

PCH Series 3-Phase 0.2kW

■ 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
0.2	PCH□-□-M□020**R4**□	4	220/380	60	1.05/0.60	1715	71.5	CONT.	IP55 (IP40)	F	Totally Enclosed Fan-Cooled
	PCH□-□-M□020**W6**□	4	200	50	1.10	1415	71.7				
			200/220	60	1.00/1.00	1690/1715	72.8/73.2				
	PCH□-□-M□020**X6**□	4	380/400	50	0.60/0.60	1410/1420	71.0/67.2				
			400/440	60	0.50/0.50	1700/1720	70.8/73.4				

- 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.		25											30					
감속비 (Reduction gear ratio)		5	7.5	10	12.5	15	20	25	30	40	50	60	80	100	120	160	★200	★240
회전 속도 (Rotation speed (r/min)		300	200	150	120	100	75	60	50	37.5	30	25	18.8	15	12.5	9.4	7.5	6.3
허용 토르크 (Allowable torque)	kgf · m	0.56	0.83	1.10	1.41	1.70	2.29	2.79	3.40	4.50	5.60	6.79	8.79	11.1	13.3	17.4	17.4	19.7
	N · m	5.49	8.15	10.8	13.8	16.7	22.5	27.4	33.3	44.1	54.9	66.6	86.2	109	130	171	171	193
허용 (Allowable) O.H.L	kgf	160	175	190	205	220	240	260	270	290	310	310	320	320	320	320	320	320
	N	1568	1715	1862	2009	2156	2352	2548	2646	2842	3038	3038	3136	3136	3136	3136	3136	3136

■ GEARED MOTOR - 60Hz

Frame No.		25											30					
감속비 (Reduction gear ratio)		5	7.5	10	12.5	15	20	25	30	40	50	60	80	100	120	160	★200	★240
회전 속도 (Rotation speed (r/min)		360	240	180	144	120	90	72	60	45	36	30	22.5	18	15	11.3	9	7.5
허용 토르크 (Allowable torque)	kgf · m	0.47	0.70	0.92	1.16	1.40	1.90	2.29	2.79	3.79	4.70	5.70	7.29	9.29	11.1	14.5	14.5	16.4
	N · m	4.61	6.82	9.02	11.4	13.7	18.6	22.5	27.4	37.2	46.1	55.9	71.5	91.1	109	142	142	161
허용 (Allowable) O.H.L	kgf	160	175	190	205	220	240	260	270	290	310	310	320	320	320	320	320	320
	N	1568	1715	1862	2009	2156	2352	2548	2646	2842	3038	3038	3136	3136	3136	3136	3136	3136

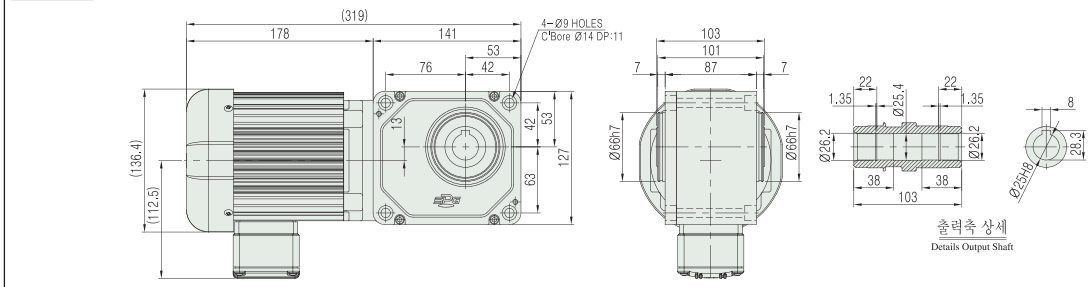
Note)
- "★"표시된 감속비의 제품은 Permissible Torque(허용토크)가 제한됩니다.(Permissible Torque is limited for products with a mark "★" of reduction gear ratio)
- Permissible O.H.L (허용 Overhung 하중)의 적용은 출력축 Shaft 인출 길이의 중심부 기준임.(Permissible O.H.L (allowable overhung load) is based on the central part of the outlet length for output shaft)
- ■ 색 부의 회전방향은 □ 색 부의 방향과 반대방향 입니다.(Rotation direction of color ■ is opposite of other color □)
- Self Locking (자립 잠김)은 작동하지 않습니다.(Self Locking is unavailable.)

기종명 (Model Name) Coding ➡ 73Page
출력축 사양 (Specification for output shaft) ➡ 100Page
기술자료 (Technological Data) ➡ 101Page

■ PCH TYPE DIMENSIONS [Lead Box Type]

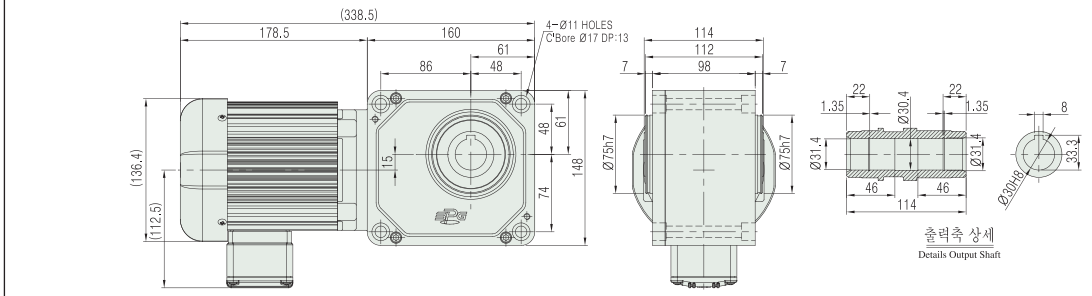
UNIT = mm

25 Frame — PCH25-5~60-MA020①



Weight : 9 Kg

30 Frame — PCH30-80~240-MA020①



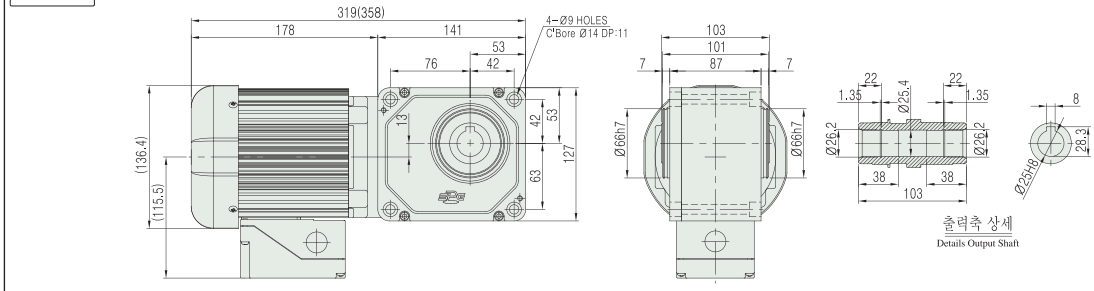
Weight : 11.5 Kg

■ PCH TYPE DIMENSIONS [Terminal Box Type]

Note) • IP40 모델과 IP55 모델의 외관 치수는 동일합니다.(Dimensions for IP40 model and IP55 model are the same.)
• BRAKE 부착 모델은 Terminal Box Type 을 기본으로 적용하고 있으며, Lead Box Type 은 적용하고 있지 않습니다.(The brake-attached model is applied to the Terminal Box Type for basic features, but does not apply to the lead wire box type.)
• Dimensions **내의 () 치수 및 중량은** Brake **부착 모델의 사양입니다.**(() dimension and weight in dimensions is for brake attached model specification)

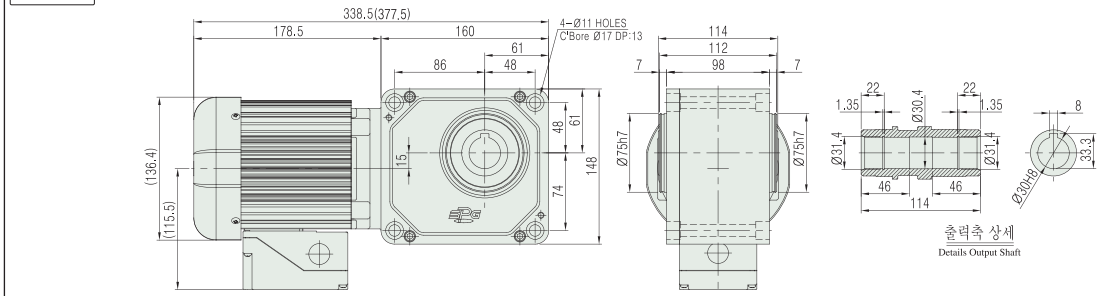
UNIT = mm

25 Frame — PCH25-5~60-M①020②



Weight : 9 (11) Kg

30 Frame — PCH30-80~240-M①020②



Weight : 11.5 (13) Kg

• **기종명 구분(Model type)** ① : 모터옵션(Motor option) (B, C, D)
② : 전원(Power) (Voltage & Frequency)

기종명 (Model Name) Coding 73Page
출력축 사양 (Specification for output shaft) 100Page
기술자료 (Technological Data) 101Page