	0.262
V8T4 11GB	17	26	25	11	15	0.445
V8T4 15GB	21	35	32	15	20	0.553
V8T4 18.5G	24	38.5	37	18.5	25	0.651
V8T4 22G	30	46.5	45	22	30	0.807
V8T4 30G	40	62	60	30	40	1.01
V8T4 37G	57	76	75	37	50	1.20
V8T4 45G	69	92	91	45	60	1.51
V8T4 55G	85	113	112	55	75	1.80
V8T4 75G	114	157	150	75	100	1.84

Model	Power Capacity (kVA)	Input Current (A)	Output Current (A)	Adaptable Motor (kW, HP)		Thermal Power Consumption (kW)
V8T4 90G	134	180	176	90	125	2.08
V8T4 110G	160	214	210	110	150	2.55
V8T4 132G	192	256	253	132	200	3.06
V8T4 160G	231	307	304	160	250	3.61
V8T4 200G	250	385	377	200	300	4.42
V8T4 220G	280	430	426	220	300	4.87
V8T4 250G	355	468	465	250	400	5.51
V8T4 280G	396	525	520	280	370	6.21
V8T4 315G	445	590	585	315	500	7.03
V8T4 355G	500	665	650	355	420	7.81
V8T4 400G	565	785	725	400	530	8.51

Physical Appearance and Overall Dimensions of the V8

Figure 7-1 Physical appearance and overall dimensions of the V8 (plastic housing)

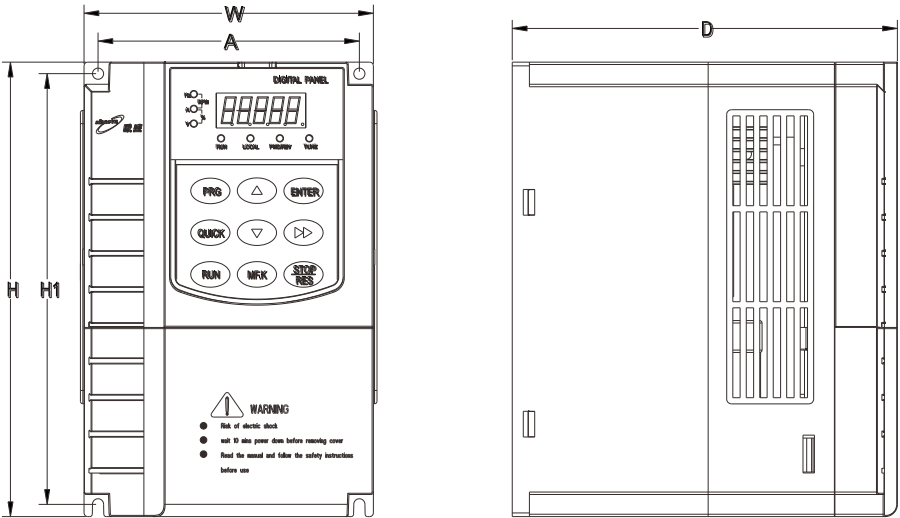


Table 7-2 Overall dimensions and mounting hole dimensions of the V8

Model	H (mm)	H1 (mm)	W (mm)	A (mm)	D (mm)	Mounting Hole Diameter (mm)
V8 T4 0.75GB V8 T4 1.5GB V8 T4 2.2GB	185	175.2	118	106.6	155.7	Φ 4.5
V8 T4 3.7GB V8 T4 5.5GB V8 T4 7.5GB	247	235	160	148	177.1	Φ 5.5
V8 T4 11GB V8 T4 15GB						