

프리미엄효율 (Premium Efficiency)

PAL Series 3-Phase 1.5kW

■ 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
1.5	PAL□-□-P□150**R4**□	4	220/380	60	5.90/3.40	1760	86.5	CONT.	IP55 (IP40)	F	Totally Enclosed Fan-Cooled
	PAL□-□-P□150**W6**□	4	200	50	6.55	1470	85.3				
			220	60	5.90	1760	86.5				
	PAL□-□-P□150**X6**□	4	380/400	50	3.40/3.40	1465/1470	85.3/85.3				
			400/440	60	3.10/3.10	1755/1770	86.5/86.5				

- 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.		32					40						50			
감속비 (Reduction gear ratio)		5	10	15	20	25	30	40	50	60	80	★100	100	120	★160	★200
회전 속도 (Rotation speed (r/min)		300	150	100	75	60	50	37.5	30	25	18.8	15	15	12.5	9.4	7.5
허용 토르크 (Allowable torque)	kgf · m	4.6	9.3	13.9	18.5	23.1	27.8	35.8	44.8	53.8	71.7	73.9	89.6	108	125	125
	N · m	45	91	136	181	226	272	351	439	527	703	724	878	1060	1230	1230
허용 (Allowable) O.H.L	kgf	180	250	290	330	390	520	600	720	720	720	720	1000	1000	1000	1000
	N	1760	2450	2840	3230	3820	5100	5880	7060	7060	7060	7060	9800	9800	9800	9800

■ GEARED MOTOR - 60Hz

Frame No.		32					40						50			
감속비 (Reduction gear ratio)		5	10	15	20	25	30	40	50	60	80	★100	100	120	160	★200
회전 속도 (Rotation speed (r/min)		360	180	120	90	72	60	45	36	30	22.5	18	18	15	11.2	9
허용 토르크 (Allowable torque)	kgf · m	3.9	7.7	11.6	15.4	19.3	23.1	29.9	37.3	44.8	59.7	61.5	74.7	89.6	119	125
	N · m	38	75	114	151	189	226	293	366	439	585	603	732	878	1170	1230
허용 (Allowable) O.H.L	kgf	180	250	290	330	390	520	600	720	720	720	720	1000	1000	1000	1000
	N	1760	2450	2840	3230	3820	5100	5880	7060	7060	7060	7060	9800	9800	9800	9800

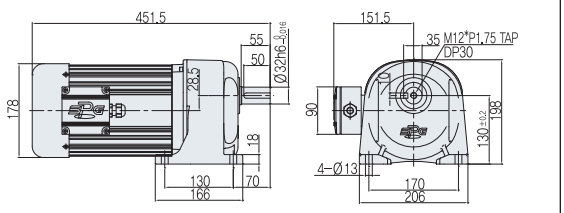
Note)
- Permissible O.H.L (허용 Overhung 하중)의 적용은 출력축 Shaft 인출 길이의 중심부 기준임.(Permissible O.H.L (allowable overhung load) is based on the central part of the outlet length for output shaft)
- "★"표시된 감속비의 제품은 Permissible Torque(허용토크)가 제한됩니다.(Permissible Torque is limited for products with a mark "★" of reduction gear ratio)
- 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]

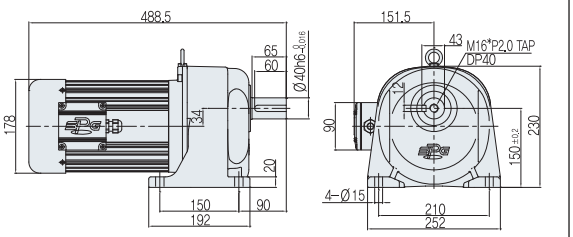
UNIT = mm

32 Frame — PAL32-5~25-PA(B)150( )L



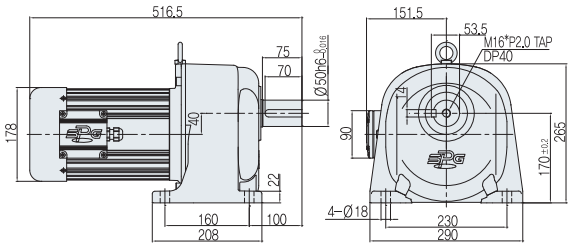
Weight : 26 Kg

40 Frame — PAL40-30~100-PA(B)150( )L



Weight : 33 Kg

50 Frame — PAL50-100~200-PA(B)150( )L

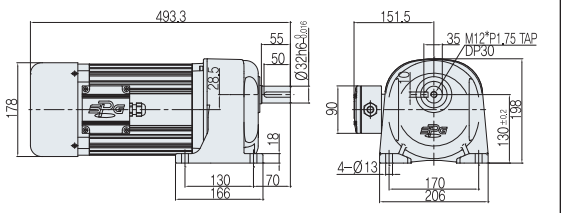


Weight : 61 Kg

■ PAL TYPE DIMENSIONS [Brake Type]

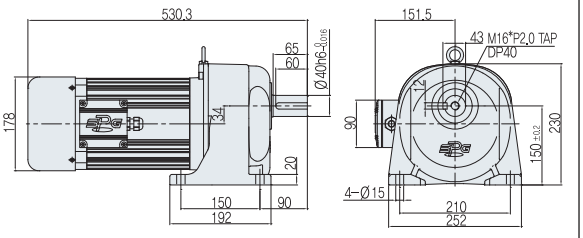
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32 Frame — PAL32-5~25-PC(D)150( )L



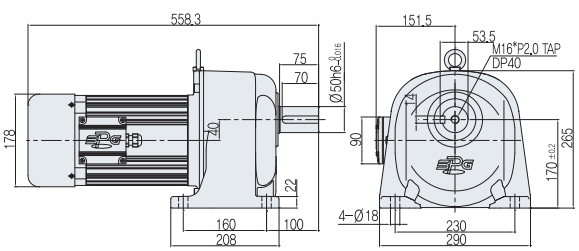
Weight : 31.5 Kg

40 Frame — PAL40-30~100-PC(D)150( )L



Weight : 38.5 Kg

50 Frame — PAL50-100~200-PC(D)150( )L



Weight : 66.5 Kg

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