



프리미엄효율 (Premium Efficiency)

# PMK Series 3-Phase

# 2.2kW

## ■ SPECIFICATION

### ■ MOTOR

출력 Output (kW)	기종명 Model Name	극수 Poles	전압 Voltage (V)	주파수 Freq. (Hz)	정격 부하 [Rated Load]			사용 조건 Duty	보호 등급 Degrees of protection	절연 등급 Insulation Classification	냉각 방식 Protective Cooling System
					전류 Current (A)	모터속도 Speed (r/min)	효율 Efficiency (%)				
2.2	PMK□-□-P□220R4□	4	220/380	60	8.10/4.70	1755	89.5	CONT.	IP55 (IP40)	F	Totally Enclosed Fan-Cooled
	PMK□-□-P□220W6□	4	200	50	9.00	1460	86.7				
		4	220	60	8.10	1755	89.5				
	PMK□-□-P□220X6□	4	380/400	50	4.80/4.75	1465/1465	86.7/86.7				
4		400/440	60	4.40/4.30	1755/1760	89.5/89.5					

- Note) • Brake 부착 Geared Motor는 방수방진 등급이 IP40 비방수형 제품과 IP55 방수형 제품의 2가지 Model이 있습니다.  
 (The Brake Geared Motor is divided into 2 models : one is a non-water proof product with IP40 while the other is a waterproof product with IP55.)  
 • IP40 모델과 IP55 모델의 전기적 특성 사양은 동일합니다.  
 (The Models with IP40 and IP55 have the same electric characteristics.)

### ■ GEARED MOTOR – 50Hz

Frame No.	153						172										
감속비 (Reduction gear ratio)	5	10	15	★20	★30		5	10	15	20	★30	★40	★50	★60	★75	★90	★100
회전 속도 (Rotation speed (r/min))	300	150	100	75	50		300	150	100	75	50	37.5	30	25	20	16.7	15
출력 토크 (Output torque)	kgf · m	7.1	14.1	21.3	28.3	42.4	7.1	14.1	21.3	28.3	42.4	54.8	68.5	82.1	102.8	123.3	137.5
최대 허용 토크 (Max allowable torque)	kgf · m	23						38.8									
허용(Allowable) O,H,L	kgf	250	250	400	400	510	350	350	520	520	635	635					

Frame No.	181						205				235			270			
감속비 (Reduction gear ratio)	40	★50	★60	★75	★90	★100	★120	60	★75	★90	★100	★120	★90	★100	★120	120	
회전 속도 (Rotation speed (r/min))	27.5	30	25	20	16.7	15	12.5	25	20	16.7	15	12.5	16.7	15	12.5	12.5	
출력 토크 (Output torque)	kgf · m	54.8	68.5	85.1	102.8	123.3	137.5	164.3	82.1	102.8	123.3	137.5	164.3	123.3	137.5	164.3	164.3
최대 허용 토크 (Max allowable torque)	kgf · m	58.3						97				116.6			194		
허용(Allowable) O,H,L	kgf	1100						1500				1870			2400		

### ■ GEARED MOTOR – 60Hz

Frame No.	153						172										
감속비 (Reduction gear ratio)	5	10	15	20	★30		5	10	15	20	30	★40	★50	★60	★75	★90	★100
회전 속도 (Rotation speed (r/min))	360	180	120	90	60		360	180	120	90	60	45	36	30	24	20	18
출력 토크 (Output torque)	kgf · m	5.7	11.3	17	22.6	33.9	5.7	11.3	17	22.6	33.9	43.8	54.8	65.7	82.2	98.6	110
최대 허용 토크 (Max allowable torque)	kgf · m	23						38.8									
허용(Allowable) O,H,L	kgf	250	250	400	400	510	350	350	520	520	635	635					

기종명 (Model Name) Coding  
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출력축 사양 (Specification for output shaft)  
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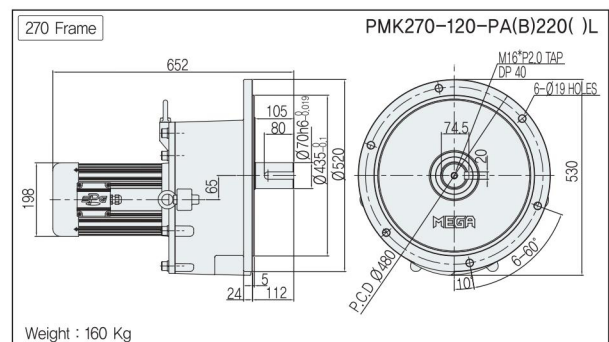
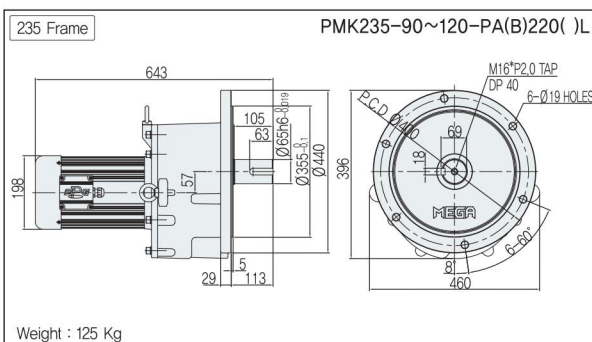
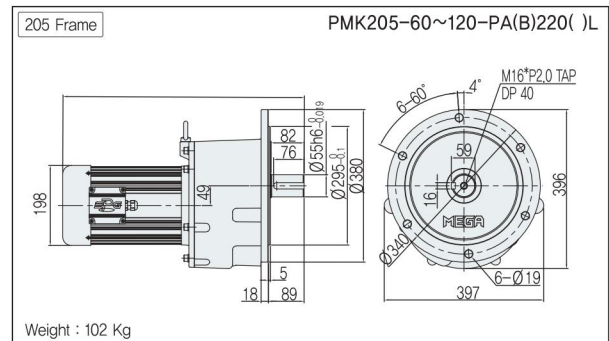
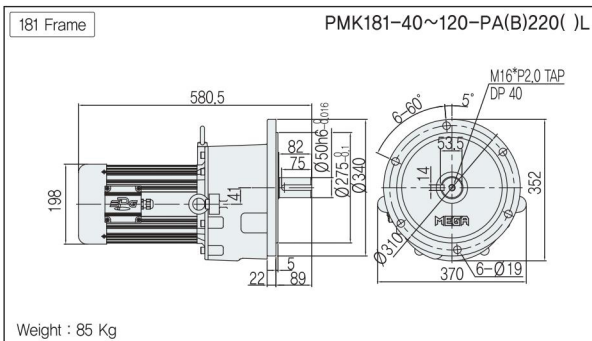
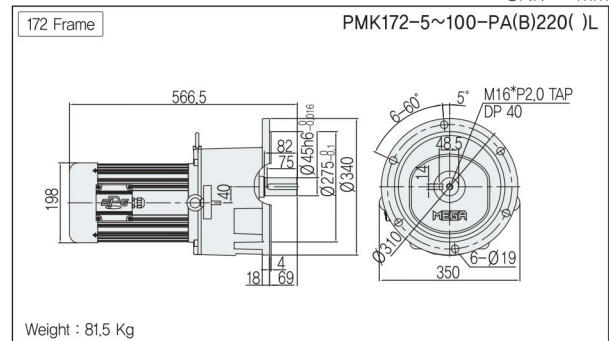
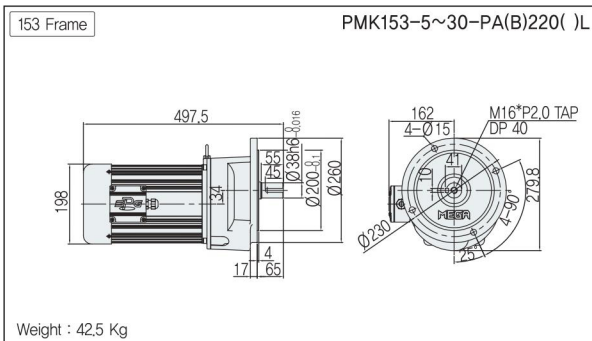
기술자료 (Technological Data)  
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Frame No.	181							205					235			270		
감속비 (Reduction gear ratio)	40	50	★60	★75	★90	★100	★120	60	75	★90	★100	★120	90	100	★120	120		
회전 속도 (Rotation speed (r/min))	45	36	30	24	20	18	15	30	24	20	18	15	20	18	15	15		
출력 토크 (Output torque)	kgf · m		43.8	54.8	65.7	82.2	98.6	110	131.4	65.7	82.2	98.6	110	131.4	98.6	110	131.4	
최대 허용 토크 (Max allowable torque)	kgf · m		58.3							97					116.6			194
허용(O.H.L) O.H.L	kgf		1100							1500					1870			2400

- Note) • 허용 O.H.L의 적용은 출력축 Shaft 인출길이의 중심부 기준입니다.  
(Application of allowable O.H.L is based on the center of protruded output shaft length.)
- ★' 표시 된 감속비의 출력 토크는 허용 토크 이하로 제한되며, 그 이상의 Frame 을 사용하는 것을 권장합니다.  
(Gear ratio with '★' mark is limited to speed purpose only, recommend to use bigger frame for torque purpose.)
  - 회전 방향은 ■ 색이 Motor의 회전방향과 동일 방향이고, 나머지는 Motor 회전 방향과 반대 방향입니다.  
(For the direction of rotation, ■ color means the same direction with motor as viewed from the front shaft end of the motor, and the other is opposite direction from motor rotation direction.)

## ■ PMK TYPE DIMENSIONS [ Lead Box Type & Terminal Box Type ]

UNIT = mm



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출력축 사양 (Specification for output shaft)  
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