



Application - Three-Phase Motors

TABLE 16 Three Phase Motor Specifications (50 Hz), 2875 RPM, 1.0 Service Factor

Applicable for Australia/New Zealand

Type	Motor Model Prefix	Nameplate Rating					Full Load watts	Line to Line Resistance (Ohms)	Efficiency %			Power Factor %			Locked Rotor Amps	Circuit Breakers or Fuse Amps	
		kW	HP	Volts	Line Volts	Amps			F.L.	3/4	1/2	F.L.	3/4	1/2		Typical Submersible	
																Nontime Delay (Std) Fuse or Circuit Breaker	Dual Element Time Delay Fuse
4 Inch	234 561	0.37	1/2	380-415	380	1.1	550	55.3 - 67.5	66	64	59	76	69	57	4.4	15	1.2
					400	1.1			66	63	56	70	65	53	4.7		
					415	1.2			66	62	54	76	60	49	4.9		
	234 562	0.55	3/4	380-415	380	1.6	810	37.6 - 46	67	67	61	80	72	59	6	15	1.8
					400	1.6			67	64	58	75	67	54	6.4		
					415	1.7			66	63	55	80	63	50	6.6		
	234 563	0.75	1	380-415	380	2.1	1050	25.9 - 31.7	70	68	63	79	70	57	8.9	15	4
					400	2.1			69	67	60	75	65	52	9.3		
					415	2.2			68	65	57	71	61	49	9.8		
	234 524	1.1	1 1/2	380-415	380	3	1470	13.4 - 16.3	72	72	69	81	73	59	13.8	15	3
					400	3			73	71	66	76	67	53	14.5		
					415	3.1			72	70	64	72	62	49	15.3		
	234 525	1.5	2	380-415	380	3.9	2120	9.1 - 11.1	73	72	69	81	72	59	18.6	15	4.5
					400	4			73	71	66	76	66	53	19.2		
					415	4.1			72	69	63	72	61	48	20.2		
	234 526	2.2	3	380-415	380	5.8	3100	7.2 - 8.8	75	75	72	81	72	58	28.7	15	7
400					5.9	75			73	69	75	64	51	28.9			
415					6.3	73			71	66	69	59	45	30.8			
234 591	3	4	380-415	380	7.5	4000	4.5 - 5.5	76	76	73	81	72	58	39.9	20	9	
				400	7.8			76	74	70	75	65	51	41.6			
				415	8.2			75	73	67	70	59	46	43.3			
234 527	3.7	5	380-415	380	9	5030	4.0 - 4.9	78	75	46	84	76	64	46	25	10	
				400	9.1			77	73	49	79	70	55	49			
				415	9.4			76	71	50	74	64	51	50			
234 593	4	5 1/2	380-415	380	9.8	5370	2.9 - 3.6	77	78	75	84	76	63	55	25	12	
				400	10			78	77	73	78	69	56	58			
				415	10.3			77	76	71	73	63	50	60			
234 528	5.5	7 1/2	380-415	380	13.5	7430	2.5 - 3.1	76	76	73	84	76	64	72	35	15	
				400	13.7			76	75	71	79	70	70	76			
				415	14.2			75	74	69	74	65	52	79			
234 597	7.5	10	380-415	380		9540	1.8 - 2.3								45	20	
				400	17			78	79	76	83	75	62	91			
				415	17.4			78	77	73	77	67	53	91			

Performance is typical, not guaranteed, at specified voltages
 Performance of 1984 and older models, not listed is similar, but not identical.