90W REVERSIBLE MOTOR

□90㎜ TERMINAL BOX TYPE

■ MOTOR

기종명	극수	전압		주파수	정격시간	정격 부하 [Rated Load]				기동 토크		캐패시터	보호 등급	절연 등급	보호 방식
						전류	속도	토크							
Model	Poles	Voltage		Freq.	Duty	Current	Speed	Torque		기종명		Capacitor	Degree of Protection	Insulation Classification	Protected Type
		Phase	(V)	(Hz)		(A)	(r/min)	(kgf · cm)	(N · m)	(kgf · cm)	(N · m)	(μF)			
SG9R90GA-T, T1, T2	4	1	100	50	30분 S2(30min)	1.78	1250	6.70	0.67	7.50	0.75	35.0 (250V)	IP23	B(130)	T.P.
SG9R90KA-T, T1, T2				60		2.21	1550	5.60	0.56	7.70	0.77				
SG9R90DA-T, T1, T2		1	110	60		1.88	1600	6.60	0.66	8.30	0.83	30.0 (250V)			
SG9R90SA-T, T1, T2		1	115	60		1.86	1600	5.40	0.54	9.00	0.90				
SG9R90GB-T, T1, T2	4	1	200	50	30분 S2(30min)	0.88	1250	6.90	0.69	8.10	0.81	8.0 (450V)	IP23	B(130)	T.P.
				60		1.15	1500	5.70	0.57	8.20	0.82				
SG9R90KB-T, T1, T2		1	220	50		0.77	1250	6.70	0.67	8.10	0.81	7.0 (450V)			
SG9R90DB-T, T1, T2				60		0.97	1550	5.50	0.55	8.30	0.83				
SG9R90SB-T, T1, T2		1	230	50		0.77	1300	6.60	0.66	9.30	0.93				
				60		0.97	1550	5.40	0.54	8.90	0.89				

❖ SG시리즈의 경우 전모델 UL, TÜV, CCC 인증 취득 모델입니다.
❖ 출력 6W 제품은 Impedance Protected, 15~90W 제품은 Thermally Protected 보호 방식입니다.
❖ 전압에 따라 캐패시터가 2종으로 나누어져 있으며, 사용전압이 AC 100V, 200V 인 경우에는 주문 시 별도 요청 부탁드립니다.

■ GEARED MOTOR – 50Hz

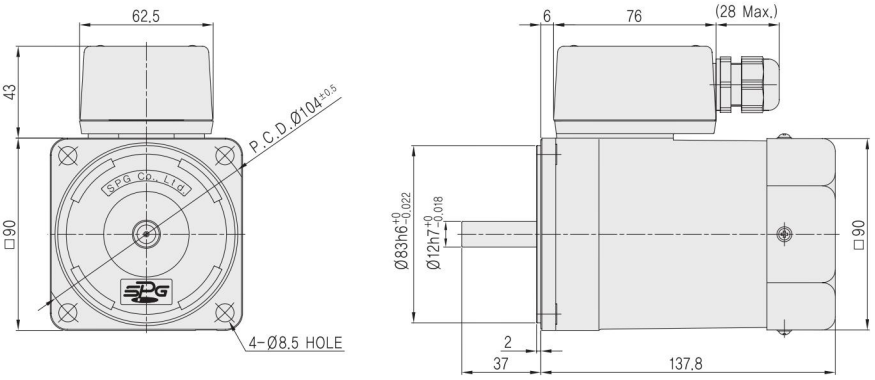
감속비 Ratio		5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
기종명 Model	r/min	300	250	200	167	150	120	100	83.3	75.0	60.0	50.0	41.6	37.5	30.0	25.0	20.0	16.6	15.0	12.5	10.0	8.3	7.5
SG9KC□ SG9DC□	kgf·cm	31.1	37.3	46.6	56.0	62.2	77.7	93.3	107	119	149	178	214	238	297	357	400	400	400	400	400	400	400
SG9SC□	N·m	3.11	3.73	4.66	5.60	6.22	7.77	9.33	10.7	11.9	14.9	17.8	21.4	23.8	29.7	35.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0

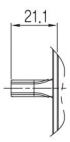
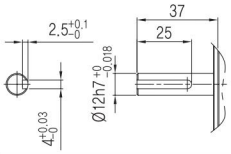
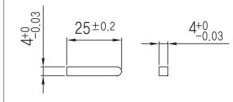
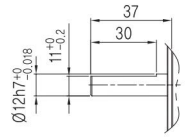
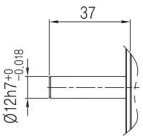
■ GEARED MOTOR – 60Hz

감속비 Ratio		5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
기종명 Model	r/min	360	300	240	200	180	144	120	100	90.0	72.0	60.0	50.0	45.0	36.0	30.0	24.0	20.0	18.0	15.0	12.0	10.0	9.0
SG9KC□ SG9DC□	kgf·cm	25.7	30.8	38.5	46.2	51.3	64.1	77.0	88.2	98.0	123	147	177	196	245	294	346	400	400	400	400	400	400
SG9SC□	N·m	2.57	3.08	3.85	4.62	5.13	6.41	7.70	8.82	9.80	12.3	14.7	17.7	19.6	24.5	29.4	34.6	40.0	40.0	40.0	40.0	40.0	40.0

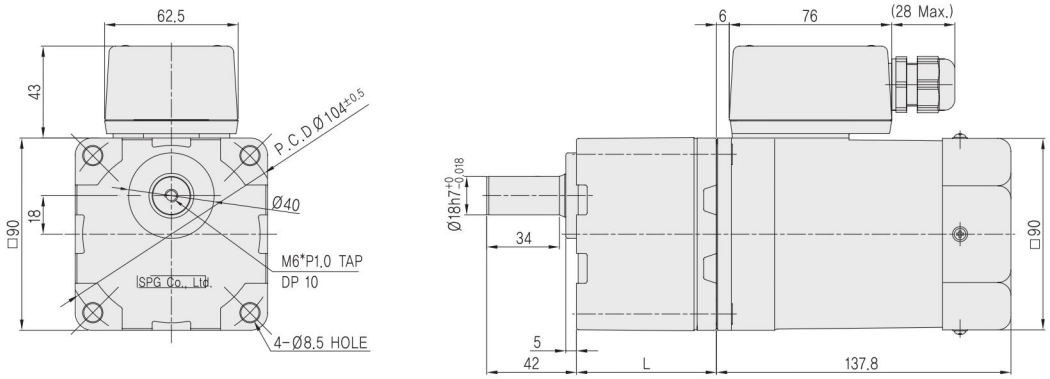
❖ GEAR HEAD 기종명 중 □은 감속비입니다.
❖ 표의 값은 GEARED MOTOR 의 감속기 허용토크 입니다.
❖ 회전방향은 ■색의 감속비는 MOTOR 방향과 동일한 방향이며, □색의 감속비는 MOTOR 방향과 반대 방향입니다.
❖ 회전 속도는 MOTOR 의 동기 회전수를 기준으로 계산되었습니다. (50Hz : 1500 r/min, 60Hz : 1800 r/min)
실제 회전 속도는 부하의 크기에 따라 2~20% 적습니다.

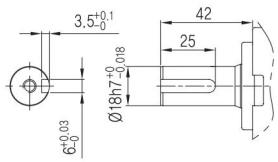
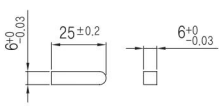
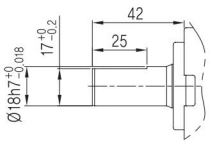
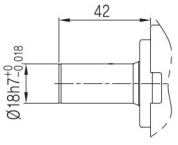
MOTOR



MOTOR 출력축	GEAR TYPE	KEY TYPE		D-CUT TYPE	STRAIGHT TYPE
	SG9R90G□-T	SG9R90K□-T		SG9R90D□-T	SG9R90S□-T
					

GEARED MOTOR

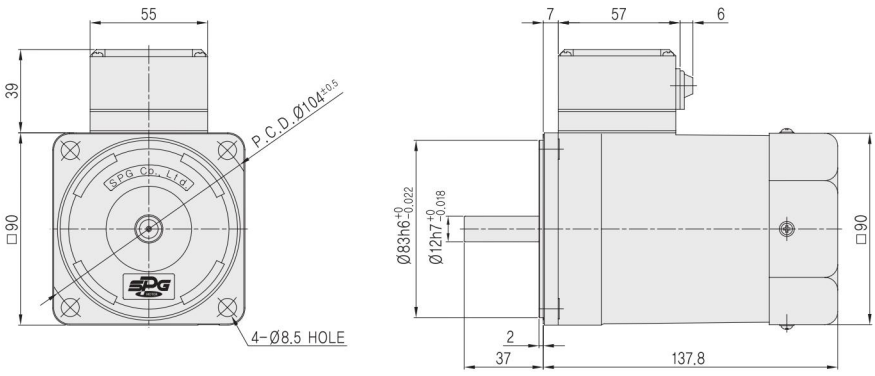


GEAR HEAD 출력축	KEY TYPE		D-CUT TYPE	STRAIGHT TYPE
	SG9KC□		SG9DC□	SG9SC□
				

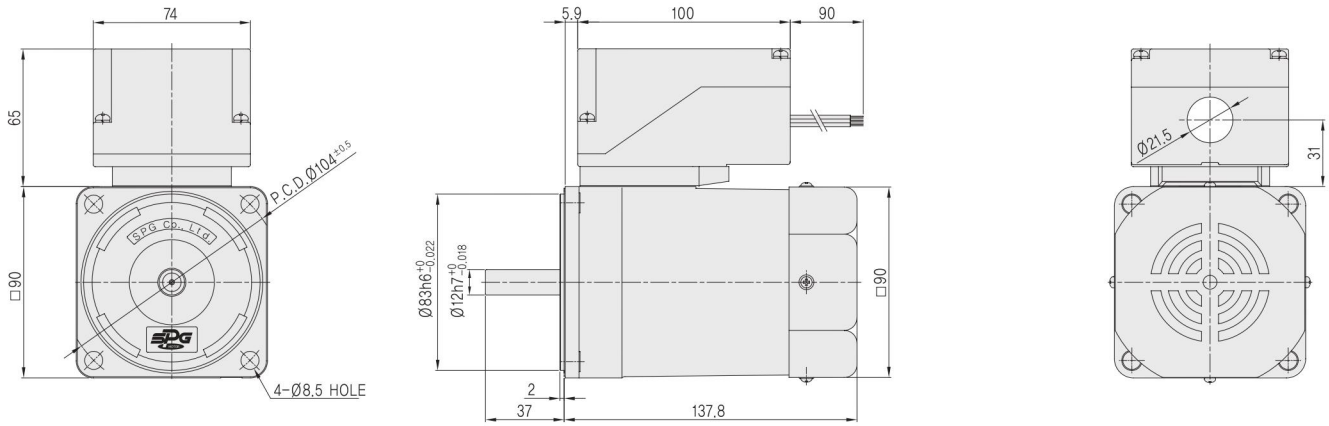
MODEL		GEAR RATIO	L	WEIGHT(kg)
GEAR HEAD	SG9□C□	5~15	45	0.85
		18~36	58	1.15
		50~180	70	1.42
MOTOR	SG9R90□□-T			3.15
	SG9R90□□-T1			3.10
	SG9R90□□-T2			3.30

MOTOR

▶ T1

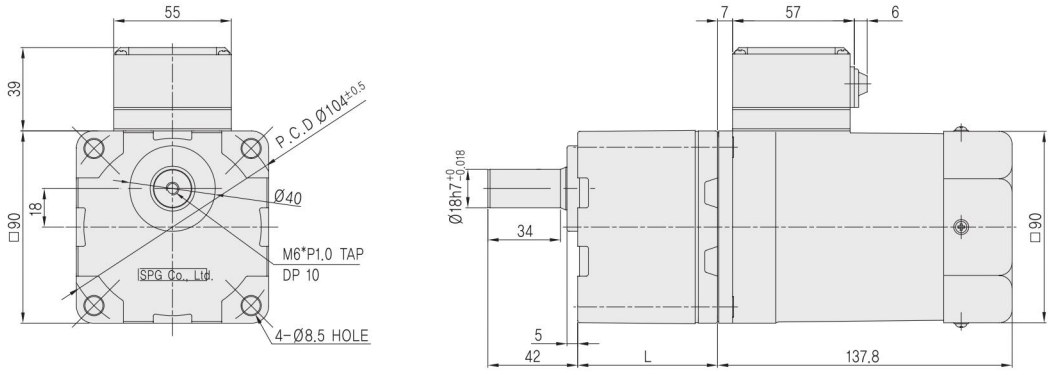
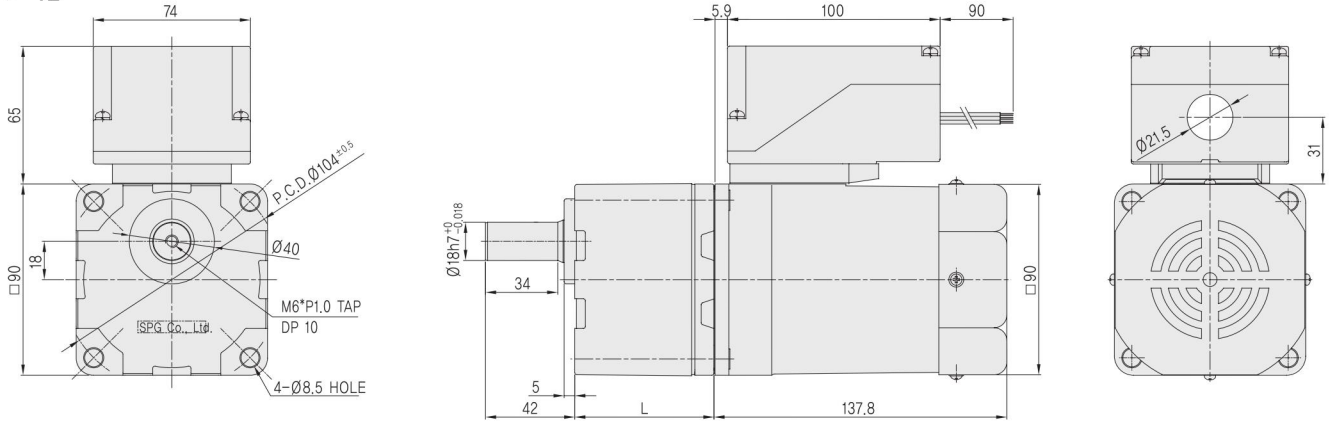


▶ T2



GEARED MOTOR

▶ T1



▶ T2