

RATED MOTOR CURRENT CONVERSION TABLE

RATED POWER

3 PHASE 4 POLE MOTORS 50 - 60 Hz

STAR DELTA FLC X 0.58

KW	HP	230V	400V	500V	400V	440V	500V
0.37	0.5	2.9A	0.98A	0.79A	-	-	-
0.55	0.75	4.6A	1.5A	1.2A	-	-	-
0.75	1	5.7A	1.9A	1.5A	-	-	-
1.1	1.5	7.3A	2.4A	2.1A	-	-	-
1.5	2	9.9A	3.3A	2.7A	-	-	-
2.2	3	14.4A	4.7A	4.8A	-	-	-
3	4	19.1A	6.2A	5.1A	-	-	-
4	5.5	24A	8.1A	6.4A	4.6A	4.3A	3.78A
5.5	7.5	33A	10.9A	9.1A	6.4A	6.1A	5.37A
7.5	10	44.7A	14.7A	11.7A	8.5A	7.8A	6.8A
10	13.5	57.3A	19A	15.2A	10.9A	10A	8.8A
11	15	65A	20.9A	17.7A	12.2A	11.7A	10.3A
15	20	86.1A	28.5A	23.3A	16.5A	15.4A	13.5A
18.5	25	106.1A	35.5A	28.8A	20.4A	19A	16.7A
22	30	124.3A	41.8A	34.3A	24.2A	22.6A	19.8A
30	40	170.3A	57A	48.4A	33A	31.9A	28A
37	50	208.5A	68.4A	56.3A	39.5A	37A	32.5A
45	60	242.9A	80.7A	66.8A	46.6A	43.9A	38.6A
55	75	301.3A	99.7A	79.2A	57.6A	52A	45.7A
75	100	396A	131.1A	110A	76A	72.2A	63.5A
90	125	-	161.5A	128.4A	93A	84A	73.9A
110	150	-	194.7A	156.6A	112.1A	102A	89.7A
132	180	-	232.7A	189.2A	134.4A	124A	109.1A
160	220	-	285A	225.2A	164.5A	147.8A	130A
200	270	-	351.5A	282.4A	203A	185A	162.8A
220	300	-	389A	311A	225.6A	204.7A	180.3A
250	340	-	442A	353A	256A	233A	205A
315	430	-	551A	440A	319A	290A	255A
355	480	-	617A	490A	358A	325A	284A
375	500	-	660A	530A	383A	339A	307A
425	580	-	742A	594A	430A	391A	344A

DEGREE OF PROTECTION - IP RATING

1st Numeral Digit
Protection Against contact + penetration of solid bodies

1	Protection against solid objects more than 50mm
2	Protection against solid objects more than 12mm
3	Protection against solid objects more than 2.5mm
4	Protection against solid objects more than 1.0mm
5	Protection against dust (limited ingress)
6	Protection against dust (total protection)
7	
8	

2nd Numeral Digit
Protection Against penetration of liquids

1	Protection against vertically falling drops of water
2	Protection against drops of water falling up to 15°
3	Protection against rain at up to 60° from the vertical
4	Protection against projections of water from all direction
5	Protected against jets of water from all directions
6	Protection against heavy seas
7	Protection against the effects of immersion
8	Protected against continuous immersion