

고효율 및 프리미엄 효율 비교표

전폐형, 3상, 60Hz, 50Hz, 연속 정격, NEMA Design B, IEC Design N, 주위온도 40℃, F종 절연, B종 온도 상승
(단, 프레임 번호에 ()로 표기된 것은 F종 온도 상승임), 소음 및 기동전류 현대표준 (2P : 92dB(A), 4P : 85dB(A))

정격출력		Pole	60Hz							50Hz							
HP	kW		프레임 번호			정격 속도	100% 부하효율			프레임 번호		정격 속도	100% 부하효율				
							고효율	프리미엄					고효율	프리미엄			
			고효율	프리미엄 효율			KS C 4202 IEC 60034-30	NEMA	고효율	프리미엄 효율	IEC 60034-30						
													High	Premium		High	Premium
													IE2	IE3	MG1	IE2	IE3
			표준	표준	NEMA		rpm	%	%	%	표준		표준	rpm	%	%	
1	0.75	2	80M	90L	143T	3500	75.50	77.00	77.00	80M	90L	2880	77.40	80.70			
1	0.75	4	80M	90L	143T	1740	82.50	85.50	85.50	80M	90L	1440	79.60	82.50			
1	0.75	6	90L	90L	145T	1140	80.00	82.50	82.50	90L	90L	940	75.90	78.90			
1.5	1.1	2	-	90L	143T	3500	82.50	84.00	84.00	-	-	2880	79.60	82.70			
1.5	1.1	4	-	90L	145T	1735	84.00	86.50	86.50	-	-	1435	81.40	84.10			
1.5	1.1	6	-	112M	182T	1160	85.50	87.50	87.50	-	-	960	78.10	81.00			
2	1.5	2	90L	90L	145T	3500	84.00	85.50	85.50	90L	90L	2900	81.30	84.20			
2	1.5	4	90L	90L	145T	1735	84.00	86.50	86.50	90L	90L	1435	82.80	85.30			
2	1.5	6	100L	112M	184T	1155	86.50	88.50	88.50	100L	112M	955	79.80	82.50			
1	0.75	8	100L	112M	184T	855	74.00	-	75.50	-	-	-	-	-			
3	2.2	2	90L	112M	182T	3515	85.50	86.50	86.50	90L	112M	2915	83.20	85.90			
3	2.2	4	100L	112M	182T	1760	87.50	89.50	89.50	100L	112M	1460	84.30	86.70			
3	2.2	6	112M	132S	213T	1175	87.50	89.50	89.50	112M	132S	975	81.80	84.30			
1.5	1.1	8	112M	112M	182T	860	-	-	78.50	-	-	-	-	-			
2	1.5	8	112M	112M	184T	865	82.50	-	84.00	-	-	-	-	-			
5	3.7	2	112M	112M	184T	3515	87.50	88.50	88.50	112M	112M	2915	85.80	88.10			
5	3.7, 4	4	112M	112M	184T	1760	87.50	89.50	89.50	112M	112M	1460	86.60	88.60			
5	3.7, 4	6	132S	132M	215T	1170	87.50	89.50	89.50	132S	132M	955	84.60	86.80			
7.5	5.5	2	132S	132S	213T	3520	88.50	89.50	89.50	132S	132S	2920	87.00	89.20			
7.5	5.5	4	132S	132S	213T	1760	89.50	91.70	91.70	132S	132S	1460	87.70	89.60			
7.5	5.5	6	132M	160M	254T	1175	89.50	91.00	91.00	132M	160M	975	86.00	88.00			
3	2.2	8	132M	132M	254T	870	84.00	-	85.50	-	-	-	-	-			
10	7.5	2	132S	132M	215T	3525	89.50	90.20	90.20	132S	132M	2920	88.10	90.10			
10	7.5	4	132M	132M	215T	1760	89.50	91.70	91.70	132M	132M	1460	88.70	90.40			
10	7.5	6	160M	160L	256T	1175	89.50	91.00	91.00	160M	160L	975	87.20	89.10			
5	3.7	8	160M	160L	256T	875	85.50	-	86.50	-	-	-	-	-			

정격출력		Pole	60Hz							50Hz				
HP	kW		프레임 번호			정격 속도	100% 부하효율			프레임 번호		정격 속도	100% 부하효율	
			고효율	프리미엄 효율			고효율	프리미엄		고효율	프리미엄 효율		고효율	프리미엄
							KS C 4202 IEC 60034-30		NEMA				IEC 60034-30	
							High	Premium					High	Premium
							IE2	IE3	MG1				IE2	IE3
			표준	표준	NEMA		rpm	%	%	%	표준		표준	rpm
15	11	2	160M	160M	254T	3535	90.20	91.00	91.70	160M	160M	2935	89.40	91.20
15	11	4	160M	160M	254T	1775	91.00	92.40	92.40	160M	160M	1475	89.80	91.40
15	11	6	160L	180M	284T	1175	90.20	91.70	91.70	160L	180M	975	88.70	90.30
7.5	5.5	8	160L	180M	284T	875	85.50	-	86.50	-	-	-	-	-
20	15	2	160M	160L	256T	3535	90.20	91.00	91.70	160M	160L	2935	90.30	91.90
20	15	4	160L	160L	256T	1775	91.00	93.00	93.00	160L	160L	1475	90.60	92.10
20	15	6	180M	180L	286T	1175	90.20	91.70	91.70	180M	180L	975	89.70	91.20
10	7.5	8	180M	180L	286T	880	88.50	-	89.50	-	-	-	-	-
25	18.5	2	160L	180M	284TS	3560	91.00	91.70	91.70	160L	180M	2960	90.90	92.40
25	18.5	4	180M	180M	284T	1775	92.40	93.60	93.60	180M	180M	1475	91.20	92.60
25	18.5	6	180L	200L	324T	1175	91.70	93.00	93.00	180L	200L	975	90.40	91.70
15	11	8	180L	200L	324T	880	88.50	-	89.50	-	-	-	-	-
30	22	2	180M	180L	286TS	3560	91.00	91.70	91.70	180M	180L	2960	91.30	92.70
30	22	4	180M	180L	286T	1775	92.40	93.60	93.60	180M	180L	1475	91.60	93.00
30	22	6	180L	200L	326T	1175	91.70	93.00	93.00	180L	200L	975	90.90	92.20
40	30	2	180L	200L	324TS	3560	91.70	92.40	92.40	200L(180L)	200L	2960	92.00	93.30
40	30	4	180L	200L	324T	1780	93.00	94.10	94.10	200L(180L)	200L	1480	92.30	93.60
40	30	6	200L	225S	364T	1185	93.00	94.10	94.10	200L(200LL)	225S	983	91.70	92.90
20	15	8	200L	200L	324T	875	89.50	-	90.20	-	-	-	-	-
25	18.5	8	200L	200L	324T	880	89.50	-	90.20	-	-	-	-	-
50	37	2	200L	200LL	326TS	3560	92.40	93.00	93.00	200LL(200L)	200LL	2960	92.50	93.70
50	37	4	200L	200LL	326T	1780	93.00	94.50	94.50	200LL(200L)	200LL	1480	92.70	93.90
50	37	6	200LL	225M	365T	1185	93.00	94.10	94.10	225S(200LL)	225M	982	92.20	93.30
30	22	8	200LL	225S	364T	880	91.00	-	91.70	-	-	-	-	-
60	45	2	200LL	225S	364TS	3570	93.00	93.60	94.10	225S(200LL)	225S	2965	92.90	94.00
60	45	4	200LL	225S	364T	1780	93.60	95.00	95.00	225S(200LL)	225S	1482	93.10	94.20

고효율 및 프리미엄 효율 비교표

전폐형, 3상, 60Hz, 50Hz, 연속 정격, NEMA Design B, IEC Design N, 주위온도 40℃, F종 절연, B종 온도 상승
(단, 프레임 번호에 ()로 표기된 것은 F종 온도 상승임), 소음 및 기동전류 현대표준 (2P : 92dB(A), 4P : 85dB(A))

정격출력		Pole	60Hz							50Hz																				
HP	kW		프레임 번호			정격 속도	100% 부하효율			프레임 번호		정격 속도	100% 부하효율																	
			고효율	프리미엄 효율			KS C 4202 IEC 60034-30	NEMA	고효율				프리미엄 효율	IEC 60034-30																
										표준	표준				NEMA	rpm	%	%	%	표준	표준	rpm	%	%						
																									High	Premium		High	Premium	
																										IE2	IE3			MG1
60	45	6	225S	250S	404T	1185	93.60	94.50	94.50	250S	250S	985	92.70	93.70																
40	30	8	225S	225M	365T	885	91.00	-	91.70	-	-	-	-	-																
75	55	2	225S	225M	365TS	3570	93.00	93.60	94.50	225M	225M	2970	93.20	94.30																
75	55	4	225S	225M	365T	1780	94.10	95.40	95.40	225M	225M	1480	93.50	94.60																
75	55	6	250S	250M	405T	1185	93.60	94.50	94.50	250M	250M	985	93.10	94.10																
50	37	8	250S	250S	404T	885	91.70	-	92.40	-	-	-	-	-																
100	75	2	250S	250M	405TS	3570	93.60	94.10	94.50	250M	250M	2970	93.80	94.70																
100	75	4	250S	250M	405T	1780	94.50	95.40	95.40	250M	250M	1485	94.00	95.00																
100	75	6	250M	280S	444T	1185	94.10	95.00	95.00	280S	280S	985	93.70	94.60																
60	45	8	250M	250M	405T	885	91.70	-	92.40	-	-	-	-	-																
120, 125	90, 95	2	250M	280S	444TS	3570	94.50	95.00	95.00	280S	280S	2970	94.10	95.00																
120, 125	90, 95	4	250M	280S	444T	1785	94.50	95.40	95.40	280S	280S	1485	94.20	95.20																
120, 125	90, 95	6	280S	280M	445T	1185	94.10	95.00	95.00	280M	280M	985	94.00	94.90																
75	55	8	280S	280M	445T	885	93.00	-	93.60	-	-	-	-	-																
150	110	2	280S	280M	445TS	3570	94.50	95.00	95.00	280M	280M	2970	94.30	95.20																
150	110	4	280S	280M	445T	1785	95.00	95.80	95.80	280M	280M	1485	94.50	95.40																
150	110	6	280M	280L	447T	1185	95.00	95.80	95.80	280L	280L	985	94.30	95.10																
100	75	8	280M	280L	447T	885	93.00	-	93.60	-	-	-	-	-																
175	132	2	280M	280L	-	3570	94.50	95.4	-	280L	280L	2970	94.60	95.40																
175	132	4	280M	280L	-	1785	95.00	95.8	-	280L	280L	1485	94.70	95.60																
175	132	6	280L	280LL	-	1185	95.00	95.8	-	280LL	280LL	985	94.60	95.40																
120	90	8	280L	280LL	449T	885	93.60	94.5	94.10	-	-	-	-	-																
214, 200	160, 150	2	280L	280L	447TS	3570	95.00	95.40	95.40	280LL	280LL	2970	94.80	95.60																
214, 200	160, 150	4	280L	280L	447T	1785	95.00	96.20	96.20	280LL	280LL	1485	94.90	95.80																
214, 200	160, 150	6	280LL	280LL	449T	1185	95.00	95.80	95.80	280K	280K	985	94.80	95.60																
150	110	8	280LL	280LL	449T	885	93.60	-	94.10	-	-	-	-	-																

정격출력		Pole	60Hz							50Hz				
HP	kW		프레임 번호			정격 속도	100% 부하효율			프레임 번호		정격 속도	100% 부하효율	
			고효율	프리미엄 효율			고효율	프리미엄		고효율	프리미엄 효율		고효율	프리미엄
							KS C 4202 IEC 60034-30		NEMA				IEC 60034-30	
							High	Premium					High	Premium
							IE2	IE3	MG1				IE2	IE3
							표준	표준	NEMA				rpm	%
268, 250	200, 190	2	280LL	280LL	449TS	3570	95.40	95.80	95.80	280K	280K	2970	95.00	95.80
268, 250	200, 190	4	280LL	280LL	449T	1785	95.40	96.20	96.20	280K	280K	1485	95.10	96.00
268, 250	200, 190	6	280K	280K	L449T	1185	95.00	95.80	95.80	280J	280J	980	95.00	95.80
175	132	8	280K	280K	L449T	885	94.10	-	-	-	-	-	-	-
214, 200	160, 150	8	280H(280J)	280H	L449T	885	94.10	-	94.50	-	-	-	-	-
300	225	2	280K	280K	L449TS	3570	95.40	95.80	95.80	280J	280J	2965	95.00	95.80
300	225	4	280K	280K	L449T	1785	95.40	96.20	96.20	280J	280J	1480	95.10	96.00
300	225	6	280J	315J	5008	1185	95.00	95.80	95.80	315J	315H	985	95.00	95.80
350	260	2	280J	280H	L449TS	3570	95.40	95.80	95.80	315J	315J	2965	95.00	95.80
350	260	4	280J	280H	L449T	1785	95.40	96.20	96.20	315J	315J	1480	95.10	96.00
350	260	6	315J(280H)	315G	5010	1185	95.00	95.80	95.80	315G	315G	980	95.00	95.80
268, 250	200, 190	8	315J	315H	5009	885	94.10	-	95.00	-	-	-	-	-
400	300	2	315J(280H)	315H	5009S	3570	95.40	95.80	95.80	315H	315H	2965	95.00	95.80
400	300	4	315J(280H)	315H	5009	1785	95.40	96.20	96.20	315H	315H	1480	95.10	96.00
400	300	6	315G(315H)	315F	5011	1185	-	95.80	95.80	315F	315G	980	95.00	95.80
450	335	2	315H	315H	5009S	3570	95.40	95.80	95.80	315G	315G	2965	95.00	95.80
450	335	4	315H	315H	5009	1785	95.40	96.20	96.20	315G	315G	1480	95.10	96.00
450	335	6	315F	355J	-	1185	-	95.80	95.80	355J	355J	980	95.00	95.80
300	225	8	315H	-	-	885	-	-	95.00	-	-	-	-	-
500	375	2	315G(315H)	315F	5011S	3570	95.40	95.80	95.80	355J	355J	2965	95.00	95.80
500	375	4	315G(315H)	315F	5011	1785	95.80	96.20	96.20	355J	355J	1480	95.10	96.00
500	375	6	355J	355J	-	1185	-	95.80	95.80	355J	355J	980	95.00	95.80
350	260	8	355J(315F)	355J	-	885	-	-	95.00	-	-	-	-	-
400	300	8	355J	355J	-	885	-	-	95.00	-	-	-	-	-
450	335	8	355J	355J	-	885	-	-	95.00	-	-	-	-	-
500	373	8	400J(355J)	400J	-	885	-	-	95.00	-	-	-	-	-