

Dimensions and Data

Rated Input Voltage	Drive Model Number CIMR-E7U	Rated Output Current (Amps)	Nominal HP ⁽¹⁾	Physical Dimensions (in.)			Weight (lbs.) ⁽²⁾	Standard Enclosure	Dimension Drawing Number ⁽³⁾	Heat Loss (watts) ⁽⁴⁾							
				H	W	D				Heatsink	Internal	Total					
208V	20P41	3.6	1/2 & 3/4	11.02	5.51	6.30	6.6	NEMA 1	S-5516	19	39	58					
	20P71	4.6	1							26	42	68					
	21P51	7.8	2							48	50	98					
	22P21	10.8	3							68	59	127					
	23P71	16.8	5	7.09	8.8	110	74	184									
	27P51	31.0	7.5 & 10			11.81	7.87	7.87	13.2	219	113	332					
	20111	46.2	15	12.20	9.45	8.27	24.2	NEMA 1	S-5516	15.4	357	168	525				
	20151	59.4	20	13.78						416	182	598					
	20181	74.8	25	14.96						472	208	680					
	20221	88.0	30	21.06						10.00	10.24	53	583	252	835		
	20301	115	40	24.21	10.98	11.81	12.99	125	S-5517	59	883	333	1216				
	20370	162	50	23.62	14.76					125	1010	421	1431				
	20450	192	60	28.54	17.72					13.78	189	Protected Chassis	S-5518	139	1228	499	1727
	20550	215	75											191	1588	619	2207
20750	312	100.0	33.46	19.69	14.17	238	1956	844	2800								
20900	360	125	34.84	22.64	14.96	330	2194	964	3158								
21100	415	150						2733	1234	3967							
240V	20P41	3.6	1/2 & 3/4	11.02	5.51	6.30	6.6	NEMA 1	S-5516	19	39	58					
	20P71	4.6	1							26	42	68					
	21P51	7.8	2							48	50	98					
	22P21	10.8	3							68	59	127					
	23P71	16.8	5	7.09	8.8	110	74	184									
	25P51	23.0	7.5			164	84	248									
	27P51	31.0	10	11.81	7.87	7.87	13.2	219	113	332							
	20111	46.2	15	12.20	9.45	8.27	24.2	NEMA 1	S-5516	15.4	357	168	525				
	20151	59.4	20	13.78						416	182	598					
	20181	74.8	25.0	14.96						472	208	680					
	20221	88.0	30	21.06						10.00	10.24	53	583	252	835		
	20301	115	40	24.21	10.98	11.81	12.99	125	S-5517	59	883	333	1216				
	20370	162	50 & 60	23.62	14.76					11.81	125	1010	421	1431			
	20450	192	75	28.54	17.72					13.78	191	Protected Chassis	S-5518	139	1228	499	1727
20750	312	100 & 125	191											1956	844	2800	
20900	360	150	33.46	19.69	14.17	238	2194	964	3158								
230V																	
	20370	162	50 & 60	23.62	14.76	11.81	125	1010	421	1431							
	20450	192	75	23.62	14.76	12.99	139	1228	499	1727							
480V	40P41	1.8	1/2 & 3/4	11.02	5.51	6.30	6.6	NEMA 1	S-5516	14	39	53					
	40P71	2.1	1							17	41	58					
	41P51	3.7	2							36	48	84					
	42P21	5.3	3							59	56	115					
	43P71	7.6	5	7.09	8.8	80	68	148									
	45P51	12.5	7.5			127	81	208									
	47P51	17.0	10	11.81	7.87	7.87	13.2	NEMA 1	S-5516	193	114	307					
	49P01	21.0	15							232	158	390					
	40111	27.0	20							232	158	390					
	40151	34.0	25							296	169	465					
	40181	40.0	30	13.78	9.45	8.27	22	389	201	590							
	40241	52.0	40	21.06	10.98	10.24	53	691	297	988							
	40301	67.2	50	25.00	12.95	11.22	88	NEMA 1	S-5517	691	297	988					
	40371	77.0	60							801	332	1133					
	40451	96.0	75							901	386	1287					
	40551	125	100							1204	478	1682					
	40750	156	125	28.54	17.72	13.78	194	1285	562	1847							
	40900	180	150	33.46	19.69	14.17	224	Protected Chassis	S-5518	196	1614	673	2287				
	41100	240	200							224	1889	847	2736				
	41600	304	250							36.06	22.64	14.96	352	2636	1144	3780	
41850	414	300 & 350	51.38							27.95	16.34	572	2791	1328	4119		
42200	515	400 & 450	58.07	36.06	16.34	891	Protected Chassis	S-5519	616	3797	1712	5509					
43000	675	500							5838	2482	8320						

(1) Horsepower rating is based on standard NEMA B 4-pole motor design as represented in NEC table 430.150 Full-Load Current, Three-Phase Alternating Current Motors

(2) This data represents the drive weight only, not shipping weight.

(3) Please refer to Yaskawa's website at www.yaskawa.com for dimension drawings done to scale, including CAD format, and including layouts for panel mounting.

(4) Total Heat Loss is the amount of heat dissipated by the drive at full load. This data is separated into "Heatsink" and "Internal" values. The value in the "Heatsink" column is the amount of heat dissipated by the heatsink, and would not need to be considered when calculating the enclosure size for applications that may require mounting the heatsink out the back of the enclosure using the Ring Kit option.