

프리미엄효율 (Premium Efficiency)

PAL 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] 전류 Current (A)	모터속도 Speed (r/min)	효율 Efficency (%)	사용 조건 Duty	보호 등급 Degrees of protection	절연 등급 Insulation Classification	냉각 방식 Protective Cooling System
2.2	PAL□-□-P□220**R4**□	4	220/380	60	8.10/4.70	1755	89.5	CONT.	IP55 (IP40)	F	Totally Enclosed Fan-Cooled
	PAL□-□-P□220**W6**□	4	200	50	9.00	1460	86.7				
			220	60	8.10	1755	89.5				
	PAL□-□-P□220**X6**□	4	380/400	50	4.80/4.75	1465/1465	86.7/86.7				
			400/440	60	4.40/4.30	1755/1760	89.5/89.5				

- Brake 부착 Geared Motor는 방수방진 등급이 IP40 비방수형 제품과 IP55 방수형 제품의 2가지 Model 이 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.		40					50					
감속비 (Reduction gear ratio)		5	10	15	20	25	30	40	50	60	80	100
회전 속도 (Rotation speed (r/min)		300	150	100	75	60	50	37.5	30	25	18.8	15
허용 토르크 (Allowable torque)	kgf · m	6.8	13.6	20.4	27.1	33.9	40.7	52.6	65.7	78.9	105	125
	N · m	67	133	200	266	332	399	515	644	773	1029	1230
허용 (Allowable) O.H.L	kgf	220	320	360	410	480	710	740	880	1000	1000	1000
	N	2160	3140	3530	4020	4700	6960	7250	8620	9800	9800	9800

■ GEARED MOTOR - 60Hz

Frame No.		40					50					
감속비 (Reduction gear ratio)		5	10	15	20	25	30	40	50	60	80	100
회전 속도 (Rotation speed (r/min)		360	180	120	90	72	60	45	36	30	22.5	18
허용 토르크 (Allowable torque)	kgf · m	5.7	11.3	17	22.6	28.3	33.9	43.8	54.8	65.7	87.6	110
	N · m	56	111	167	221	277	332	429	537	644	858	1080
허용 (Allowable) O.H.L	kgf	220	320	360	410	480	710	740	880	1000	1000	1000
	N	2160	3140	3530	4020	4700	6960	7250	8620	9800	9800	9800

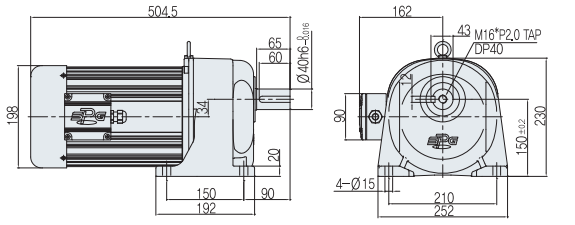
Note) • Permissible O.H.L (허용 Overhung 하중)의 적용은 출력축 Shaft 인출 길이의 중심부 기준임.
(Permissible O.H.L (allowable overhung load) is based on the central part of the outlet length for output shaft)
• 회전 방향은 ■ 색이 Motor의 회전방향과 동일 방향이고, 나머지는 Motor 회전방향과 반대방향 입니다.
(■ Color indicates the same direction of motor rotation, while other color indicates the opposite direction of motor rotation.)

기종명 (Model Name) Coding ➡ 36Page
출력축 사양 (Specification for output shaft) ➡ 70Page
기술자료 (Technological Data) ➡ 101Page

■ PAL TYPE DIMENSIONS [Lead Box Type & Terminal Box Type]

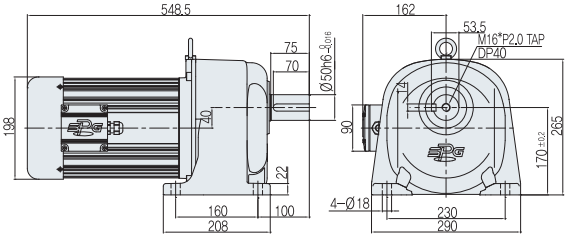
UNIT = mm

40 Frame — PAL40-5~25-PA[B]220( )L



Weight : 42 Kg

50 Frame — PAL50-30~100-PA[B]220( )L

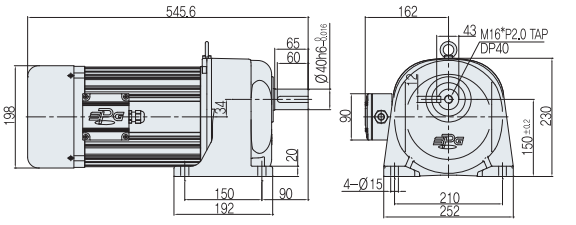


Weight : 70.5 Kg

■ PAL TYPE DIMENSIONS [Brake Type]

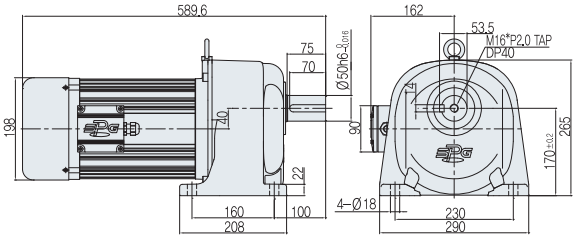
UNIT = mm

40 Frame — PAL40-5~25-PA[B]220( )L



Weight : 50 Kg

50 Frame — PAL50-30~100-PA[B]220( )L



Weight : 78.5 Kg

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