○Torque Table

Standard Type 1-Phase Torque

Power	Output diameter	Hz	3	5	10	15	20	25	30	40	45	50	60	70	80	90	100	120	140	160	180	200	250 ~ 800	900 ~ 1800
100W 1/8HP	18	50Hz	0.2	0.3	0.6	0.8	1.1	1.4	1.7	2.3	2.5	2.8												
	18	60Hz	0.16	0.26	0.52	0.76	1	1.2	1.5	1.9	2.2	2.3												
	22	50Hz											3.4	3.9	4.5	5.1	5.6	6.8	7.9	9	10.1	11.3		
	22	60Hz											2.8	3.3	3.7	4.2	4.6	5.6	6.5	7.4	8.4	9.3		
	28	50/60Hz																					11.2	22.9
200W 1/4HP	18	50Hz	0.3	0.6	1.1																			
	18	60Hz	0.3	0.5	0.9																			
	22	50Hz				1.5	2	2.5	3	4.1	4.6	5.1	6.1	7.1	8.1	9.1								
	22	60Hz				1.3	1.7	2.1	2.5	3.3	3.8	4.2	5	5.9	6.7	7.5								
	28	50Hz															10.1	12.2	14.2	16.2	18.3	20.3		
	28	60Hz															8.4	10	11.7	13.4	15	16.7		
	32	50/60Hz																					27.1	51.8
400W 1/2HP	22	50Hz	0.7	1.1	2.3																			
	22	60Hz	0.6	0.9	1.9																			
	28	50Hz				3.4	4.5	5.6	6.1	8.1	9.1	10.1	12.2	14.2	16.2	18.3								
	28	60Hz				2.8	3.7	4.6	5	6.7	7.5	8.4	10	11.7	13.4	15								
	32	50Hz															20.3	24.4	28.4	32.5	36.5	40.6		
	32	60Hz															16.7	20.1	23.4	26.7	30.1	33.4		
	40	50/60Hz																					52	83.7
750W 1HP	28	50Hz	1.3	2.1	4.2	6.3	8.5	10.6																
	28	60Hz	1	1.7	3.5	5.2	7	8.7																
	32	50Hz							11.4	15.2	17.1	19	22.8	26.6	30.4	34.3	38.1	45.7						
	32	60Hz							9.4	12.5	14.1	15.7	18.8	21.9	25.1	28.2	31.3	37.6						
	40	50Hz																	48	54.8	61.7	68.5		
	40	60Hz																	43.9	50.1	56.4	62.7		
1500W 2HP	32	50Hz	2.5	4.2	8.5	12.7	16.9	21.1	25.4															
	32	60Hz	2.1	3.5	7	10.4	13.9	17.4	20.9															
	40	50Hz								30.4	34.3	38.1	45.7	53.3	60.9	68.5	76.1							
	40	60Hz								25.1	28.2	31.3	37.6	43.9	50.1	56.4	62.7							
	50	50Hz																91.3	106.6					
	50	60Hz																75.2	87.8					

Standard Type 3-Phase Torque

Power	Output diameter	Hz	3	5	10	15	20	25	30	40	45	50	60	70	80	90	100	120	140	160	180	200	250 ~ 800	900 ~ 1800
100W 1/8HP	18	50Hz	0.2	0.3	0.6	0.8	1.1	1.4	1.7	2.3	2.5	2.8												
	18	60Hz	0.1	0.2	0.5	0.7	0.9	1.2	1.4	1.9	2.1	2.3												
	22	50Hz											3.4	3.9	4.5	5.1	5.6	6.8	7.9	9	10.1	11.3		
	22	60Hz											2.8	3.3	3.7	4.2	4.6	5.6	6.5	7.4	8.4	9.3		
	28	50/60Hz																					11.2	22.9
200W 1/4HP	18	50Hz	0.3	0.6	1.1																			
	18	60Hz	0.3	0.5	0.9																			
	22	50Hz				1.5	2	2.5	3	4.1	4.6	5.1	6.1	7.1	8.1	9.1								
	22	60Hz				1.3	1.7	2.1	2.5	3.3	3.8	4.2	5	5.9	6.7	7.5								
	28	50Hz															10.1	12.2	14.2	16.2	18.3	20.3		
	28	60Hz															8.4	10	11.7	13.4	15	16.7		
	32	50/60Hz																					27.1	51.8
400W 1/2HP	22	50Hz	0.7	1.1	2.3																			
	22	60Hz	0.6	0.9	1.9																			
	28	50Hz				3.4	4.5	5.6	6.1	8.1	9.1	10.1	12.2	14.2	16.2	18.3								
	28	60Hz				2.8	3.7	4.6	5	6.7	7.5	8.4	10	11.7	13.4	15								
	32	50Hz															20.3	24.4	28.4	32.5	36.5	40.6		
	32	60Hz															16.7	20.1	23.4	26.7	30.1	33.4		
	40	50/60Hz																					52	83.7
750W 1HP	28	50Hz	1.3	2.1	4.2	6.3	8.5	10.6																
	28	60Hz	1	1.7	3.5	5.2	7	8.7																
	32	50Hz							11.4	15.2	17.1	19	22.8	26.6	30.4	34.3	38.1	45.7						
	32	60Hz							9.4	12.5	14.1	15.7	18.8	21.9	25.1	28.2	31.3	37.6						
	40	50Hz																	48	54.8	61.7	68.5		
	40	60Hz																	43.9	50.1	56.4	62.7		
1500W 2HP	32	50Hz	2.5	4.2	8.5	12.7	16.9	21.1	25.4															
	32	60Hz	2.1	3.5	7	10.4	13.9	17.4	20.9															
	40	50Hz								30.4	34.3	38.1	45.7	53.3	60.9	68.5	76.1							
	40	60Hz								25.1	28.2	31.3	37.6	43	50.1	56.4	62.7							
	50	50Hz																91.3	106.6	121.8	137			
	50	60Hz																75.2	87.8	100.3	112.8			
2200W 3HP	40	50Hz	3.7	6.2	12.4	16.7	22.3	27.9	33.5	44.7														
	40	60Hz	3.1	5.1	10.2	13.8	18.4	23	27.6	36.8														
	50	50Hz									50.2	55.8	67	78.1	89.3	100.5	111.6							
	50	60Hz									41.4	46	55.2	64.4	73.5	82.7	91.9							
3700W 5HP	40	50Hz	6.3	10.4	20.9																			
	40	60Hz	5.2	8.6	17.2																			
	50	50Hz				31.3	41.7	52.2	56.3	75.1	84.5	93.9	112.6											
	50	60Hz				25.8	34.4	42.9	46.4	61.8	69,60	77.3	92.8											

○Torque Table

Light duty Type 1-Phase Torque

Power	Output diameter	Hz	3	5	10	15	20	25	30	40	45	50	60	70	80	90	100	120	140	160	180	200	250 ~ 800	900 ~ 1800
100W 1/8HP	18	50/60Hz											3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4		
	22	50/60Hz																					11.6	11.6
200W 1/4HP	18	50Hz				1.7	2.3	2.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4								
	18	60Hz				1.4	1.9	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4								
	22	50Hz															10.1	11.6	11.6	11.6	11.6	11.6		
	22	60Hz															8.4	10	11.6	11.6	11.6	11.6		
	28	50/60Hz																					11.2	22.9
400W 1/2HP	22	50Hz				3	4.1	5.1	6.1	8.1	9.1	10.1	10.3	10.3	10.3	10.3								
	22	60Hz				2.5	3.3	4.2	5	6.7	7.5	8.4	10.3	10.3	10.3	10.3								
	28	50Hz															20.3	22.9	22.9	22.9	22.9	22.9		
	28	60Hz															16.7	20.1	22.9	22.9	22.9	22.9		
	32	50/60Hz																					27.1	51.8
750W 1HP	22	50Hz	1.3	2.1	4.2	5.7	7.6	9.5																
	22	60Hz	1	1.7	3.5	4.7	6.3	7.8																
	28	50Hz							11.4	15.2	17.1	19	20.7	20.7	20.7	20.7	20.7	20.7						
	28	60Hz							9.4	12.5	14.1	15.7	18.8	20.7	20.7	20.7	20.7	20.1						
	32	50Hz																45.7	51.8	51.8	51.8	51.8		
	32	60Hz																37.6	43.9	50.1	51.8	51.8		
	40	50/60Hz																					52	83.7
1500W 2HP	28	50Hz	2.5	4.2	8.5	11.2	11.2	11.2	11.2															
	28	60Hz	2.1	3.5	7	10.4	11.2	11.2	11.2															
	32	50Hz								30.4	34.3	38.1	45.7	51.8	51.8	51.8	51.8							
	32	60Hz								25.1	28.2	31.3	37.6	43.9	50.1	51.8	51.8							
	40	50Hz																82.8	82.8					
	40	60Hz																67.7	79					

Light duty Type 3-Phase(삼상) Torque

Power	Output diameter	Hz	3	5	10	15	20	25	30	40	45	50	60	70	80	90	100	120	140	160	180	200	250 ~ 800	900 ~ 1800
100W 1/8HP	18	50Hz											3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4		
	18	60Hz											3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4		
	22	50/60Hz																					11.6	11.6
200W 1/4HP	18	50Hz				1.7	2.3	2.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4								
	18	60Hz				1.4	1.9	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4								
	22	50Hz															10.1	11.6	11.6	11.6	11.6	11.6		
	22	60Hz															8.4	10	11.6	11.6	11.6	11.6		
	22	50Hz															10	11.6	11.6	11.6	11.6	11.6		
	22	60Hz															8.4	10	11.6	11.6	11.6	11.6		
	28	50/60Hz																					11.2	22.9
400W 1/2HP	22	50Hz				3	4.1	5.1	6.1	8.1	9.1	10.1	10.3	10.3	10.3	10.3								
	22	60Hz				2.5	3.3	4.2	5	6.7	7.5	8.4	10.3	10.3	10.3	10.3								
	22	50Hz				3	4.1	5.1	6.1	8.1	9.1	10.1	10.3	10.3	10.3	10.3								
	22	60Hz				2.5	3.3	4.2	5	6.7	7.5	8.4	10.3	10.3	10.3	10.3								
	28	50Hz															20.3	22.9	22.9	22.9	22.9	22.9		
	28	60Hz															16.7	20.1	22.9	22.9	22.9	22.9		
	32	50/60Hz																					27.1	51.8
750W 1HP	22	50Hz	1.3	2.1	4.2	5.7	7.6	9.5																
	22	60Hz	1	1.7	3.5	4.7	6.3	7.8																
	28	50Hz							11.4	15.2	17.1	19	20.7	20.7	20.7	20.7	20.7	20.7						
	28	60Hz							9.4	12.5	14.1	15.7	18.8	20.7	20.7	20.7	20.7	20.7						
	32	50Hz																45.7	51.8	51.8	51.8	51.8		
	32	60Hz																37.6	43.9	50.1	51.8	51.8		
	40	50/60Hz																					52	83.7
1500W 2HP	28	50Hz	2.5	4.2	8.5	11.2	11.2	11.2	11.2															
	28	60Hz	2.1	3.5	7	10.4	11.2	11.2	11.2															
	32	50Hz								30.4	34.3	38.1	45.7	51.8	51.8	51.8	51.8							
	32	60Hz								25.1	28.2	31.3	37.6	43.9	50.1	51.8	51.8							
	40	50Hz																82.8	82.8					
	40	60Hz																67.7	79					
2200W 3HP	40	50Hz								44.7	50.2	55.8	67	78.1	83.7									
	40	60Hz								36.8	41.4	46	55.2	64.4	73.5									
3700W 5HP	40	50Hz				28.2	37.5	46.9	51.8	51.8	51.8	51.8	51.8											
	40	60Hz				23.2	30.9	38.7	46.4	51.8	51.8	51.8	51.8											