

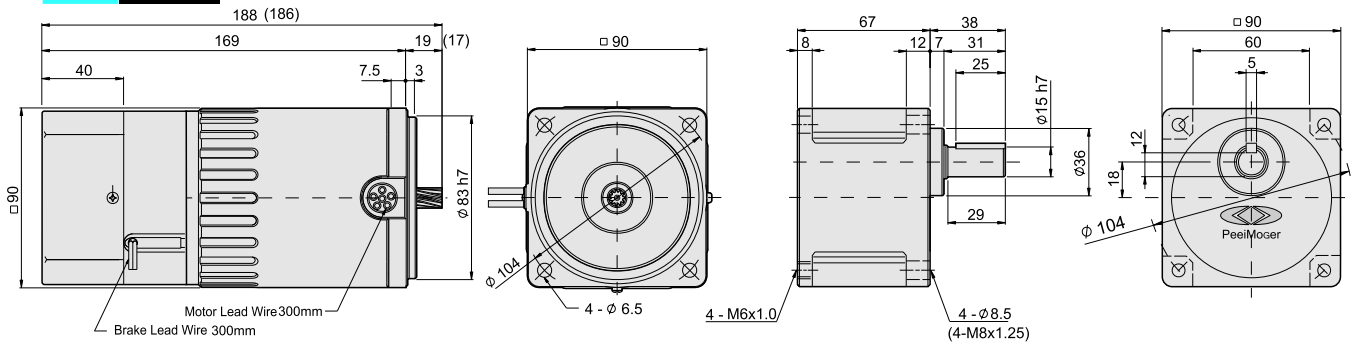
Three Phase Electro-magnetic Brake Motor

Frame **5**
Output **60W**

Motor
M-5RK60_N-□S

Gear Head

G-5U□-K



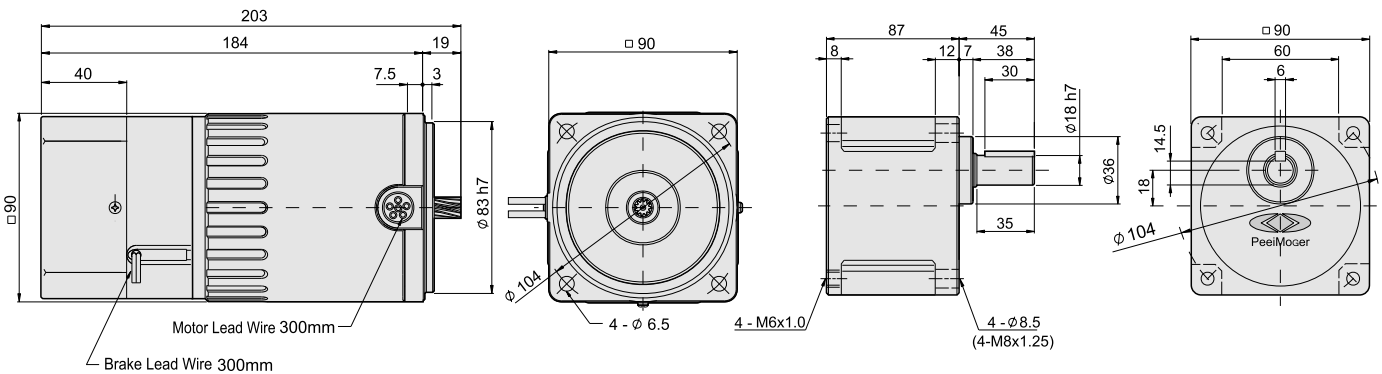
● () The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead ,as G-5N□-K/L

Frame **5**
Output **90W**

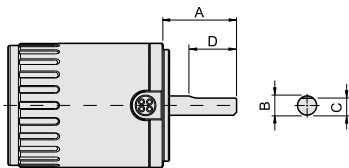
Motor
M-5RK90U-□S

Gear Head

G-5U□-KH (Developing)

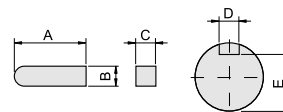


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-5RK60A-□S	37	φ12 h7	11 ⁰ _{-0.15}	30
M-5RK90A-□S	37	φ12 h7	11 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-5U□-K	25	5 ⁰ _{-0.030}	5 ⁰ _{-0.030}	5 ^{+0.050} ₊₀	12 ⁰ _{-0.15}
G-5U□-KH	30	6 ⁰ _{-0.030}	6 ⁰ _{-0.030}	6 ^{+0.050} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

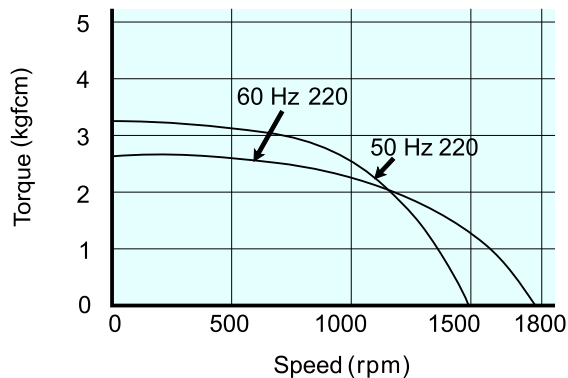
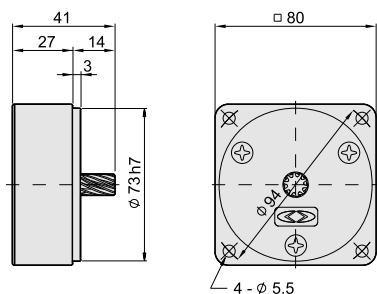
Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Brake Input (W)	Brake Current (A)	Brake Torque (kgfcm)	Applied Gearhead Type		
						Current (A)	Speed (r p m)	Torque (kgfcm)						Metal Bearing	Ball Bearing	Decimal Gearhead
M-5RK60 _N -SFS	4	60	220	50	30min.	0.46	1400	4.2	1.5	1.2	7	0.07	4	G-5N□-L	G-5N□-K	G-5N10X-K
						0.40	1675	3.5	1.4	8.6	7	0.07	4			G-5U10X-K
M-5RK90U-SFS	4	90	220	50	30min.	0.65	1400	6.3	2.3	21	7	0.07	4	-	G-5U□-K	G-5U10X-K
						0.56	1675	5.3	2.1	15	7	0.07	4			G-5U□-KH

Decimal Gear Head

G-4N10X-K

Speed - Torque Curve

M-4RK25N-SS

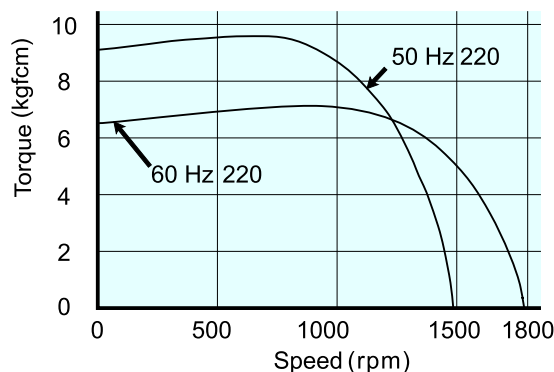
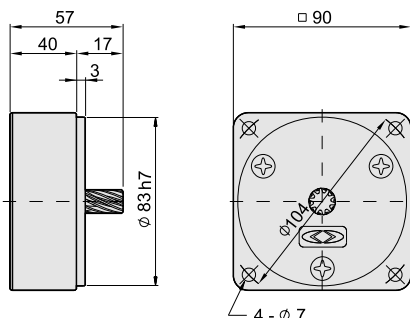


Decimal Gear Head

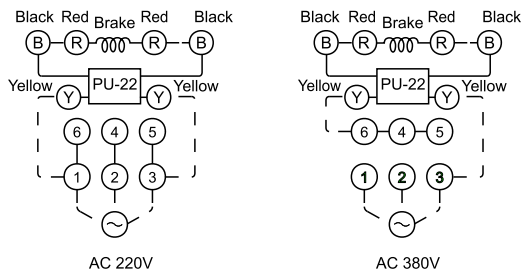
G-5N10X-K

Speed - Torque Curve

M-5RK40N-SS



Wiring Diagram



Gearhead - Max. Permissible Torque

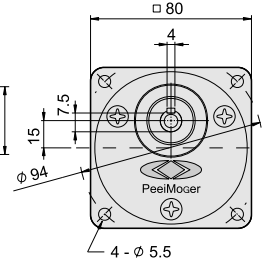
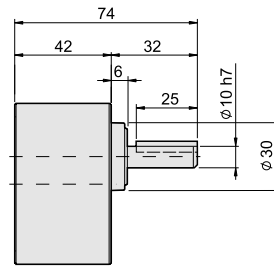
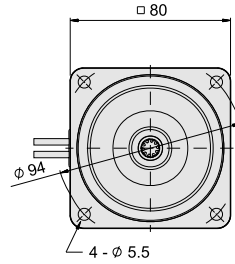
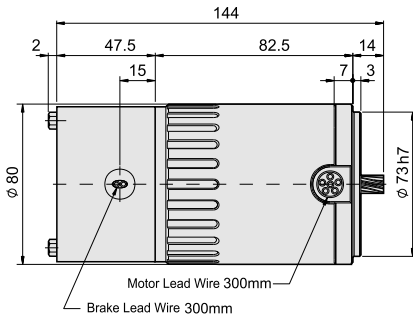
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
 Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm) Gear Ratio	With Decimal Gearhead																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-4N□-K L	Max.Allowable Torque (kgfcm)	4.0	6.7	10	11	13	16	20	21	26	32	39	65	80	80	80	80	80	80	80	80	80	80	80
G-5N□-K L	Max.Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	

Three Phase Electro-magnetic Brake Motor

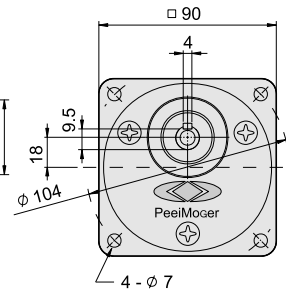
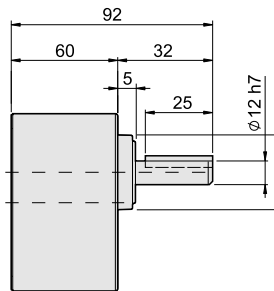
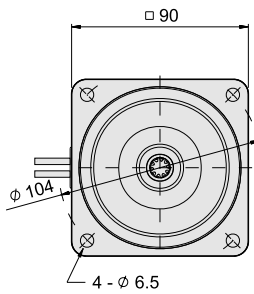
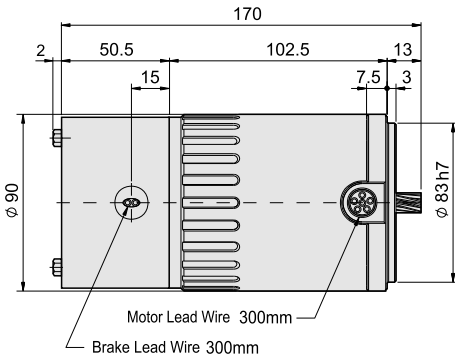
Frame **4**
Motor
M-4RK25N-□S
Output **25W**

Gear Head
G-4N□- $\begin{matrix} K \\ L \end{matrix}$

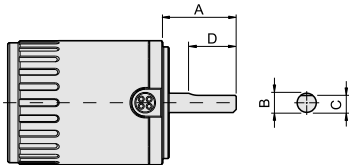


Frame **5**
Motor
M-5RK40N-□S
Output **40W**

Gear Head
G-5N□- $\begin{matrix} K \\ L \end{matrix}$

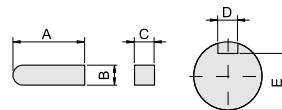


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-4RK25A-□S	32	∅8 h7	7 ⁺⁰ _{-0.15}	25
M-5RK40A-□S	37	∅10 h7	9 ⁺⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-4N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}
G-5N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	9.5 ⁰ _{-0.15}

Specifications - Motor

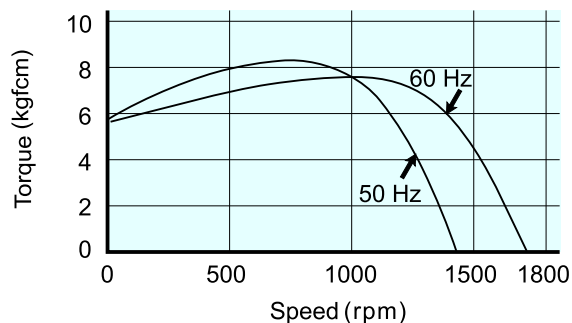
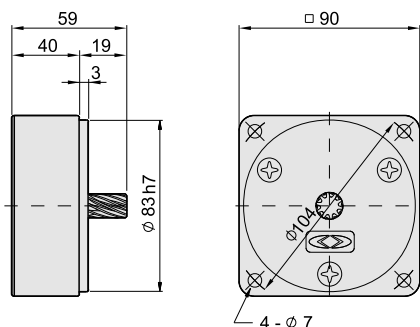
Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Brake Input (W)	Brake Current (A)	Brake Torque (kgfcm)	Applied Gearhead Type		
						Current (A)	Speed (r p m)	Torque (kgfcm)						Metal Bearing	Ball Bearing	Decimal Gearhead
M-4RK25N-SS	4	25	220	50	30min.	0.22	1375	1.8	0.56	5.2	6	0.06	2	G-4N□-L	G-4N□-K	G-4N10X-K
						0.19	1650	1.5	0.52	3.9	6	0.06	2			
M-5RK40N-SS	4	40	220	50	30min.	0.31	1400	2.8	1.10	8.8	7	0.07	4	G-5N□-L	G-5N□-K	G-5N10X-K
						0.27	1675	2.3	1.00	6.6	7	0.07	4			

Decimal Gear Head

G-5U10X-K

Speed - Torque Curve

M-5RK60N-AFS

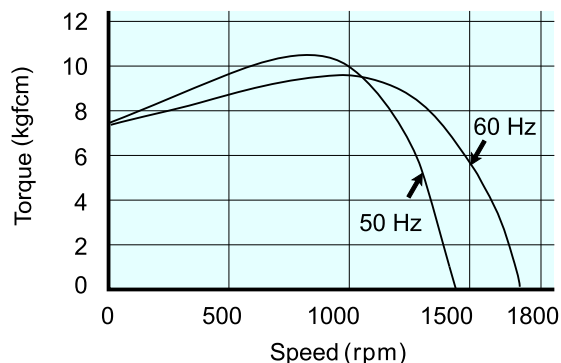
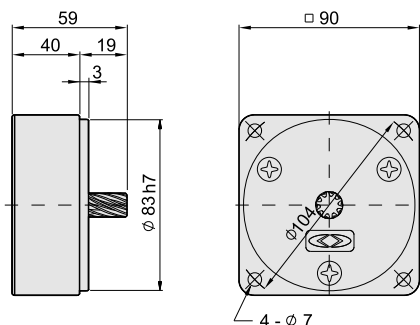


Decimal Gear Head

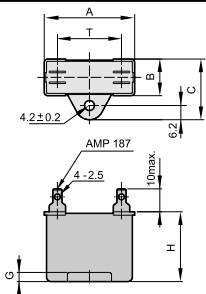
G-5U10X-K

Speed - Torque Curve

M-5RK90U-AFS

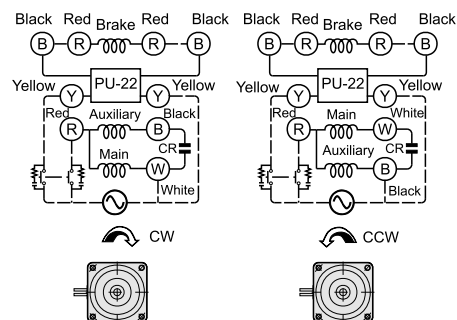


■ Dimensions and Specifications - Capacitor



Capacitor μF(V)	A	B	C	H	G	T	Max.Temp
20(250V)	50	22	32	35	4.5	32	60°C
5(450V)	50	22	32	35	4.5	32	70°C
25(250V)	50	22	32	35	4.5	32	60°C
6(450V)	50	22	32	35	4.5	32	70°C

■ Wiring Diagram



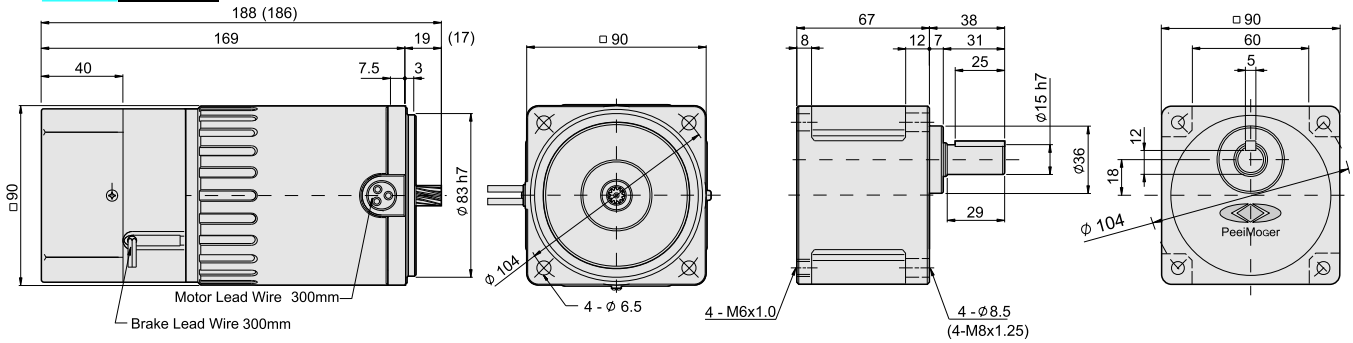
■ Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm) Gear Ratio	With Decimal Gearhead																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-5N□-K G-5U□-K G-5U□-KH	Max.Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100
		10	16	24	27	32	40	48	54	64	77	93	155	200	200	200	200	200	200	200	200	200	200	200
		-	-	-	-	-	-	-	-	-	-	-	155	226	300	300	300	300	-	-	300	300	300	300
G-5U□-K G-5U□-KH	Max.Allowable Torque (kgfcm)	14	23	35	38	46	58	69	77	92	111	133	216	200	200	200	200	200	200	200	200	200	200	200
		-	-	-	-	-	-	-	-	-	-	-	216	300	300	300	300	300	-	-	300	300	300	300

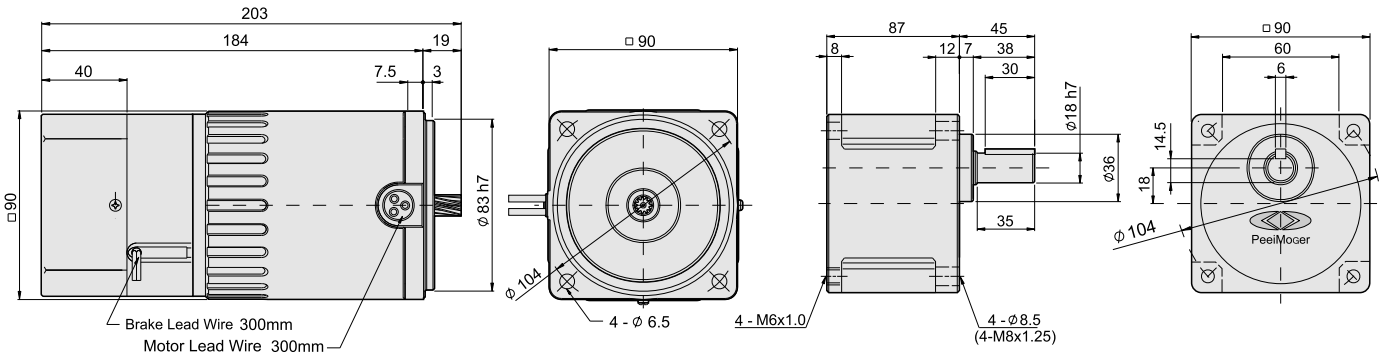
Single Phase Electro-magnetic Brake Motor

Frame	5	Motor	Gear Head
		M-5RK60 _N -□S	G-5U□-K
Output	60W		

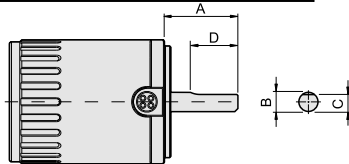


● () The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead ,as G-5N□-K/L

Frame	5	Motor	Gear Head
		M-5RK90U-□S	G-5U□-KH (Developing)
Output	90W		

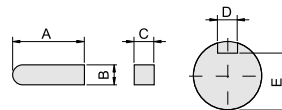


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-5RK60A-□S	37	φ12 h7	11 ⁰ _{-0.15}	30
M-5RK90A-□S	37	φ12 h7	11 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-5U□-K	25	5 ⁰ _{-0.030}	5 ⁰ _{-0.030}	5 ^{+0.050} ₊₀	12 ⁰ _{-0.15}
G-5U□-KH	30	6 ⁰ _{-0.030}	6 ⁰ _{-0.030}	6 ^{+0.050} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

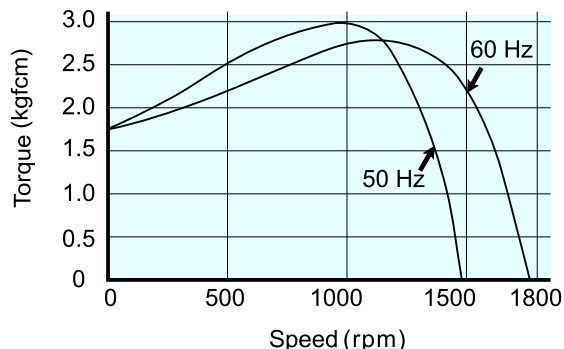
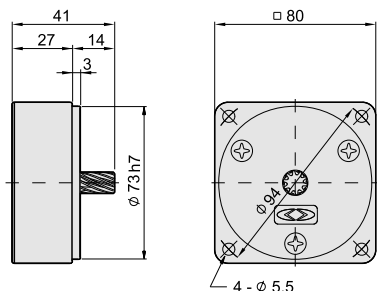
Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Brake Input (W)	Brake Current (A)	Brake Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)							Metal Bearing	Ball Bearing	Decimal Gearhead
M-5RK60 _N -AFS	4	60	110	50	30min	1.3	1300	4.5	2.4	5.8	7	0.14	4	20(250V)	G-5N□-L	G-5N□-K	G-5N10X-K
						1.4	1600	3.6	2.4	5.8						G-5U□-K	G-5U10X-K
M-5RK60 _N -AFS	4	60	220	50	30min	0.65	1300	4.5	1.2	5.8	7	0.07	4	5(450V)	-	G-5U□-KH	G-5U10X-K
						0.70	1600	3.6	1.2	5.8							
M-5RK90U-AFS	4	90	110	50	30min	1.9	1225	7.1	3.0	7.2	7	0.14	4	25(250V)	-	G-5U□-K	G-5U10X-K
						2.1	1525	5.7	2.0	7.2							
M-5RK90U-CFS	4	90	220	50	30min	1.0	1225	7.1	1.5	7.2	7	0.07	4	6(450V)	-	G-5U□-KH	G-5U10X-K
						1.1	1525	5.7	1.5	7.2							

Decimal Gear Head

G-4N10X-K

Speed - Torque Curve

M-4RK25N-AS

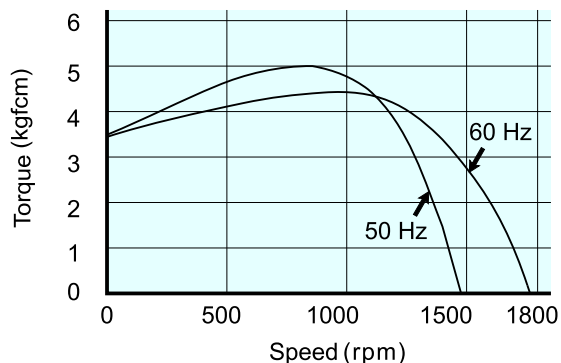
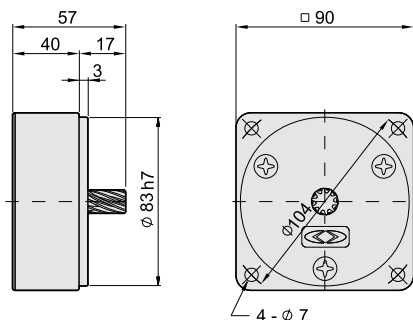


Decimal Gear Head

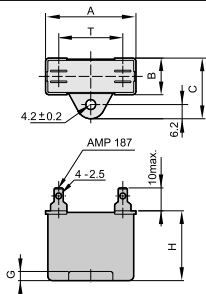
G-5N10X-K

Speed - Torque Curve

M-5RK40N-AS

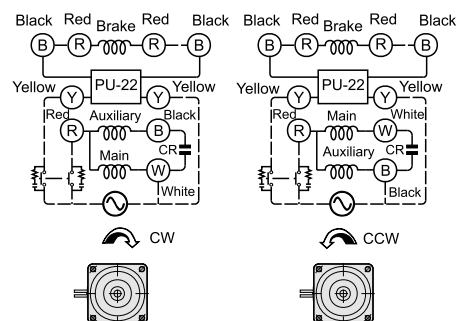


Dimensions and Specifications - Capacitor



Capacitor (μF/V)	A	B	C	H	G	T	Max.Temp
7(250V)	38	20	30	29	5	22	60°C
2(450V)	38	20	30	29	5	22	70°C
10(250V)	38	20	30	29	5	22	60°C
2.5(450V)	38	20	30	29	5	22	70°C

Wiring Diagram



Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
 Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

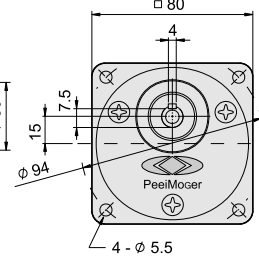
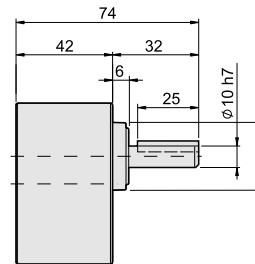
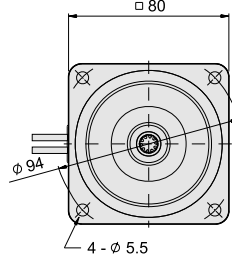
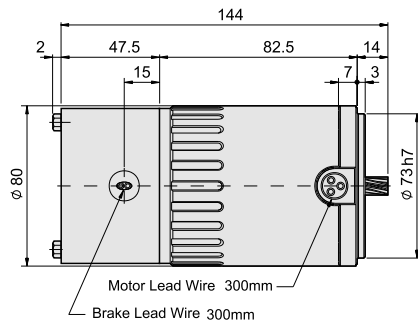
Model	Speed (rpm)	With Decimal Gearhead																					
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5
	50Hz	3	5	7.5	-	10	12.5	15	-	20	25	30	50	75	100	150	200	250	300	500	750	1000	1500
	60Hz	3.6	6	9	-	10	15	18	-	20	30	36	60	90	120	180	200	300	360	600	900	1200	1800
G-4N□-K L	Max.Allowable Torque (kgfcm)	4.0	6.7	10	11	13	16	20	21	26	32	39	65	80	80	80	80	80	80	80	80	80	80
G-5N□-K L	Max.Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100

Single Phase Electro-magnetic Brake Motor

Frame **4** Motor
M-4RK25N-□ S

Output **25W**

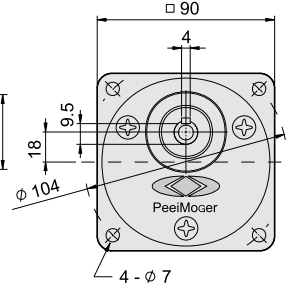
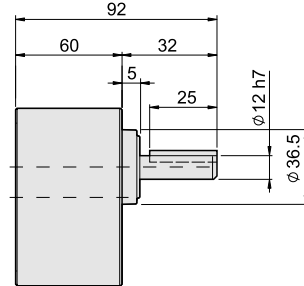
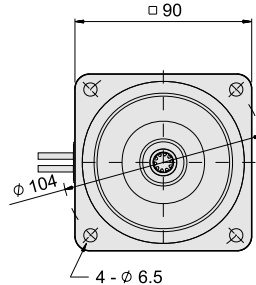
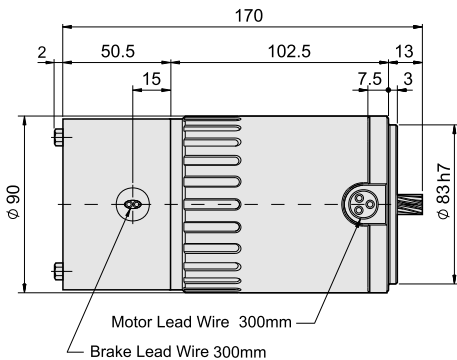
Gear Head
G-4N□- $\begin{matrix} K \\ L \end{matrix}$



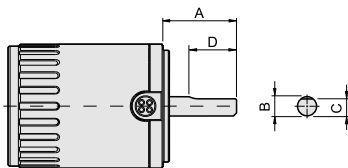
Frame **5** Motor
M-5RK40N-□ S

Output **40W**

Gear Head
G-5N□- $\begin{matrix} K \\ L \end{matrix}$

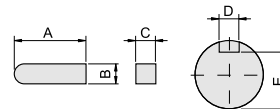


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-4RK25A-□S	32	∅8 h7	7 ⁰ _{-0.15}	25
M-5RK40A-□S	37	∅10 h7	9 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-4N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}
G-5N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	9.5 ⁰ _{-0.15}

Specifications - Motor

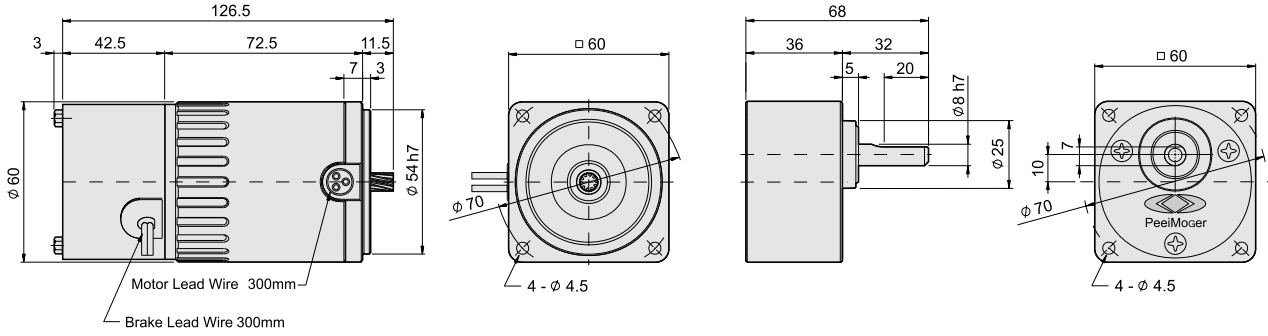
Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Brake Input (W)	Brake Current (A)	Brake Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r p m)	Torque (kgfcm)							Metal Bearing	Ball Bearing	Decimal Gearhead
M-4RK25N-AS	4	25	110	50	30min	0.53	1325	1.8	1.0	1.7	6	0.12	2	7(250V)	G-4N□-L	G-4N□-K	G-4N10X-K
						0.57	1625	1.5	1.0	1.7							
M-4RK25N-CS	4	25	220	50	30min	0.27	1325	1.8	0.5	1.7	6	0.06	2	2(450V)	G-4N□-L	G-4N□-K	G-4N10X-K
						0.29	1625	1.5	0.5	1.7							
M-5RK40N-AS	4	40	110	50	30min	0.80	1300	3.0	1.6	3.5	7	0.14	4	10(250V)	G-5N□-L	G-5N□-K	G-5N10X-K
						0.83	1600	2.4	1.6	3.5							
M-5RK40N-CS	4	40	220	50	30min	0.40	1300	3.0	0.8	3.5	7	0.07	4	2.5(450V)	G-5N□-L	G-5N□-K	G-5N10X-K
						0.42	1600	2.4	0.8	3.5							

Single Phase Electro-magnetic Brake Motor

Frame **2** Motor
M-2RK6N-□ S

Output **6W**

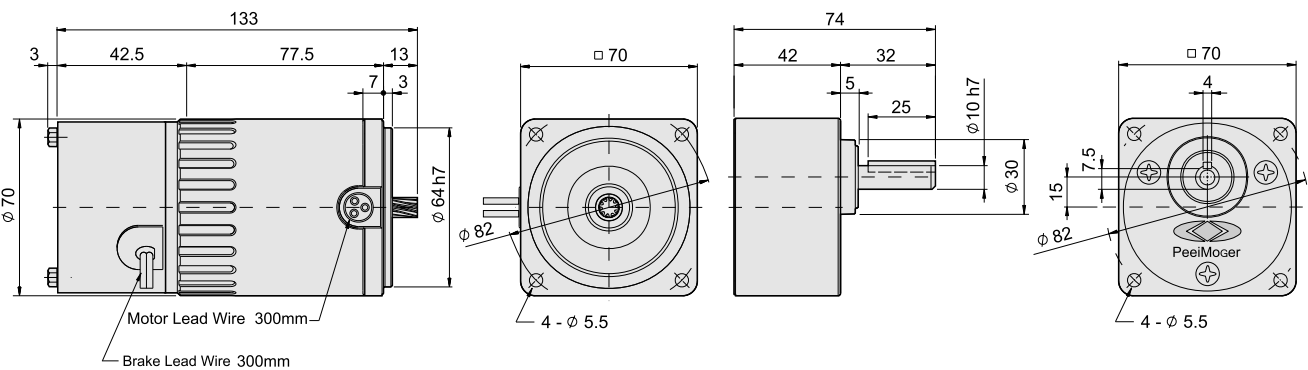
Gear Head
G-2N□-^K_L



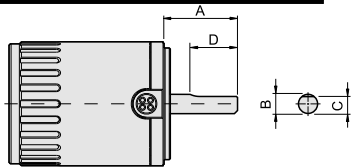
Frame **3** Motor
M-3RK15N-□ S

Output **15W**

Gear Head
G-3N□-^K_L

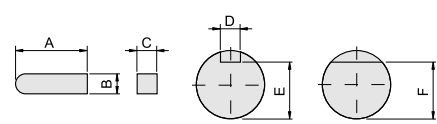


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-2RK6A-□S	24	φ6 h7	5.5 ⁰ _{-0.15}	20
M-3RK15A-□S	32	φ6 h7	5.5 ⁰ _{-0.15}	25

Dimensions - Key & Keyway



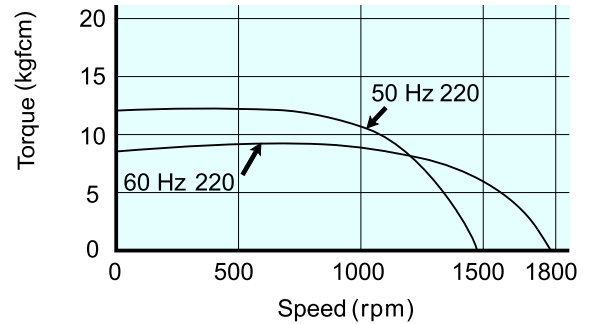
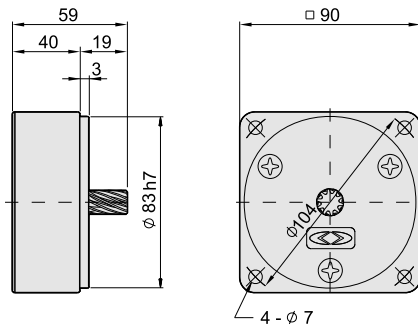
Model	A	B	C	D	E	F
G-2N□- ^K _L	—	—	—	—	—	7 ⁰ _{-0.15}
G-3N□- ^K _L	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}	—

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Brake Input (W)	Brake Current (A)	Brake Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)							Metal Bearing	Ball Bearing	Decimal Gearhead
M-2RK6N-AS	4	6	110	50	30min	0.22	1275	0.45	0.30	0.50	5	0.06	1	3.5(250V)	G-2N□-L	G-2N□-K	G-2N10X-K
				0.23		1600	0.36	0.30	0.50								
M-2RK6N-CS	4	6	220	50	30min	0.11	1275	0.45	0.15	0.50	5	0.03	1	1(450V)	G-2N□-L	G-2N□-K	G-2N10X-K
				0.12		1600	0.36	0.15	0.50								
M-3RK15N-AS	4	15	110	50	30min	0.37	1250	1.20	0.56	0.99	5	0.06	1	5(250V)	G-3N□-L	G-3N□-K	G-3N10X-K
				0.39		1575	0.92	0.56	0.99								
M-3RK15N-CS	4	15	220	50	30min	0.19	1250	1.20	0.28	0.99	5	0.03	1	1.2(450V)	G-3N□-L	G-3N□-K	G-3N10X-K
				0.20		1575	0.93	0.28	0.99								

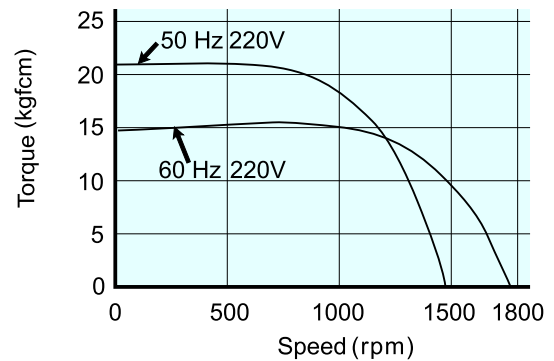
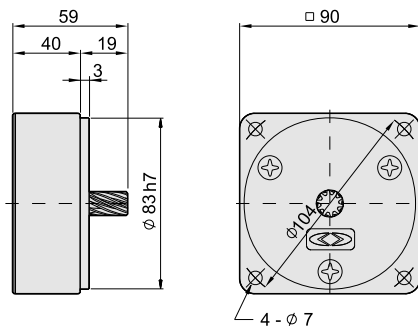
Decimal Gear Head
G-5U10X-K

Speed - Torque Curve
M-5IK60 $\frac{N}{U}$ -SFT



Decimal Gear Head
G-5U10X-K

Speed - Torque Curve
M-5IK90U-SFT



■ Wiring Diagram



● with () : for cw
w/o () : for ccw

■ Gearhead - Max. Permissible Torque

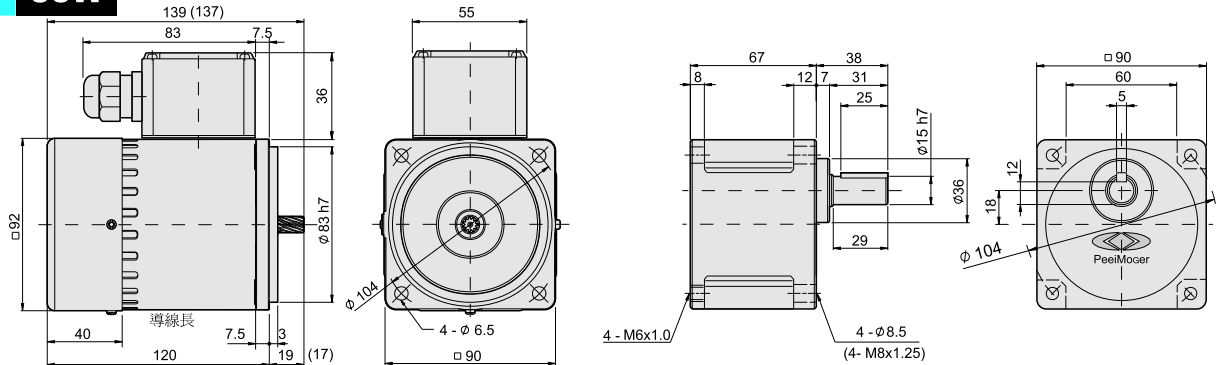
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm) Gear Ratio	Applied Gearhead Type																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-5N□-K G-5U□-K G-5U□-KH	50Hz 60Hz	3 3.6	5 6	7.5 9	- 10	10 12.5	15 18	- 20	20 25	30 36	50 60	75 90	100 120	150 180	200 250	200 300	200 300	200 300	200 300	200 300	200 300	200 300	200 300	200 300
G-5N□-K G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	10	16	24	27	32	40	48	54	64	77	93	155	200	200	200	200	200	200	200	200	200	200	200
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	-	-	-	-	-	-	-	-	-	-	-	155	226	300	300	300	300	-	-	300	300	300	300
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	14	23	35	38	46	58	69	77	92	111	133	216	200	200	200	200	200	200	200	200	200	200	200
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	-	-	-	-	-	-	-	-	-	-	-	216	300	300	300	300	300	-	-	300	300	300	300

Three Phase Induction Motor With Terminal Box

Frame **5** Motor
M-5IK60 N-□□T
Output **60W**

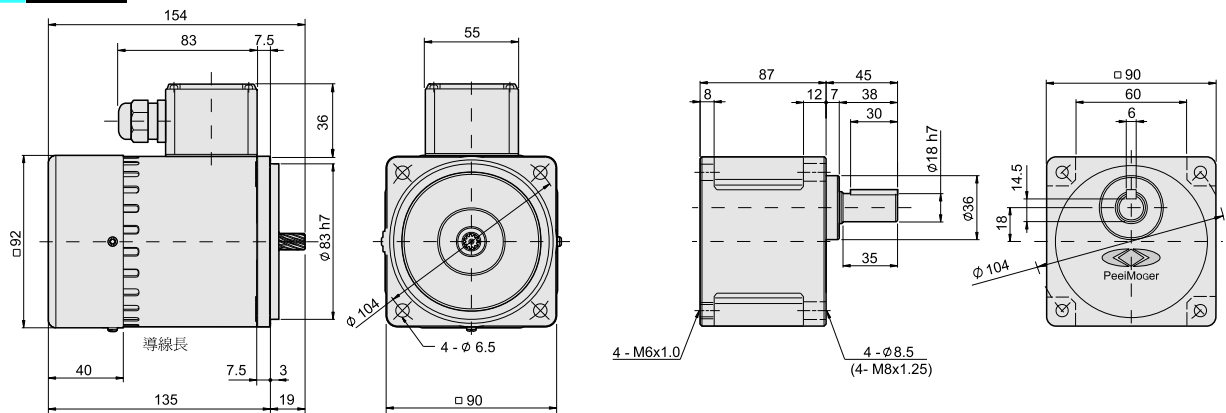
Gear Head
G-5U□-K



() The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead, as G-5N□-K/L

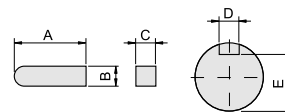
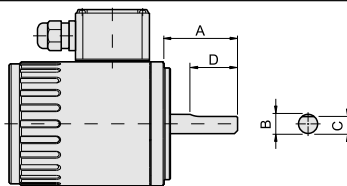
Frame **5** Motor
M-5IK90U-□□T
Output **90W**

Gear Head
G-5U□-KH (Developing)



Specifications - Motor, Round Shaft

Dimensions - Key & Keyway



Model	A	B	C	D
M-5IK60A-□□T	37	∅12 h7	11 ⁰ _{-0.15}	30
M-5IK90A-□□T	37	∅12 h7	11 ⁰ _{-0.15}	30

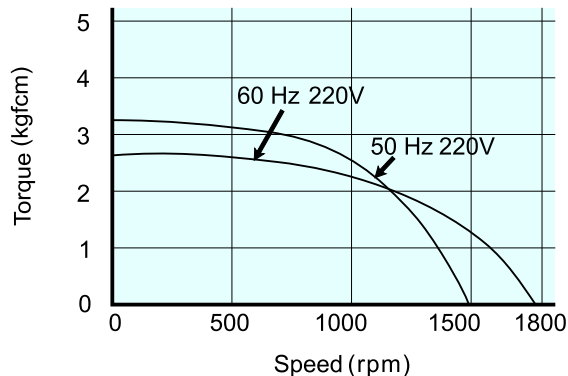
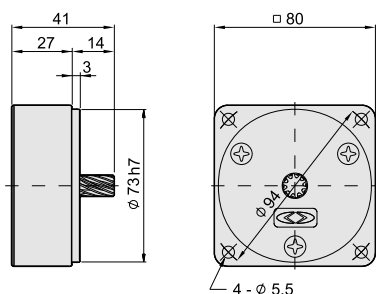
Model	A	B	C	D	E
G-5U□-K	25	5 ⁰ _{-0.03}	5 ⁰ _{-0.03}	5 ^{+0.05} ₊₀	12 ⁰ _{-0.15}
G-5U□-KH	30	6 ⁰ _{-0.03}	6 ⁰ _{-0.03}	6 ^{+0.05} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting		Applied Gearhead Type		
						Current (A)	Speed (r/p.m)	Torque (kgfcm)	Current (A)	Torque (kgfcm)	Metal Bearing	Ball Bearing	Deciral Gearhead
M-5IK60 N-SFT	4	60	220	50	CONT.	0.46	1400	4.2	1.5	1.2	G-5N□-L	G-5N□-K	G-5N10X-K
				60		0.40	1675	3.5	1.4	8.6		-	G-5U□-K
M-5IK90U-SFT	4	90	220	50	CONT.	0.65	1400	6.3	2.3	21	-	G-5U□-K	G-5U10X-K
				60		0.56	1675	5.3	2.1	15		G-5U□-KH	G-5U10X-K

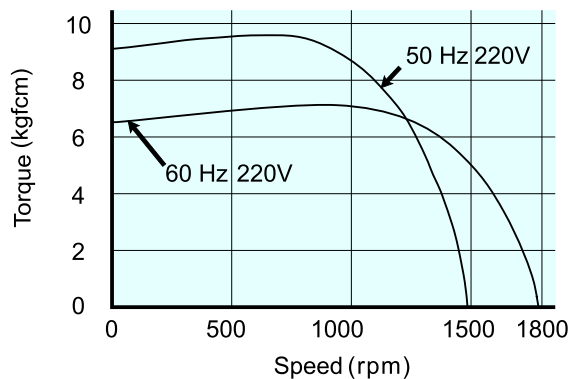
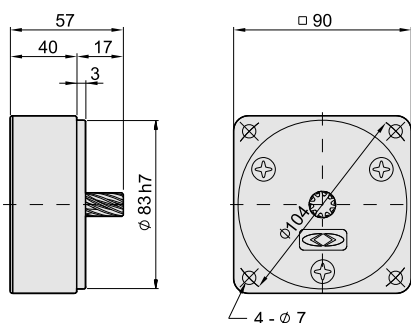
Decimal Gear Head
G-4N10X-K

Speed - Torque Curve
M-4IK25N-ST

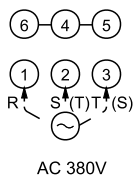
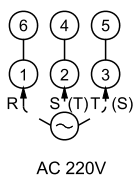


Decimal Gear Head
G-5N10X-K

Speed - Torque Curve
M-5IK40N-ST



Wiring Diagram



● with () : for cw
w/o () : for ccw

Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

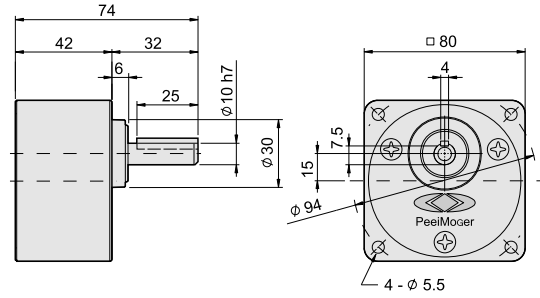
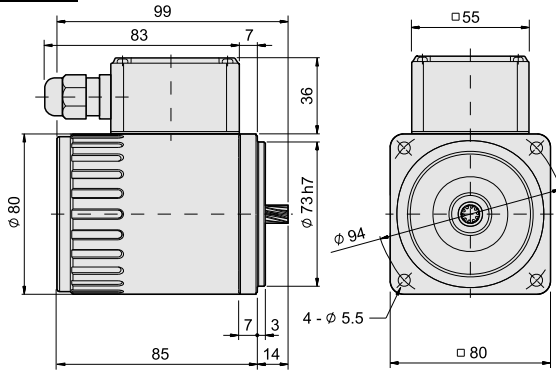
Model	Speed (rpm)	Applied Gearhead Type																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-4N□-K L	50Hz	3	5	7.5	-	10	12.5	15	-	20	25	30	50	75	100	150	-	200	250	300	500	750	1000	1500
	60Hz	3.6	6	9	10	-	15	18	20	-	30	36	60	90	120	180	200	-	300	360	600	900	1200	1800
G-5N□-K L	50Hz	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100
	60Hz	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100

Three Phase Induction Motor With Terminal Box

Frame **4** Motor
M-4IK25N-□T

Output **25W**

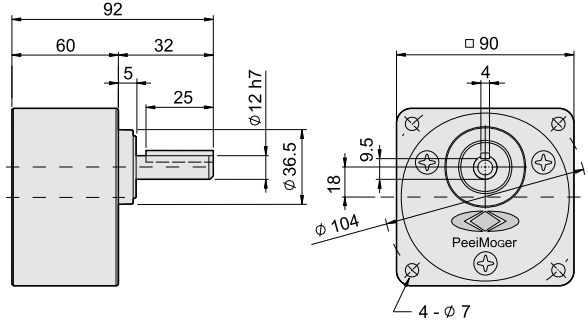
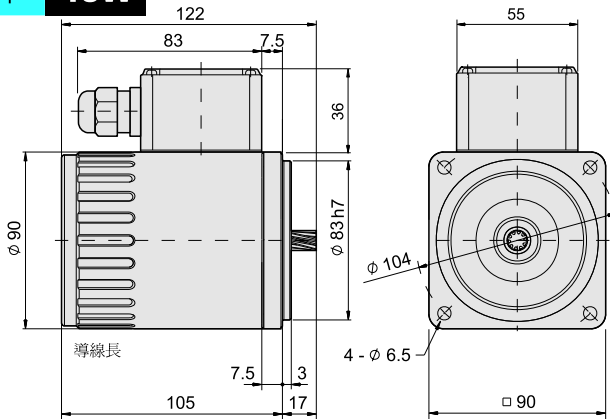
Gear Head
G-4N□-^K_L



Frame **5** Motor
M-5IK40N-□T

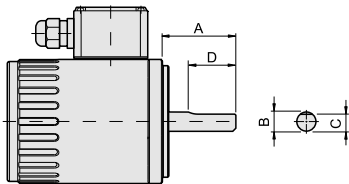
Output **40W**

Gear Head
G-5N□-^K_L

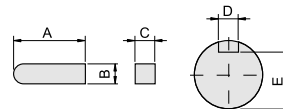


Specifications - Motor, Round Shaft

Dimensions - Key & Keyway



Model	A	B	C	D
M-4IK25A-□□	32	ϕ 8 h7	7 ⁰ _{-0.15}	25
M-5IK40A-□□	37	ϕ 10 h7	9 ⁰ _{-0.15}	30



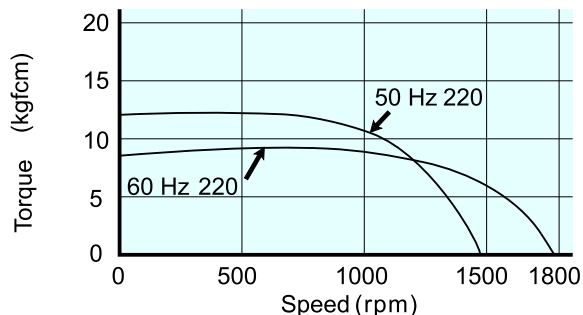
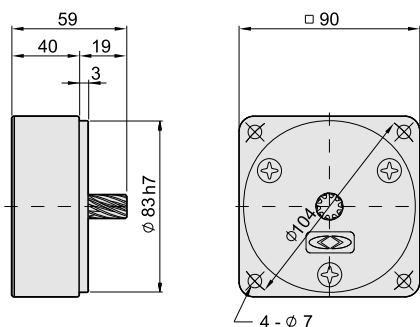
Model	A	B	C	D	E
G-4N□- ^K _L	25	4 ⁰ _{-0.03}	4 ⁰ _{-0.03}	4 ^{+0.06} _{+0.01}	7.5 ⁰ _{-0.15}
G-5N□- ^K _L	25	4 ⁰ _{-0.03}	4 ⁰ _{-0.03}	4 ^{+0.06} _{+0.01}	9.5 ⁰ _{-0.15}

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Applied Gearhead Type				
						Current (A)	Speed (r.p.m)	Torque (kgfcm)	Starting Current (A)	Starting Torque (kgfcm)	Metal Bearing	Ball Bearing	Decimal Gearhead
M-4IK25N-ST	4	25	220	50	CONT.	0.22	1375	1.8	0.56	5.2	G-4N□-L	G-4N□-K	G-4N10X-K
						0.19	1650	1.5	0.52	3.9			
M-5IK40N-ST	4	40	220	50	CONT.	0.31	1400	2.8	1.10	8.8	G-5N□-L	G-5N□-K	G-5N10X-K
						0.27	1675	2.3	1.00	6.6			

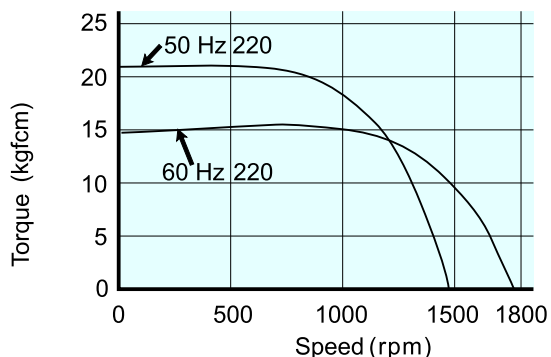
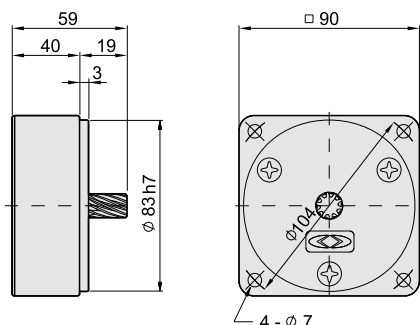
Decimal Gear Head
G-5U10X-K

Speed - Torque Curve
M-5IK60_N-SF



Decimal Gear Head
G-5U10X-K

Speed - Torque Curve
M-5IK90U-SF



■ Wiring Diagram



● with () : for cw
w/o () : for ccw

■ Gearhead - Max. Permissible Torque

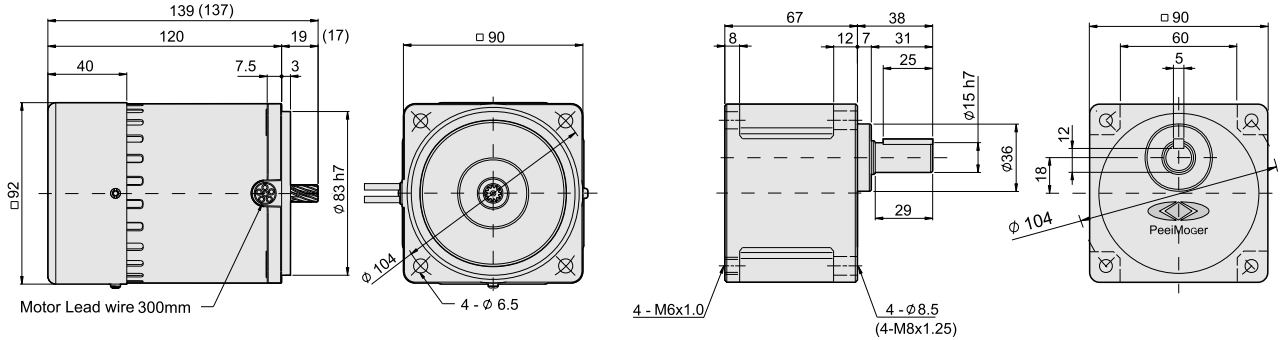
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm) Gear Ratio	Applied Gearhead Type																					
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5
G-5N□-K G-5U□-K G-5U□-KH	50Hz 60Hz	3 3.6	5 6	7.5 9	- 10	10 12.5	15 18	- 20	20 25	30 36	60 90	100 150	100 200	100 200	100 300	100 300	100 300	100 300	100 300	100 300	100 300	100 300	100 300
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	14	23	35	38	46	58	69	77	92	111	133	216	200	200	200	200	200	200	200	200	200	200

Three Phase Induction Motor

Frame 5 Motor **M-5IK60 N-□□** Gear Head **G-5U□-K**

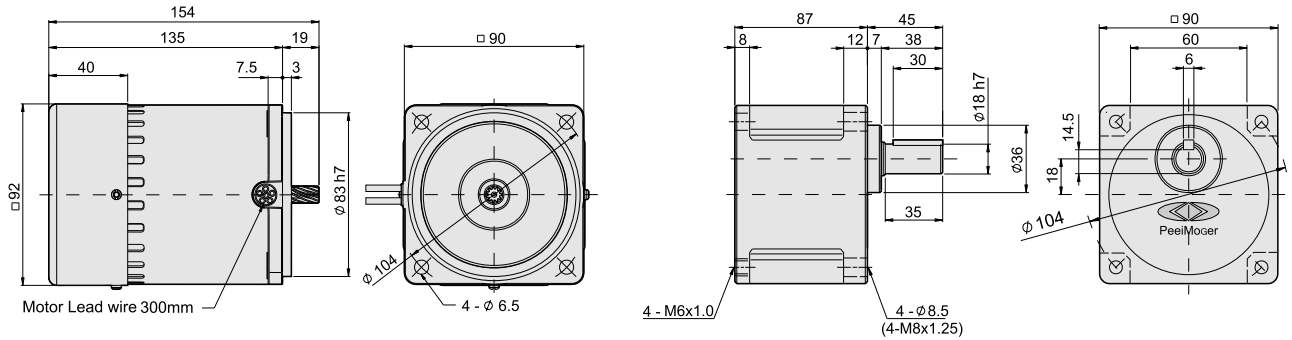
Output 60W



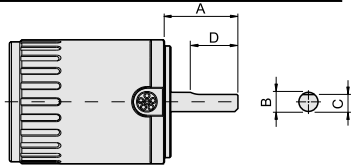
● () The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead ,as G-5N□-K/L

Frame 5 Motor **M-5IK90U- □□** Gear Head **G-5U□-KH (Developing)**

Output 90W

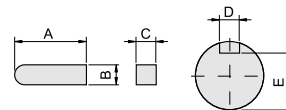


Specifications - Motor, Round Shaft



Model	A	B	C	D
M-5IK60A-□□	37	∅12 h7	11 ⁰ _{-0.15}	30
M-5IK90A-□□	37	∅12 h7	11 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



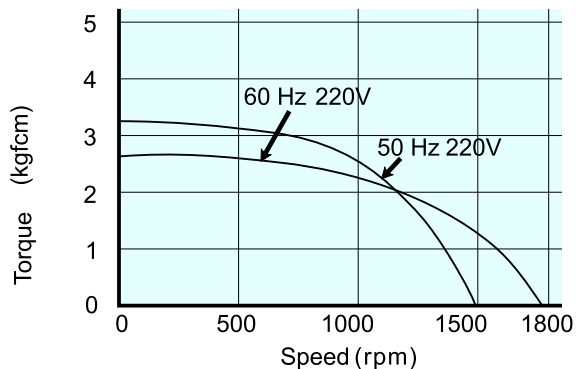
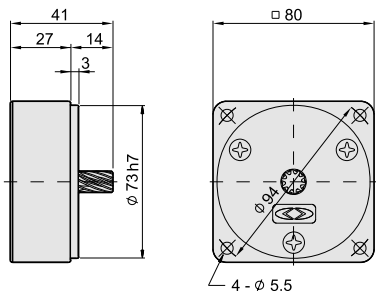
Model	A	B	C	D	E
G-5U□-K	25	5 ⁰ _{-0.030}	5 ⁰ _{-0.030}	5 ^{+0.050} ₊₀	12 ⁰ _{-0.15}
G-5U□-KH	30	6 ⁰ _{-0.030}	6 ⁰ _{-0.030}	6 ^{+0.050} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Applied Gearhead Type			
						Current (A)	Speed (r p m)	Torque (kgfcm)			Metal Bearing	Ball Bearing	Deciral Gearhead	
M-5IK60 N-SF	4	60	220	50	CONT.	0.46	1400	4.2	1.5	1.2	G-5N□-L	-	G-5N□-K	G-5N10X-K
				60		0.40	1675	3.5	1.4	8.6			G-5U□-K	G-5U10X-K
M-5IK90U-SF	4	90	220	50	CONT.	0.65	1400	6.3	2.3	21	-	-	G-5U□-K	G-5U10X-K
				60		0.56	1675	5.3	2.1	15			G-5U□-KH	G-5U10X-K

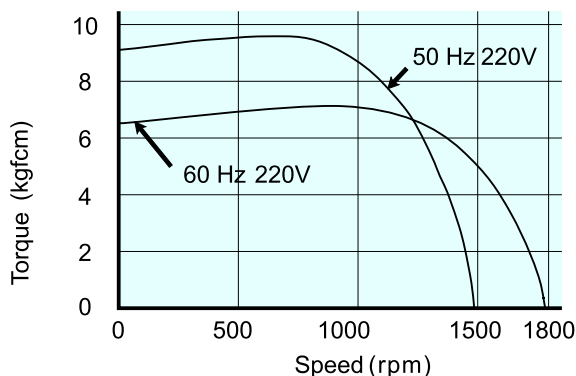
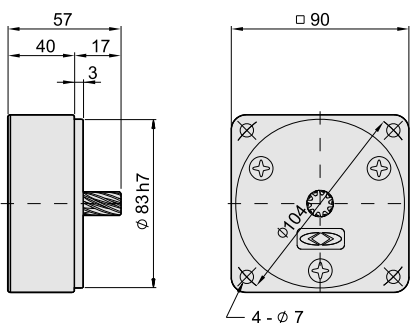
Decimal Gear Head G-4N10X-K

Speed - Torque Curve M-4IK25N-S

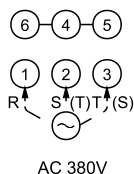
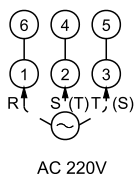


Decimal Gear Head G-5N10X-K

Speed - Torque Curve M-5IK40N-S



Wiring Diagram



● with () : for cw
w/o () : for ccw

Gearhead - Max. Permissible Torque

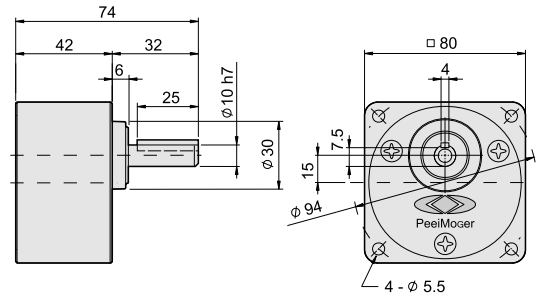
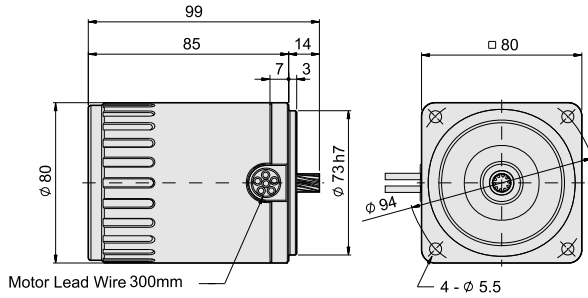
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm) Gear Ratio	Applied Gearhead Type																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-4N□-K L	50Hz	3	5	7.5	-	10	12.5	15	-	20	25	30	50	75	100	150	-	200	250	300	500	750	1000	1500
	60Hz	3.6	6	9	10	-	15	18	20	-	30	36	60	90	120	180	200	-	300	360	600	900	1200	1800
G-5N□-K L	50Hz	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100
	60Hz	8.0	13	18	21	26	32	39	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100	100

Three Phase Induction Motor

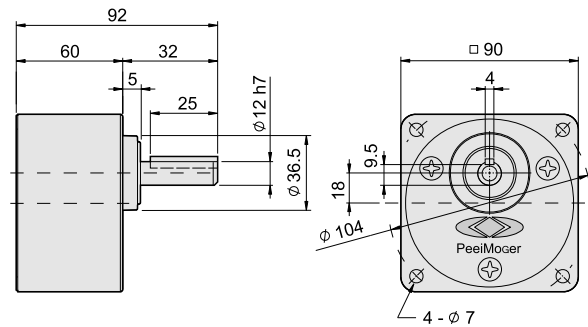
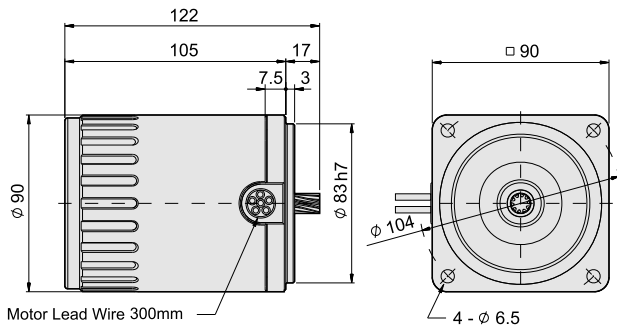
Frame 4
Motor
 M-4IK25N-□□
Output 25W

Gear Head
 G-4N□-^K_L

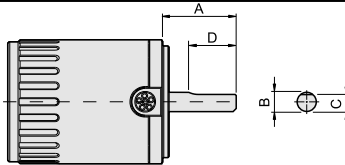


Frame 5
Motor
 M-5IK40N-□□
Output 40W

Gear Head
 G-5N□-^K_L

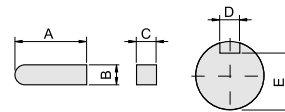


Specifications - Motor, Round Shaft



Model	A	B	C	D
M-4IK25A-□□	32	∅8 h7	7 ⁰ _{-0.15}	25
M-5IK40A-□□	37	∅10 h7	9 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-4N□- ^K _L	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}
G-5N□- ^K _L	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	9.5 ⁰ _{-0.15}

Specifications - Motor

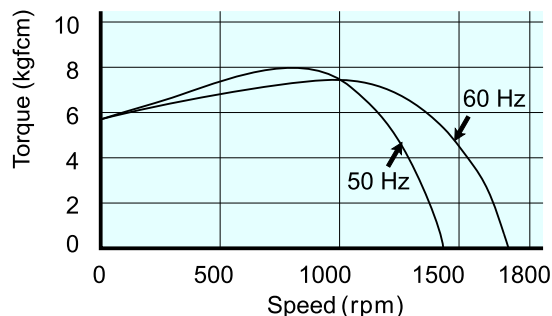
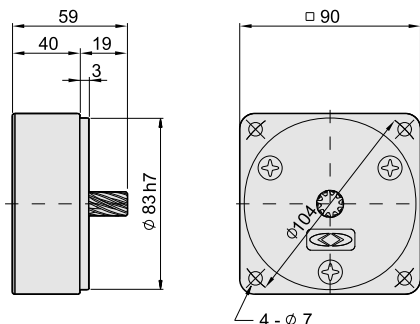
Model	Poles	Output (w)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)			Metal Bearing	Ball Bearing	Decimal Gearhead
M-4IK25N-S	4	25	220	50	CONT.	0.22	1375	1.8	0.56	5.2	G-4N□-L	G-4N□-K	G-4N10X-K
				60		0.19	1650	1.5	0.52	3.9			
M-5IK40N-S	4	40	220	50	CONT.	0.31	1400	2.8	1.10	8.8	G-5N□-L	G-5N□-K	G-5N10X-K
				60		0.27	1675	2.3	1.00	6.6			

Decimal Gear Head

G-5U10X-K

Speed - Torque Curve

M-5RK60_N-AF

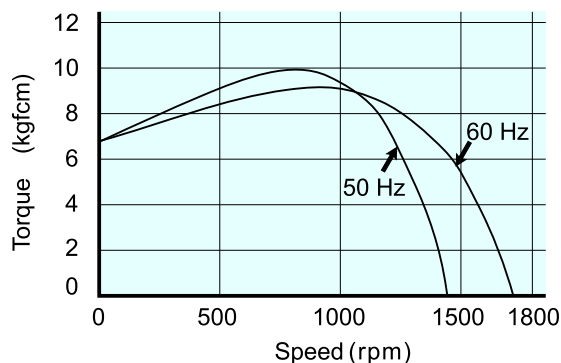
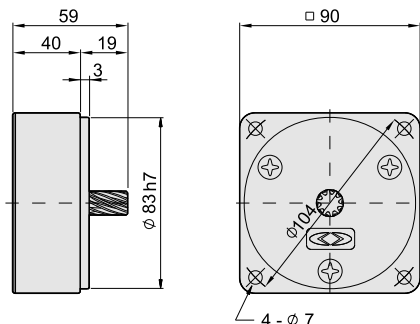


Decimal Gear Head

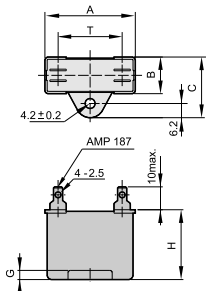
G-5U10X-K

Speed - Torque Curve

M-5RK90U-AF

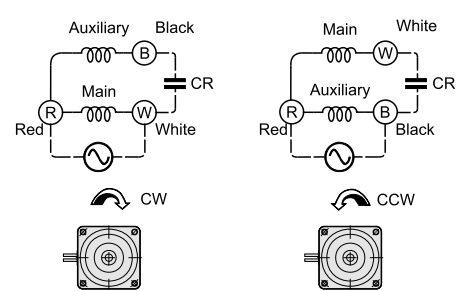


■ Dimensions and Specifications - Capacitor



Capacitor μF(V)	A	B	C	H	G	T	Max.Temp
20(250V)	50	22	32	35	4.5	32	60°C
5(450V)	50	22	32	35	4.5	32	70°C
25(250V)	50	22	32	35	4.5	32	60°C
6(450V)	50	22	32	35	4.5	32	70°C

■ Wiring Diagram



■ Gearhead - Max. Permissible Torque

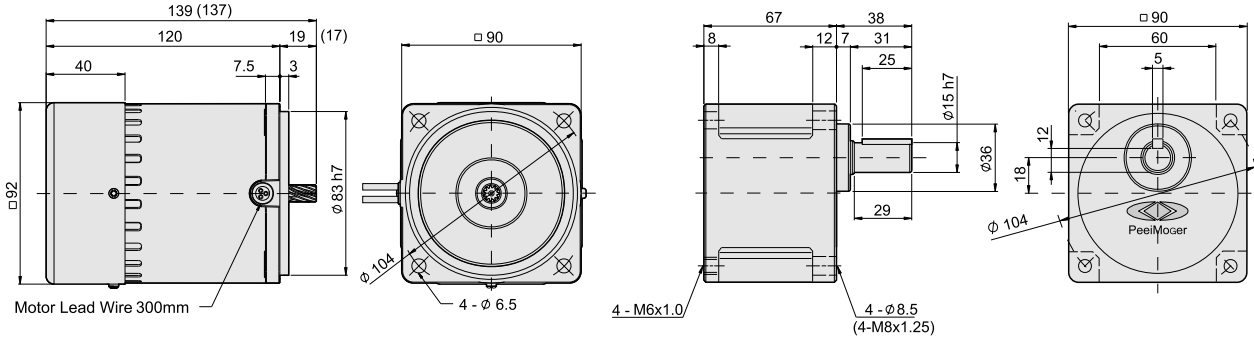
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm)	With Decimal Gearhead																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-5N□-K L G-5U□-K G-5U□-KH	Speed	500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
	50Hz Gear Ratio	3	5	7.5	10	12.5	15	20	25	30	36	60	75	100	150	200	200	250	300	500	750	1000	1500	
	60Hz Gear Ratio	3.6	6	9	10	15	18	20	30	36	45	60	90	120	180	200	300	300	360	600	900	1200	1800	
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	
	Dark area	10	16	24	27	32	40	48	54	64	77	93	155	200	200	200	200	200	200	200	200	200	200	
	Shallow area	-	-	-	-	-	-	-	-	-	-	-	155	226	300	300	300	-	-	300	300	300	300	
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	14	23	35	38	46	58	69	77	92	111	133	216	200	200	200	200	200	200	200	200	200	200	
	Dark area	-	-	-	-	-	-	-	-	-	-	-	216	300	300	300	300	-	-	300	300	300	300	
	Shallow area	-	-	-	-	-	-	-	-	-	-	-	-	300	300	300	300	-	-	300	300	300	300	

Single Phase Reversible Motor

Frame **5** Motor
M-5RK60^N-□□
Output **60W**

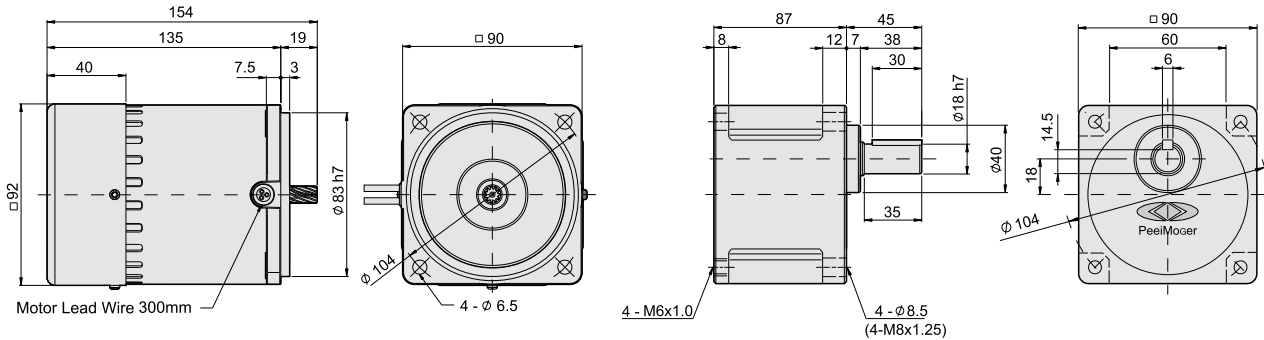
Gear Head
G-5U□-K



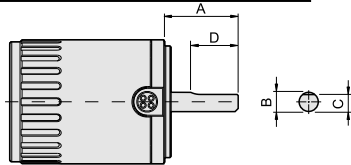
● () The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead ,as G-5N□-K/L

Frame **5** Motor
M-5RK90U-□□
Output **90W**

Gear Head
G-5U□-KH (Developing)

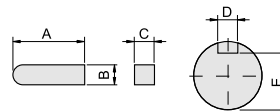


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-5RK60A-□□	37	φ12 h7	11 ⁰ _{-0.15}	30
M-5RK90A-□□	37	φ12 h7	11 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-5U□-K	25	5 ⁰ _{-0.030}	5 ⁰ _{-0.030}	5 ^{+0.050} ₊₀	12 ⁰ _{-0.15}
G-5U□-KH	30	6 ⁰ _{-0.030}	6 ⁰ _{-0.030}	6 ^{+0.050} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

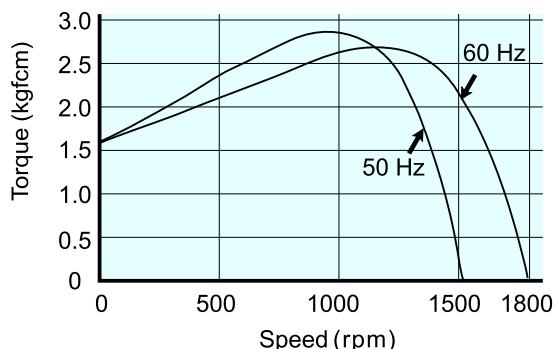
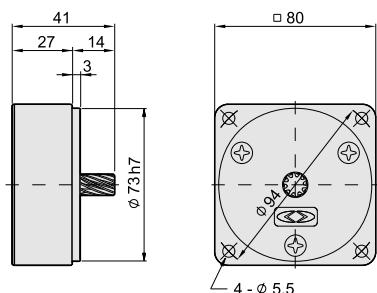
Model	Poles	Output (w)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Capacitor μF(V)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)				Metal Bearing	Ball Bearing	Decimal Gearhead
M-5RK60 ^N -AF	4	60	110	50	30min	1.5	1250	4.7	2.4	5.5	20(250V)	G-5N□-L	G-5N□-K	G-5N10X-K
				60		1.6	1550	3.8	2.4	5.4				
M-5RK60 ^N -AF	4	60	220	50	30min	0.75	1250	4.7	1.2	5.5	5(450V)	-	G-5U□-K	G-5U10X-K
				60		0.80	1550	3.8	1.2	5.5				
M-5RK90U-AF	4	90	110	50	30min	1.9	1200	7.3	3.0	6.8	25(250V)	-	G-5U□-K	G-5U10X-K
				60		1.9	1500	5.8	3.0	6.8				
M-5RK90U-CF	4	90	220	50	30min	0.95	1200	7.3	1.5	6.8	6(450V)	-	G-5U□-KH	G-5U10X-K
				60		0.95	1500	5.8	1.5	6.8				

Decimal Gear Head

G-4N10X-K

Speed - Torque Curve

M-4RK25N-A

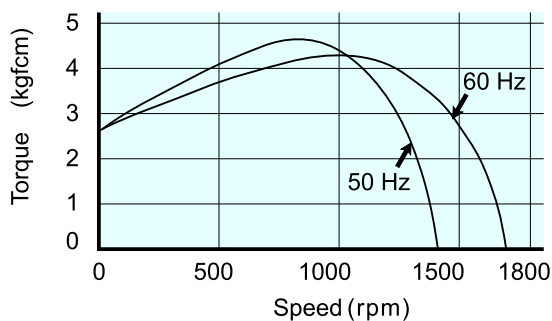
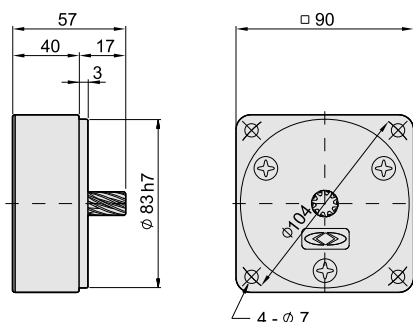


Decimal Gear Head

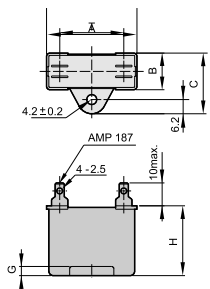
G-5N10X-K

Speed - Torque Curve

M-5RK40N-A

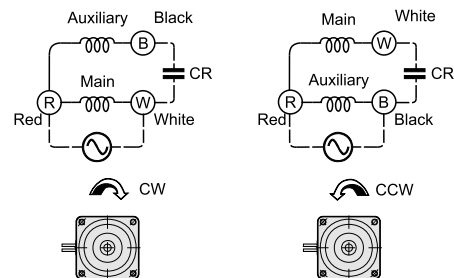


Dimensions and Specifications - Capacitor



Capacitor (μF/V)	A	B	C	H	G	T	Max.Temp
7(250V)	38	20	30	29	5	22	60°C
2(450V)	38	20	30	29	5	22	70°C
10(250V)	38	20	30	29	5	22	60°C
2.5(450V)	38	20	30	29	5	22	70°C

Wiring Diagram



Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
 Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

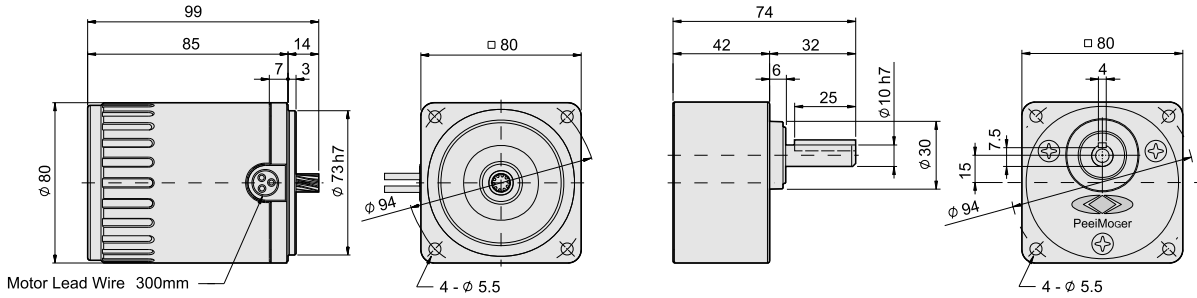
Model	Speed (rpm)	With Decimal Gearhead																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-4N□-K L	Speed (rpm)	500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
	Gear Ratio	3	5	7.5	10	10	12.5	15	18	20	25	30	50	75	100	150	200	200	250	300	500	750	1000	1500
G-5N□-K L	Speed (rpm)	500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
	Gear Ratio	3.6	6	9	10	10	15	18	20	20	30	36	60	90	120	180	200	300	360	600	900	1200	1800	
G-4N□-K L	Max. Allowable Torque (kgfcm)	4.0	6.7	10	11	13	16	20	21	26	32	39	65	80	80	80	80	80	80	80	80	80	80	80
	G-5N□-K L	Max. Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100

Single Phase Reversible Motor

Frame **4** Motor
M-4RK25N-□□

Output **25W**

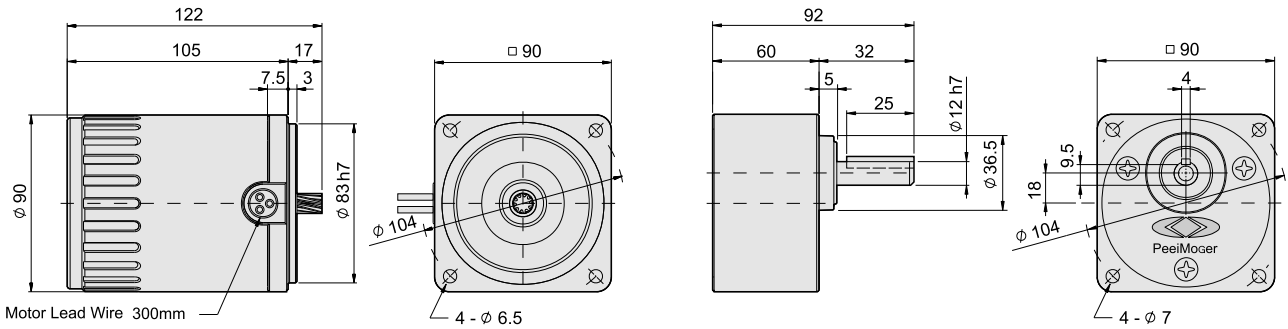
Gear Head
G-4N□- $\begin{matrix} K \\ L \end{matrix}$



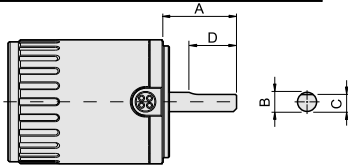
Frame **5** Motor
M-5RK40N-□□

Output **40W**

Gear Head
G-5N□- $\begin{matrix} K \\ L \end{matrix}$

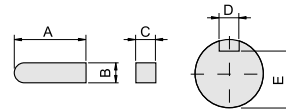


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-4RK25A-□□	32	$\phi 8$ h7	$7 \begin{matrix} 0 \\ -0.15 \end{matrix}$	25
M-5RK40A-□□	37	$\phi 10$ h7	$9 \begin{matrix} 0 \\ -0.15 \end{matrix}$	30

Dimensions - Key & Keyway



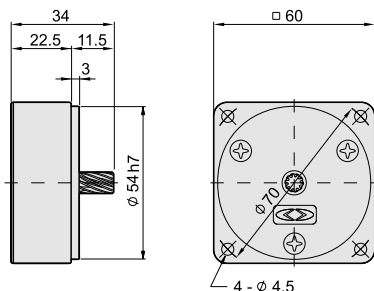
Model	A	B	C	D	E
G-4N□- $\begin{matrix} K \\ L \end{matrix}$	25	$4 \begin{matrix} 0 \\ -0.030 \end{matrix}$	$4 \begin{matrix} 0 \\ -0.030 \end{matrix}$	$4 \begin{matrix} +0.060 \\ +0.010 \end{matrix}$	$7.5 \begin{matrix} 0 \\ -0.15 \end{matrix}$
G-5N□- $\begin{matrix} K \\ L \end{matrix}$	25	$4 \begin{matrix} 0 \\ -0.030 \end{matrix}$	$4 \begin{matrix} 0 \\ -0.030 \end{matrix}$	$4 \begin{matrix} +0.060 \\ +0.010 \end{matrix}$	$9.5 \begin{matrix} 0 \\ -0.15 \end{matrix}$

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Capacitor μ F(V)	Applied Gearhead Type		
						Current (A)	Speed (r p m)	Torque (kgfcm)				Metal Bearing	Ball Bearing	Decimal Gearhead
M-4RK25N-A	4	25	110	50	30min	0.55	1300	1.9	1.0	1.4	7(250V)	G-4N□-L	G-4N□-K	G-4N10X-K
				60		0.58	1625	1.5	1.0	1.5				
M-4RK25N-C	4	25	220	50	30min	0.28	1300	1.9	0.5	1.4	2(450V)	G-4N□-L	G-4N□-K	G-4N10X-K
				60		0.29	1625	1.5	0.5	1.5				
M-5RK40N-A	4	40	110	50	30min	0.95	1150	3.3	1.6	2.6	10(250V)	G-5N□-L	G-5N□-K	G-5N10X-K
				60		0.93	1475	2.6	1.6	2.6				
M-5RK40N-C	4	40	220	50	30min	0.48	1150	3.3	0.8	2.6	2.5(450V)	G-5N□-L	G-5N□-K	G-5N10X-K
				60		0.47	1475	2.6	0.8	2.6				

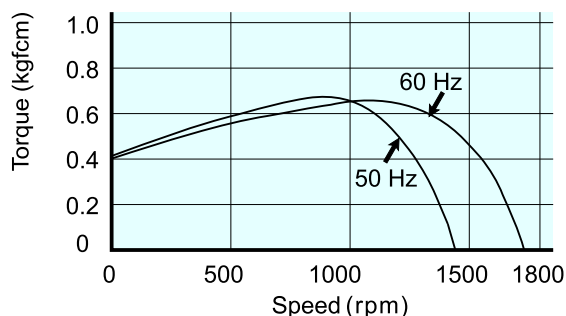
Decimal Gear Head

G-2N10X-K



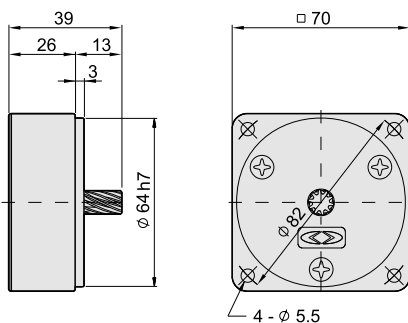
Speed - Torque Curve

M-2RK6N-A



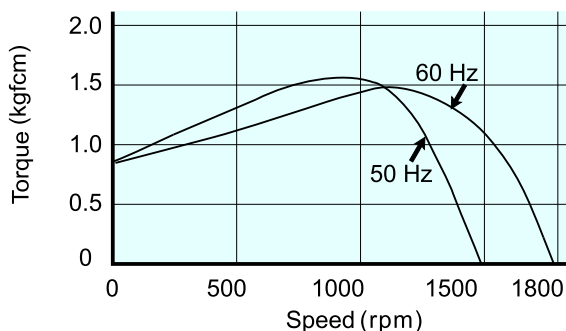
Decimal Gear Head

G-3N10X-K

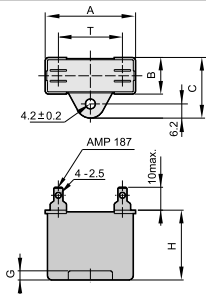


Speed - Torque Curve

M-3RK15N-A

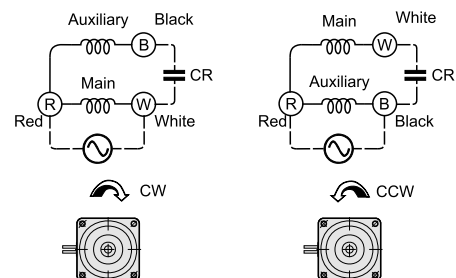


Dimensions and Specifications - Capacitor



Capacitor (uF/V)	A	B	C	H	G	T	Max. Temp
3.5(250V)	32	13	23	21	4	17	60°C
1(450V)	37	12.5	22.5	22	5	22	70°C
5(250V)	32	13	23	21	4	17	60°C
1.2(450V)	37	12.5	22.5	22	5	22	70°C

Wiring Diagram



Gearhead - Max. Permissible Torque

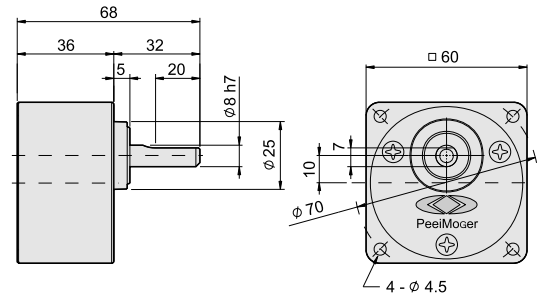
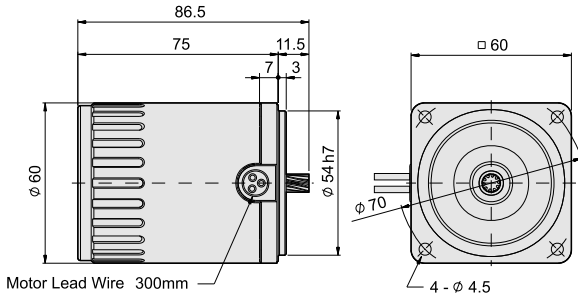
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
 Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm)	With Decimal Gearhead																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-2N□-K L	50Hz	3	5	7.5	-	10	12.5	15	-	20	25	30	50	75	100	150	200	-	250	300	500	750	1000	1500
	60Hz	3.6	6	9	10	-	15	18	20	30	36	60	90	120	180	200	-	300	360	600	900	1200	1800	
G-3N□-K L	50Hz	2.4	2.7	6.0	6.7	8.2	10	12	13	16	19	23	39	50	50	50	50	50	50	50	50	50	50	50
	60Hz	2.4	2.7	6.0	6.7	8.2	10	12	13	16	19	23	39	50	50	50	50	50	50	50	50	50	50	50

Single Phase Reversible Motor

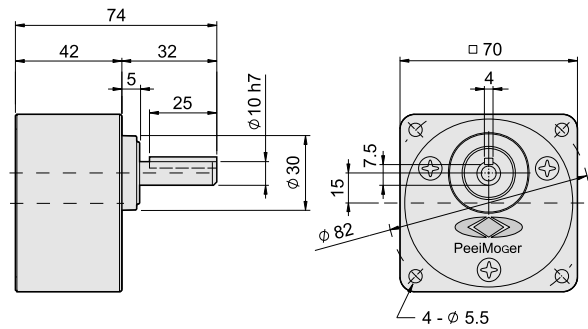
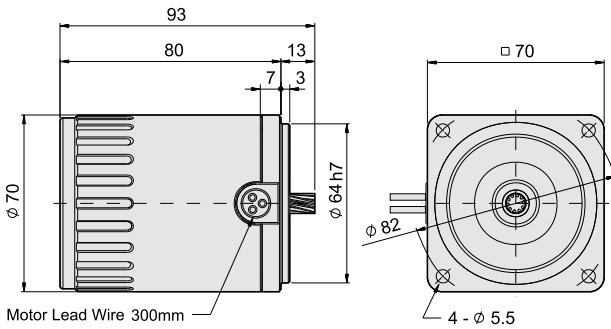
Frame **2** Motor
M-2RK6N-□□
Output **6W**

Gear Head
G-2N□- $\begin{matrix} K \\ L \end{matrix}$

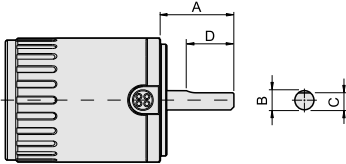


Frame **3** Motor
M-3RK15N-□□
Output **15W**

Gear Head
G-3N□- $\begin{matrix} K \\ L \end{matrix}$

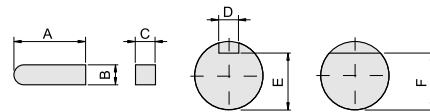


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-2RK6A-□□	24	φ6 h7	5.5 ⁰ _{-0.15}	20
M-3RK15A-□□	32	φ6 h7	5.5 ⁰ _{-0.15}	25

Dimensions - Key & Keyway



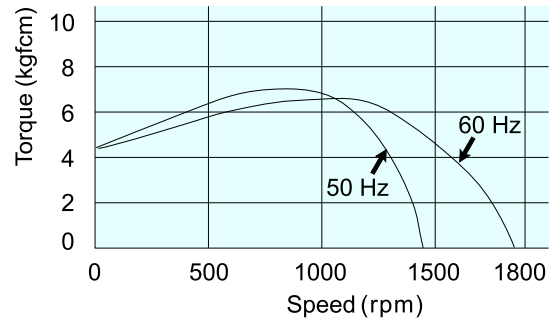
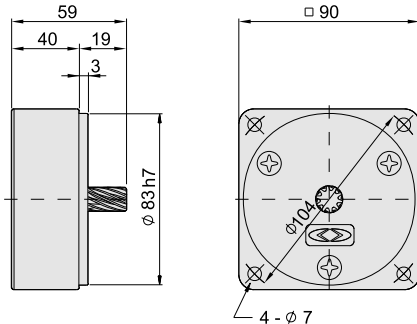
Model	A	B	C	D	E	F
G-2N□- $\begin{matrix} K \\ L \end{matrix}$	-	-	-	-	-	7 ⁰ _{-0.15}
G-3N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}	-

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r p m)	Torque (kgfcm)				Metal Bearing	Ball Bearing	Decimal Gearhead
M-2RK6N-A	4	6	110	50	30min	0.23	1225	0.46	0.31	0.40	3.5(250V)	G-2N□-L	G-2N□-K	G-2N10X-K
				60		0.23	1550	0.37	0.31	0.40				
M-2RK6N-C	4	6	220	50	30min	0.12	1225	0.46	0.16	0.40	1(450V)	G-2N□-L	G-2N□-K	G-2N10X-K
				60		0.12	1550	0.37	0.16	0.40				
M-3RK15N-A	4	15	110	50	30min	0.36	1250	1.10	0.59	0.84	5(250V)	G-3N□-L	G-3N□-K	G-3N10X-K
				60		0.38	1575	0.90	0.57	0.84				
M-3RK15N-C	4	15	220	50	30min	0.18	1250	1.10	0.30	0.84	1.2(450V)	G-3N□-L	G-3N□-K	G-3N10X-K
				60		0.19	1575	0.90	0.29	0.84				

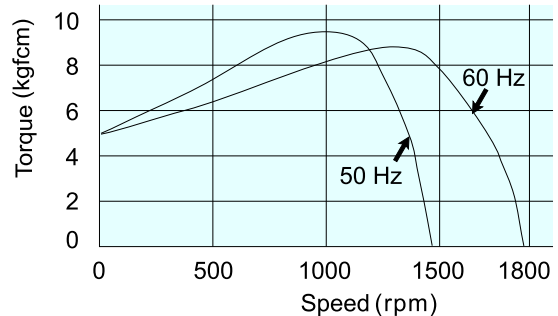
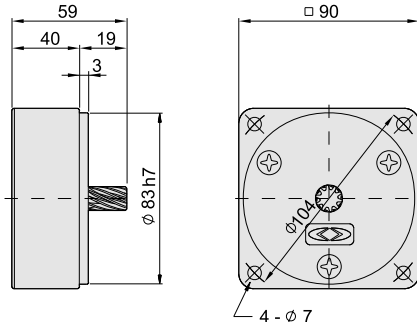
Decimal Gear Head
G-5U10X-K

Speed - Torque Curve
M-5IK60_N-AF

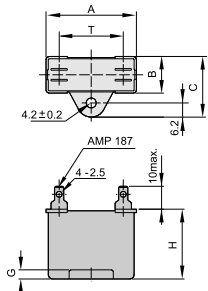


Decimal Gear Head
G-5U10X-K

Speed - Torque Curve
M-5IK90U-AF

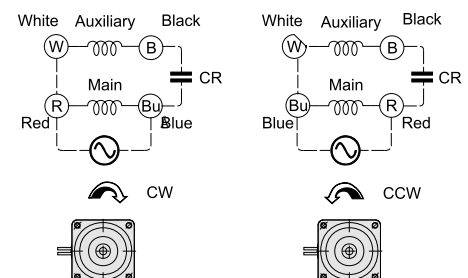


■ Dimensions and Specifications - Capacitor



Capacitor (μF/V)	A	B	C	H	G	T	Max.Temp
16(250V)	50	22	32	35	4.5	32	60°C
4(450V)	50	22	32	35	4.5	32	70°C
20(250V)	50	22	32	35	4.5	32	60°C
5(450V)	50	22	32	35	4.5	32	70°C

■ Wiring Diagram



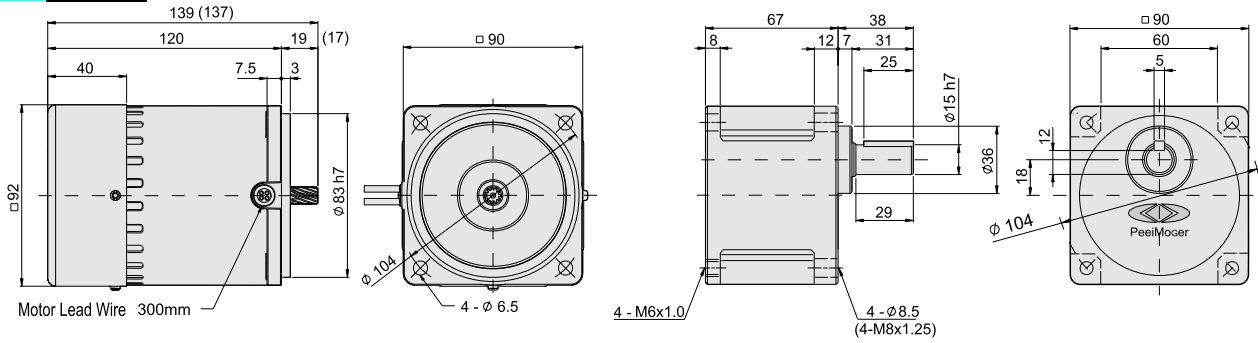
■ Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm)	With Decimal Gearhead																										
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1				
	Gear Ratio 50Hz	3	5	7.5	-	10	12.5	15	18	20	25	30	36	45	60	90	120	150	180	200	250	300	360	500	750	1000	1500	1800
	Gear Ratio 60Hz	3.6	6	9	-	11	14	18	22	25	30	36	45	60	80	100	120	150	180	200	250	300	360	500	750	1000	1500	1800
G-5N□-K G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	14	23	35	38	46	58	69	77	92	111	133	216	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200

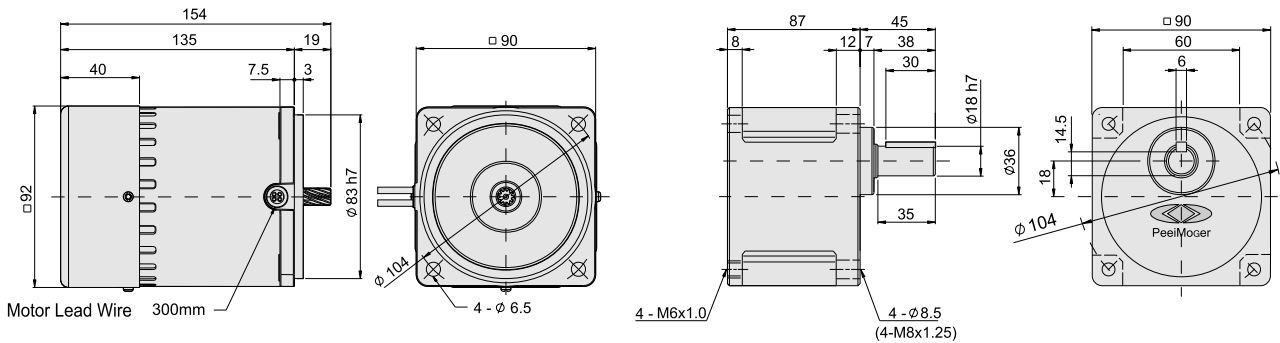
Single Phase Induction Motor

Frame	5	Motor	Gear Head
		M-5IK60-N □ □	G-5U □ -K
Output	60W		

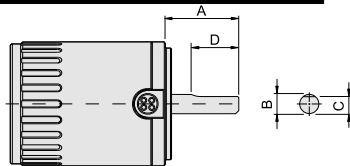


() The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead ,as G-5N □ -K/L

Frame	5	Motor	Gear Head
		M-5IK90U- □ □	G-5U □ -KH (Developing)
Output	90W		

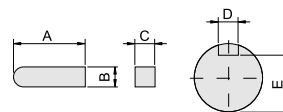


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-5IK60A- □ □	37	φ12 h7	11 ⁰ _{-0.15}	30
M-5IK90A- □ □	37	φ12 h7	11 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



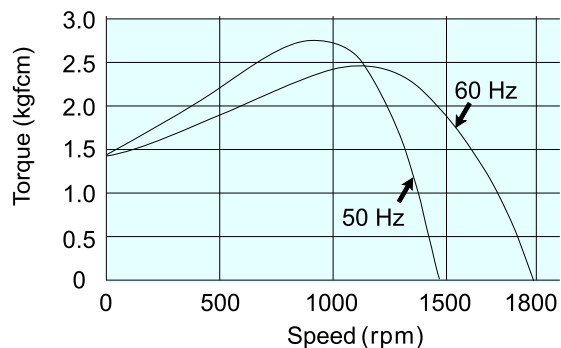
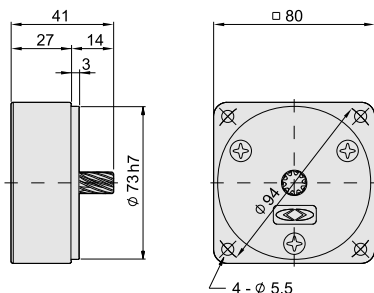
Model	A	B	C	D	E
G-5U □ -K	25	5 ⁰ _{-0.030}	5 ⁰ _{-0.030}	5 ^{+0.050} ₊₀	12 ⁰ _{-0.15}
G-5U □ -KH	30	6 ⁰ _{-0.030}	6 ⁰ _{-0.030}	6 ^{+0.050} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)				Metal Bearing	Ball Bearing	Decimal Gearhead
M-5IK60-N-AF	4	60	110	50	CONT.	1.04	1250	4.3	2.2	4.5	16(250V)	G-5N □ -L	G-5N □ -K	G-5N10X-K
				60		1.06	1550	3.8	2.2	4.5			G-5U □ -K	G-5U10X-K
M-5IK60-N-AF	4	60	220	50	CONT.	0.55	1250	4.9	1.1	4.5	4(450V)	-	G-5U □ -KH	G-5U10X-K
				60		0.54	1550	4.2	1.1	4.5			G-5U □ -K	G-5U10X-K
M-5IK90U-AF	4	90	110	50	CONT.	1.60	1325	6.5	3.4	4.8	20(250V)	-	G-5U □ -K	G-5U10X-K
				60		1.70	1625	5.3	3.1	4.8			G-5U □ -KH	G-5U10X-K
M-5IK90U-CF	4	90	220	50	CONT.	0.80	1325	6.5	1.7	4.8	5(450V)	-	G-5U □ -KH	G-5U10X-K
				60		0.85	1625	5.3	1.6	4.8				

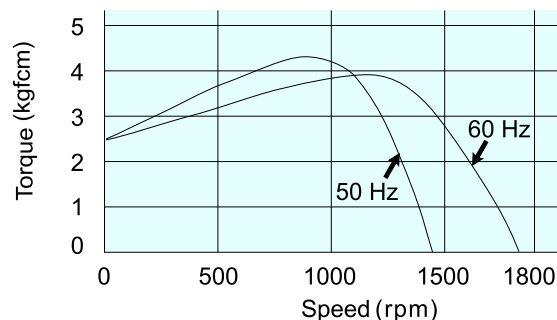
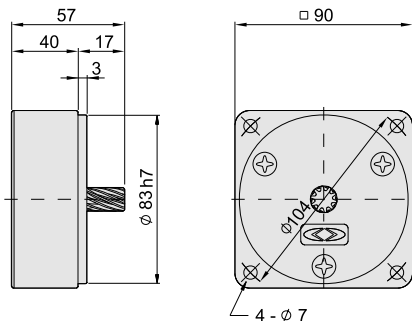
Decimal Gear Head

G-4N10X-K

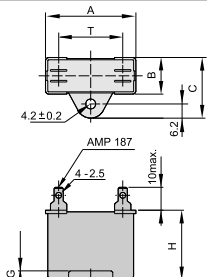


Decimal Gear Head

G-5N10X-K

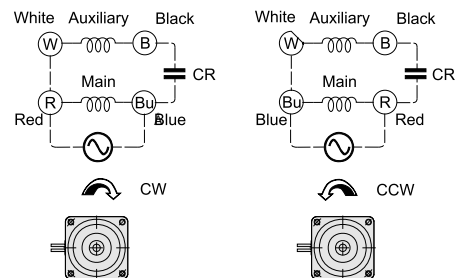


■ Dimensions and Specifications - Capacitor



Capacitor μF(V)	A	B	C	H	G	T	Max.Temp
6(250V)	38	20	30	29	5	22	60°C
1.5(450V)	38	20	30	29	5	22	70°C
8(250V)	38	20	30	29	5	22	60°C
2(450V)	38	20	30	29	5	22	70°C

■ Wiring Diagram



■ Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

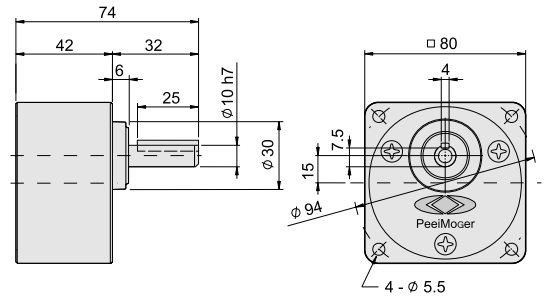
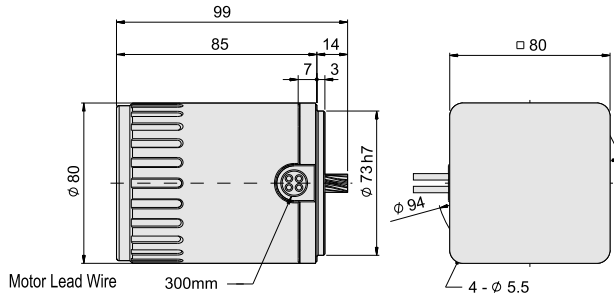
Model	Speed (rpm) Gear Ratio	With Decimal Gearhead																							
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1	
G-4N□-K L	50Hz	3	5	7.5	-	10	12.5	15	-	20	25	30	50	75	100	150	-	200	250	300	300	500	750	1000	1500
	60Hz	3.6	6	9	10	-	15	18	20	-	30	36	60	90	120	180	200	-	300	360	600	900	1200	1800	
G-5N□-K L	50Hz	4.0	6.7	10	11	13	16	20	21	26	32	39	65	80	80	80	80	80	80	80	80	80	80	80	80
	60Hz	4.7	8.0	12	13	16	20	24	26	32	40	50	83	100	100	100	100	100	100	100	100	100	100	100	100

Single Phase Induction Motor

Frame **4** Motor
M-4IK25N-□□

Output **25W**

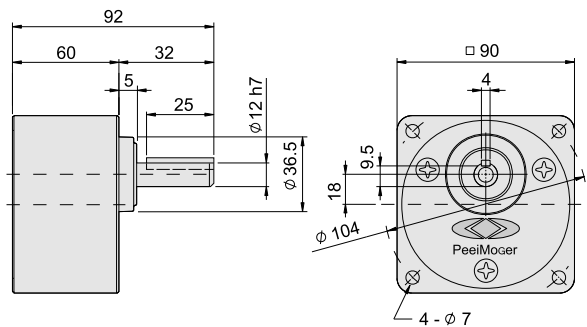
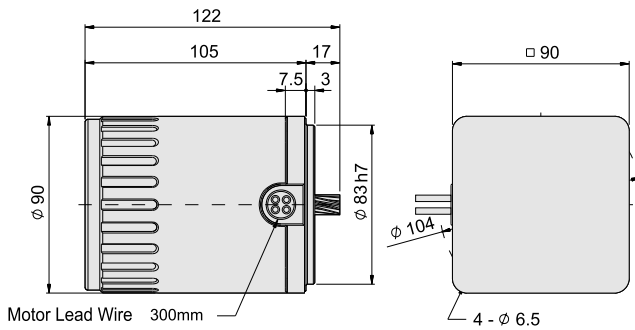
Gear Head
G-4N□- $\begin{matrix} K \\ L \end{matrix}$



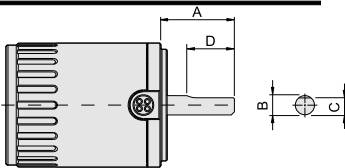
Frame **5** Motor
M-5IK40N-□□

Output **40W**

Gear Head
G-5N□- $\begin{matrix} K \\ L \end{matrix}$

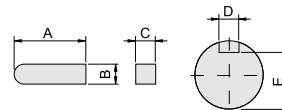


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-4IK25A-□□	32	∅8 h7	7 ⁰ _{-0.15}	25
M-5IK40A-□□	37	∅10 h7	9 ⁰ _{-0.15}	30

Dimensions - Key & Keyway



Model	A	B	C	D	E
G-4N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{-0.010}	7.5 ⁰ _{-0.15}
G-5N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{-0.010}	9.5 ⁰ _{-0.15}

Specifications - Motor

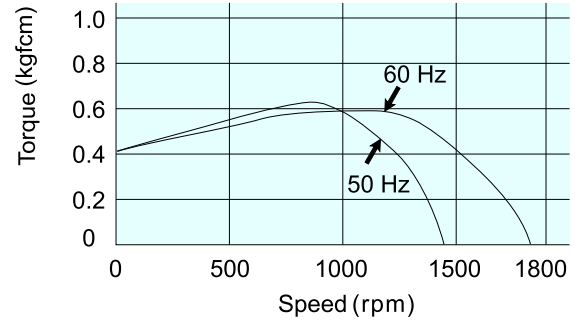
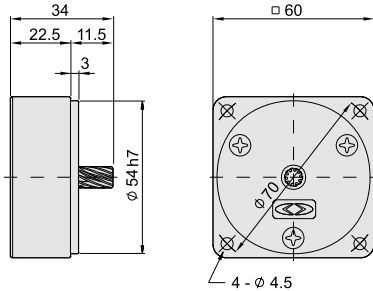
Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)				Metal Bearing	Ball Bearing	Decimal Gearhead
M-4IK25N-A	4	25	110	50	CONT.	0.57	1250	1.8	1.20	1.4	6(250V)	G-4N□-L	G-4N□-K	G-4N10X-K
				0.49		1500	1.8	0.91	1.4					
M-4IK25N-C	4	25	220	50	CONT.	0.28	1250	1.8	0.60	1.4	1.5(450V)	G-4N□-L	G-4N□-K	G-4N10X-K
				0.24		1625	1.5	0.55	1.4					
M-5IK40N-A	4	40	110	50	CONT.	0.93	1250	3.3	1.60	2.4	8(250V)	G-5N□-L	G-5N□-K	G-5N10X-K
				0.74		1575	2.7	1.50	2.4					
M-5IK40N-C	4	40	220	50	CONT.	0.32	1270	3.1	0.80	2.4	2(450V)	G-5N□-L	G-5N□-K	G-5N10X-K
				0.31		1590	2.5	0.75	2.4					

Decimal Gear Head

G-2N10X-K

Speed - Torque Curve

M-2IK6N-A

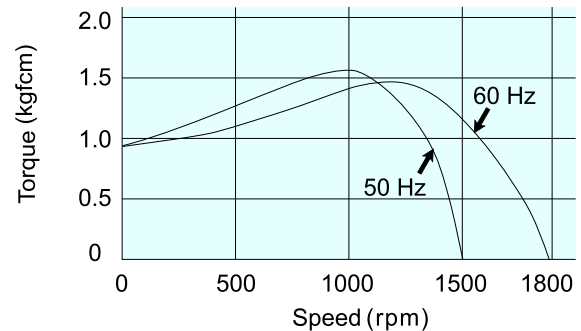
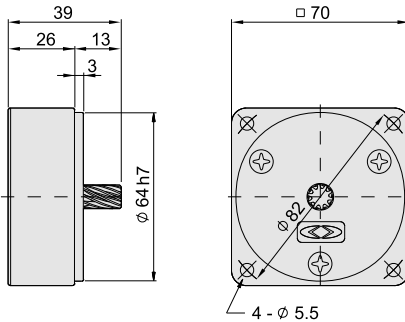


Decimal Gear Head

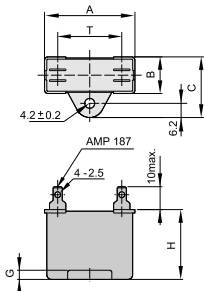
G-3N10X-K

Speed - Torque Curve

M-3IK15N-A

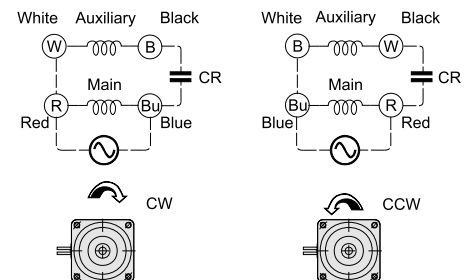


Dimensions and Specifications - Capacitor



Capacitor $\mu F(V)$	A	B	C	H	G	T	Max.Temp
2.5(250V)	32	13	23	21	4	17	60°C
0.8(450V)	37	12.5	22.5	22	5	22	70°C
4(250V)	32	13	23	21	4	17	60°C
1(450V)	37	12.5	22.5	22	5	22	70°C

Wiring Diagram



Gearhead - Max. Permissible Torque

Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
 Shallow area: the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

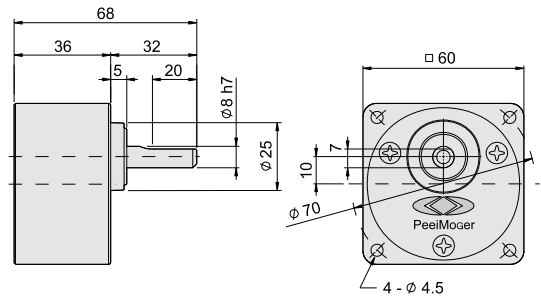
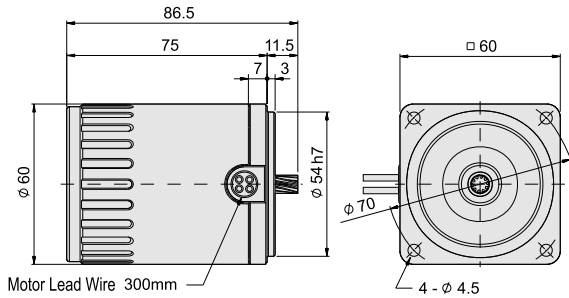
Model	Speed (rpm) Gear Ratio	With Decimal Gearhead																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
G-2N□-K L	50Hz 60Hz	3 3.6	5 6	7.5 9	- 10	10 12.5	15 18	20 25	- 30	20 30	25 30	30 36	50 60	75 90	100 120	150 180	- 200	- 200	250 300	300 360	500 600	750 900	1000 1200	1500 1800
G-2N□-K L	Max. Allowable Torque (kgfcm)	1.0	1.6	2.5	2.7	3.4	4.1	5.0	5.4	6.7	8.1	9.7	16	23	25	25	25	25	25	25	25	25	25	25
G-3N□-K L	Max. Allowable Torque (kgfcm)	2.4	4.0	6.0	6.7	8.2	10	12	13	16	19	23	39	50	50	50	50	50	50	50	50	50	50	50

Single Phase Induction Motor

Frame **2** Motor
M-2IK6N-□□

Output **6W**

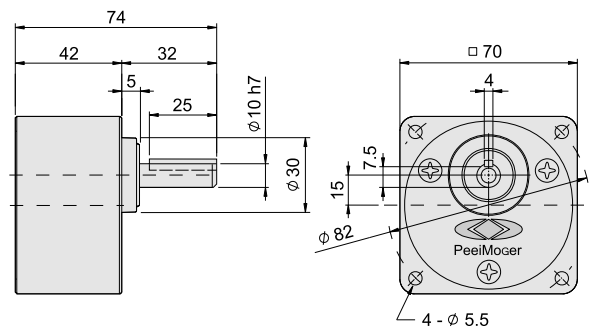
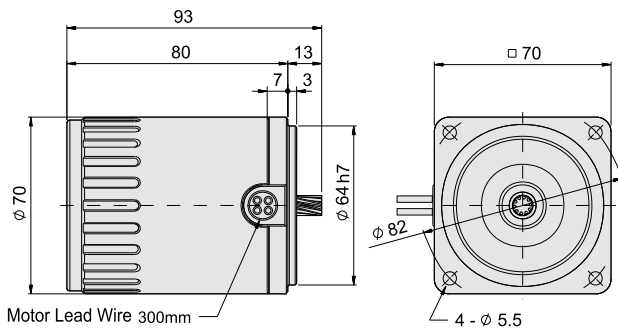
Gear Head
G-2N□- $\begin{matrix} K \\ L \end{matrix}$



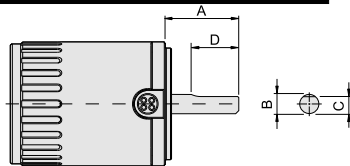
Frame **3** Motor
M-3IK15N-□□

Output **15W**

Gear Head
G-3N□- $\begin{matrix} K \\ L \end{matrix}$

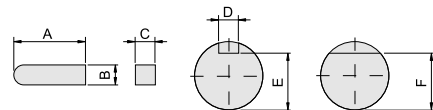


Dimensions - Motor, Round Shaft



Model	A	B	C	D
M-2IK6A-□□	24	φ6 h7	5.5 ⁰ _{-0.15}	20
M-3IK15A-□□	32	φ6 h7	5.5 ⁰ _{-0.15}	25

Dimensions - Key & Keyway



Model	A	B	C	D	E	F
G-2N□- $\begin{matrix} K \\ L \end{matrix}$	—	—	—	—	—	7 ⁰ _{-0.15}
G-3N□- $\begin{matrix} K \\ L \end{matrix}$	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}	—

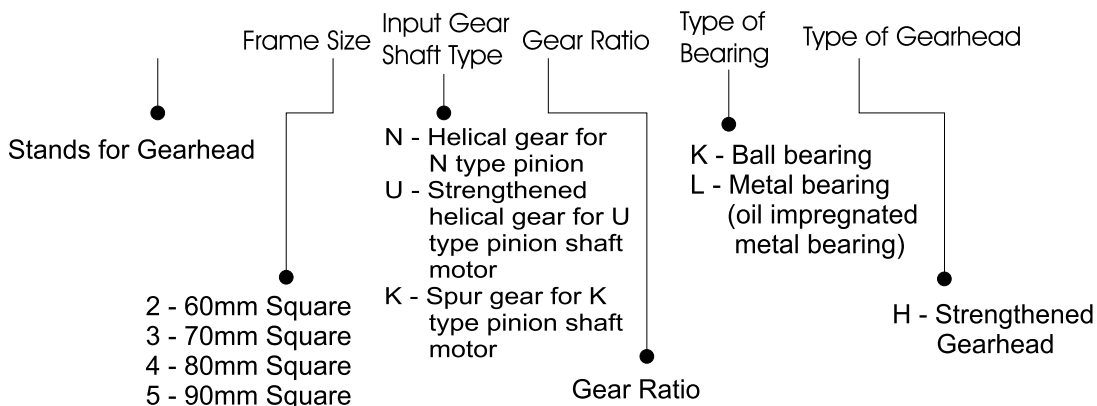
Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Capacitor μF(V)	Applied Gearhead Type		
						Current (A)	Speed (r.p.m)	Torque (kgfcm)				Metal Bearing	Ball Bearing	Decimal Gearhead
M-2IK6N-A	4	6	110	50	CONT.	0.27	1200	0.61	0.42	0.41	2.5(250V)	G-2N□-L	G-2N□-K	G-2N10X-K
				0.25		1550	0.52	0.41	0.41					
M-2IK6N-C	4	6	220	50	CONT.	0.14	1200	0.49	0.21	0.41	0.8(450V)	G-2N□-L	G-2N□-K	G-2N10X-K
				0.13		1550	0.43	0.21	0.41					
M-3IK15N-A	4	15	110	50	CONT.	0.36	1300	1.10	0.63	0.90	4(250V)	G-3N□-L	G-3N□-K	G-3N10X-K
				0.34		1600	0.90	0.59	0.90					
M-3IK15N-C	4	15	220	50	CONT.	0.18	1300	1.10	0.31	0.90	1(450V)	G-3N□-L	G-3N□-K	G-3N10X-K
				0.17		1600	0.90	0.30	0.90					

■ Coding - Gearhead

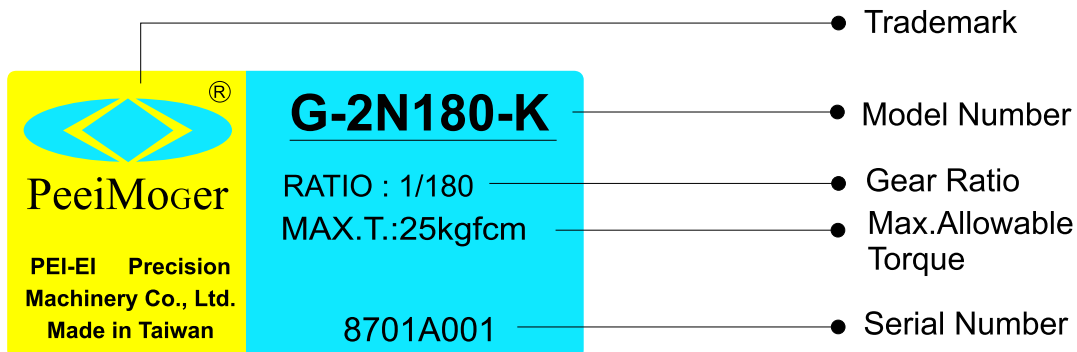
Gear Head Number:

G - 2 N 3 - K H



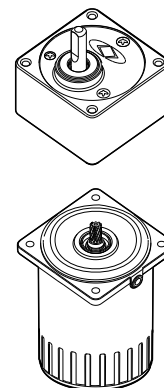
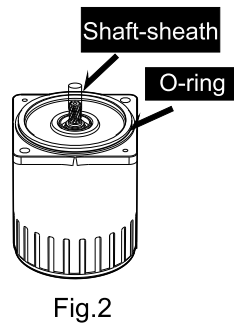
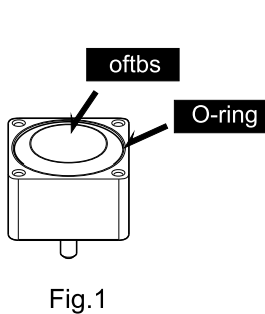
3	3.6	5	6	7.5	9	10	12.5	15	18
20	25	30	36	50	60				
75	90	100	120	150	180				
200	250	300	360	500	600	750	900	1000	
1200	1500	1800	2000						

Rating Label:



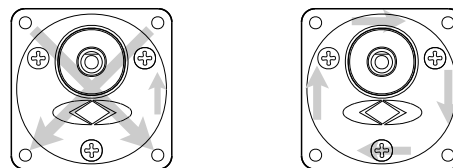
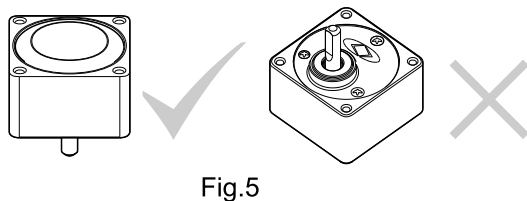
Assembly

- (1) Take off the seal cap and clean the grease on the end of the surface.(Fig.1)
- (2) Take off the O-ring from the seal-cap, and loop it flatly around the flange or motor bracket.(Fig.2)
- (3) Turn the motor upwards and take off the shaft-sheath as Fig.2.
- (4) Please refer to fig .3, proper alignment is necessary when assembling gearhead with motor.
- (5) After assembling, please fasten the 4 exclusive bolts diagonally(Fig.4) Fastening Torque please refer to the following table



Storage

- (1) Keep the output shaft downwards, when storing the gearhead.(Fig.5)
- (2) Reserve the gearhead with O-ring and seal-cap to prevent grease losing from the Gearhead.
- (3) Improper assembly procedure may damage the motor and gearhead, which will cause noise and diminish the lifetime.



Frame size	Bolt size	Fastening Torque(kgfcm)
60mmsq	M4	20 kgfcm
70mmsq	M5	25 kgfcm
80mmsq	M5	25 kgfcm
90mmsq	M6	30 kgfcm

Gearheads

齒輪箱

日製精密NC滾齒機加工、CNC齒型檢驗機，
製作出之機密齒輪。
正比數、低噪音、傳動性佳，
是馬達傳動上的最佳夥伴。



齒輪箱型號

G - 2 N 3 - K H F

機種 框號 入力軸型 速比 軸承型式 齒輪箱型式 附件

↓
小型齒輪箱

2：2號框，60mm正方
3：3號框，70mm正方
4：4號框，80mm正方
5：5號框，90mm正方
6：6號框，104mm正方

N：一般型螺旋齒軸
U：強力型螺旋齒軸
K：正直齒軸

↓
K：滾珠軸承
L：含油軸承

↓
H：高出力型

↓
F：腳座

3	3.6	5	6	7.5	9	10	12.5	15	18
20	25	30	36	50	60				
75	90	100	120	150	180				
200	250	300	360	500	600				
750	900	1000	1200	1500	1800				

齒輪箱

齒輪箱說明・機種編號說明

齒輪箱標籤說明

● 商標

● 產品型號

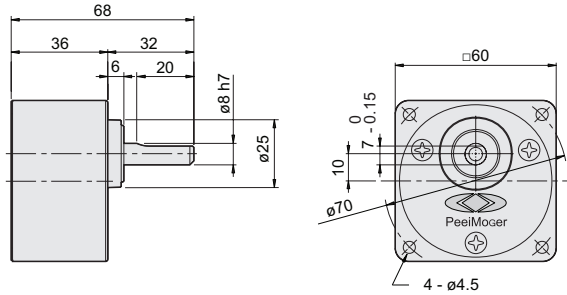
● 減速比

● 最大容許轉矩

● 出廠序號

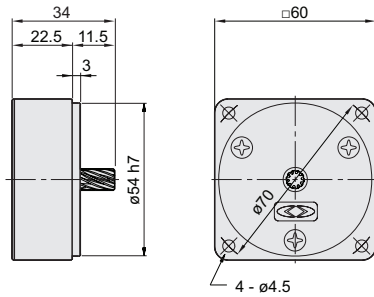
齒輪箱

G-2N□-K L



中間齒輪箱

G-2N10X-K



◎ 齒輪箱重量表 ◎

機 型	重量 (KG)
G-2N3-K~G2N18-K	0.30KG
G-2N20-K~G2N60-K	0.31KG
G-2N75-K~G2N180-K	0.33KG
G-2N10X-L	0.20KG

◎ 齒輪箱最大容許轉矩 ◎

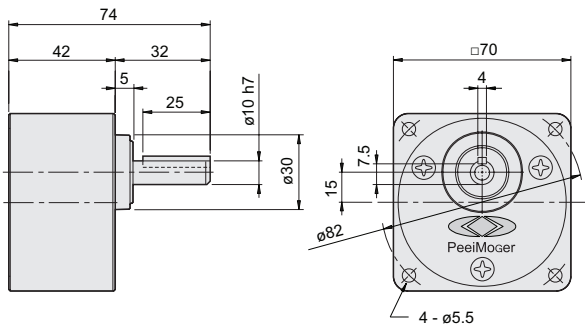
下表中深色欄代表齒輪箱之出力軸與馬達軸同方向，
淺色欄代表齒輪箱之出力軸與馬達軸反方向

型 式	轉速 (rpm)	配合中間齒輪箱																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
		減速比	50Hz	60Hz	最大容許轉矩 (kgfcm)																			
G-2N□-K L	最大容許轉矩 (kgfcm)	1.0	1.6	2.5	2.7	3.4	4.1	5.0	5.4	6.7	8.1	9.7	16	23	25	25	25	25	25	25	25	25	25	25



齒輪箱

G-3N□-K_L



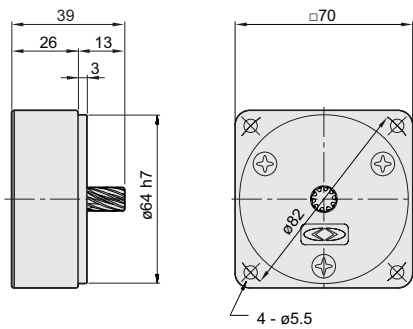
◎ 鍵及鍵槽尺寸 ◎

型 式	A	B	C	D	E
G-3N□-K _L	25	4 ⁰ _{-0.03}	4 ⁰ _{-0.03}	4 ^{+0.06} _{+0.01}	7.5 ⁰ _{-0.15}



中間齒輪箱

G-3N10X-K



◎ 齒輪箱重量表 ◎

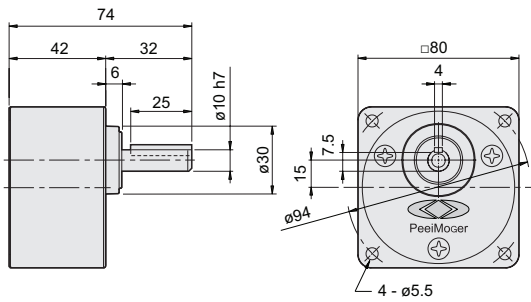
機 型	重量(KG)
G-3N3-K~G3N18-K	0.44KG
G-3N20-K~G3N60-K	0.48KG
G-3N75-K~G3N180-K	0.53KG
G-3N10X-L	0.32KG

◎ 齒輪箱最大容許轉矩 ◎

下表中深色欄代表齒輪箱之出力軸與馬達軸同方向，淺色欄代表齒輪箱之出力軸與馬達軸反方向

型 式	轉速(rpm)	配合中間齒輪箱																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
		減速比	3	5	7.5	—	10	12.5	15	—	20	25	30	50	75	100	150	—	200	250	300	500	750	1000
G-3N□-K _L	60Hz	3.6	6	9	10	—	15	18	20	—	30	36	60	90	120	180	200	—	300	360	600	900	1200	1800
	最大容許轉矩(kgfcm)	2.4	4.0	6.0	6.7	8.2	10	12	13	16	19	23	39	50	50	50	50	50	50	50	50	50	50	50

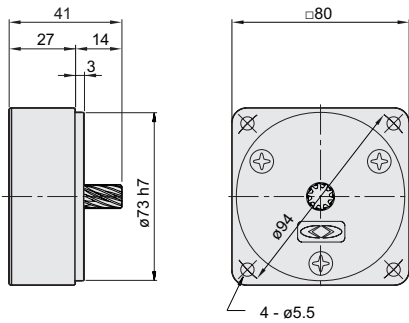
齒輪箱
G-4N□-K
L



◎ 鍵及鍵槽尺寸 ◎

型 式	A	B	C	D	E
G-4N□-K L	25	4 ⁰ _{-0.03}	4 ⁰ _{-0.03}	4 ^{+0.06} _{+0.01}	7.5 ⁰ _{-0.15}

中間齒輪箱
G-4N10X-K



◎ 齒輪箱重量表 ◎

機 型	重量 (KG)
G-4N3-K~G4N18-K	0.60KG
G-4N20-K~G4N60-K	0.65KG
G-4N75-K~G4N180-K	0.71KG
G-4N10X-L	0.41KG

◎ 齒輪箱最大容許轉矩 ◎

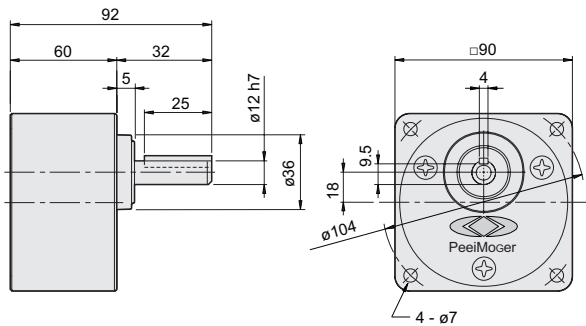
下表中深色欄代表齒輪箱之出力軸與馬達軸同方向，淺色欄代表齒輪箱之出力軸與馬達軸反方向

型 式	轉速 (rpm)	配合中間齒輪箱																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
		減速比	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
G-4N□-K L	最大容許轉矩 (kgfcm)	4.0	6.7	10	11	13	16	20	21	26	32	39	65	80	80	80	80	80	80	80	80	80	80	80



齒輪箱

G-5N□-K_L



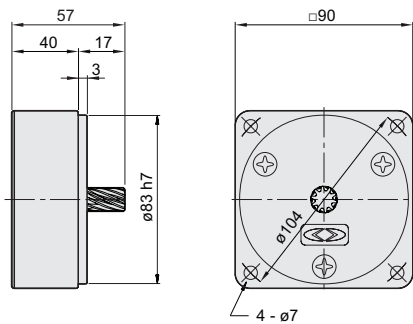
◎ 鍵及鍵槽尺寸 ◎

型 式	A	B	C	D	E
G-5N□-K _L	25	4 ⁰ _{-0.03}	4 ⁰ _{-0.03}	4 ^{+0.06} _{+0.01}	9.5 ⁰ _{-0.15}



中間齒輪箱

G-5N10X-K



◎ 齒輪箱重量表 ◎

機 型	重量(KG)
G-5N3-K~G5N18-K	1.02KG
G-5N20-K~G5N60-K	1.11KG
G-5N75-K~G5N180-K	1.22KG
G-5N10X-K	0.65KG

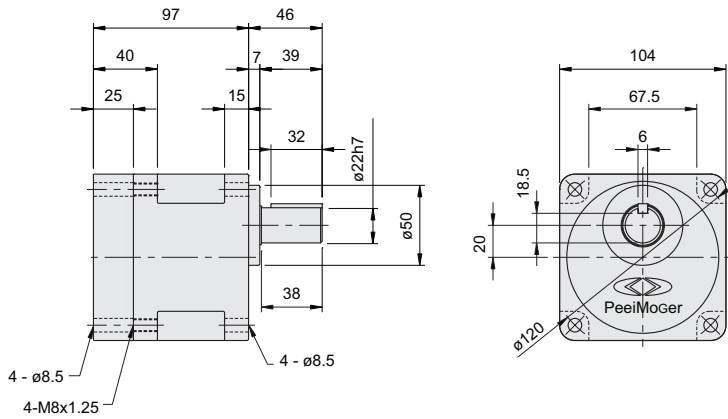
◎ 齒輪箱最大容許轉矩 ◎

下表中深色欄代表齒輪箱之出力軸與馬達軸同方向，淺色欄代表齒輪箱之出力軸與馬達軸反方向

型 式	轉速(rpm)	配合中間齒輪箱																						
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1
		減速比	3	5	7.5	—	10	12.5	15	—	20	25	30	50	75	100	150	—	200	250	300	500	750	1000
G-5N□-K _L	60Hz	3.6	6	9	10	—	15	18	20	—	30	36	60	90	120	180	200	—	300	360	600	900	1200	1800
	最大容許轉矩(kgfcm)	6.7	11	16	18	23	28	33	36	45	54	65	100	100	100	100	100	100	100	100	100	100	100	100

齒輪箱

G-6U□-KH



鍵及鍵槽尺寸

型 式	A	B	C	D	E
G-6U□-KH	32	6 ⁰ _{-0.03}	6 ⁰ _{-0.03}	6 ^{+0.05} ₊₀	18.5 ⁰ _{-0.15}

齒輪箱重量表

機 型	重量 (KG)
G-6U3-KH~G6U9-KH	2.35KG
G-6U12.5-KH~G6U50-KH	2.50KG
G-6U60-KH~G6U180-KH	2.63KG

齒輪箱最大容許轉矩

下表中深色欄代表齒輪箱之出力軸與馬達軸同方向，淺色欄代表齒輪箱之出力軸與馬達軸反方向

型 式	轉速(rpm)	減速比											
		50Hz	3	5	7.5	12.5	15	25	30	50	75	100	150
G-6U□-KH	最大容許轉矩 (kgfcm)	32	53	79	118	142	237	284	426	600	600	600	600

6

· 齒輪箱 ·

框號 6



Hollow Worm Gear Reducer

中空型蝸輪減速機

結構小型輕量化，有優越的保護等級與安全性確保，
安裝方式選擇多元化，是機械傳動最好的選擇。



中空型蝸輪減速機型號

GH-030N7.5-K

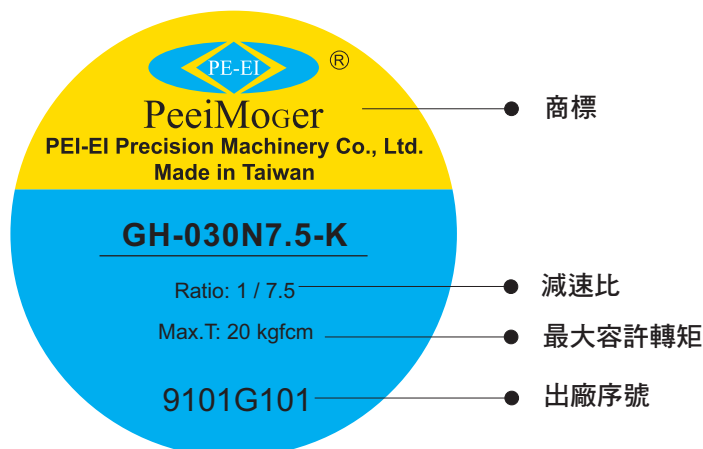
機種	框號	入力型式	速比	註記
↓	↓	↓	↓	↓
中空型蝸輪減速機		N：孔型入力 U：軸型入力		K：標準型
	025：減速機中心距25mm 030：減速機中心距30mm 040：減速機中心距40mm 050：減速機中心距50mm			

025	5	7.5	10	15	20	30	40	50	60				
030	5	7.5	10	15	20	25	30	40	50	60	80		
040	5	7.5	10	15	20	25	30	40	50	60	80	100	
050	5	7.5	10	15	20	25	30	40	50	60	80	100	

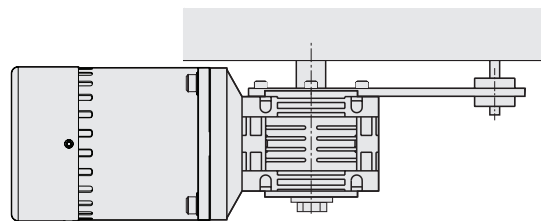
· 中空型蝸輪減速機 ·

中空型蝸輪減速機說明 · 機種編號說明

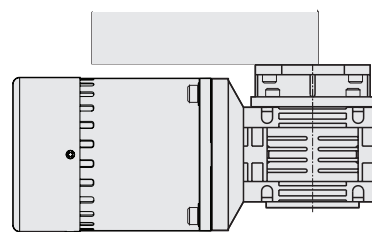
中空型蝸輪減速機標籤說明



固定架安裝例

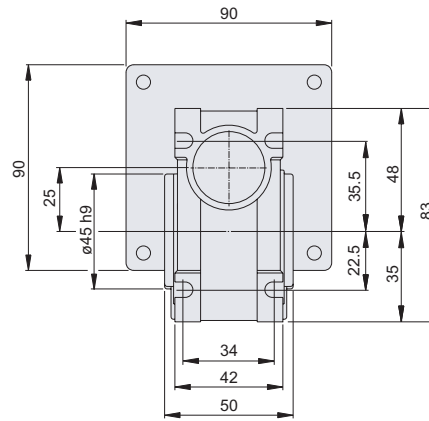
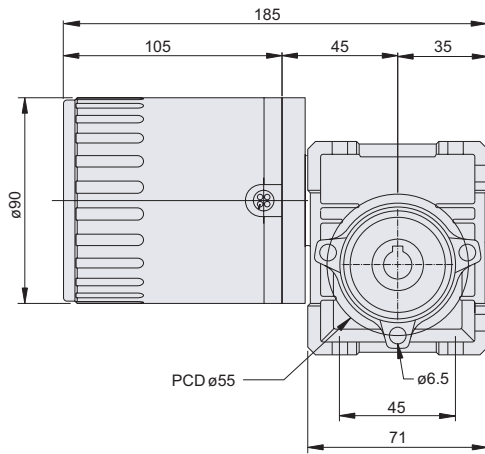


出力法蘭安裝例



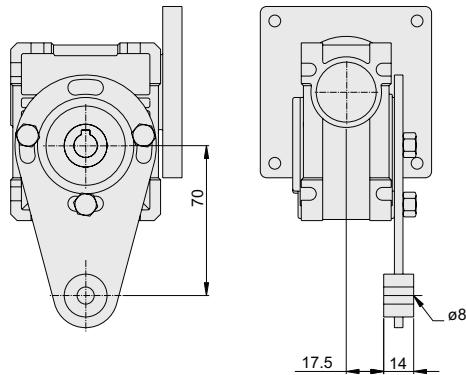
三相感應馬達附中空型蝸輪減速機

GH-025N□-K

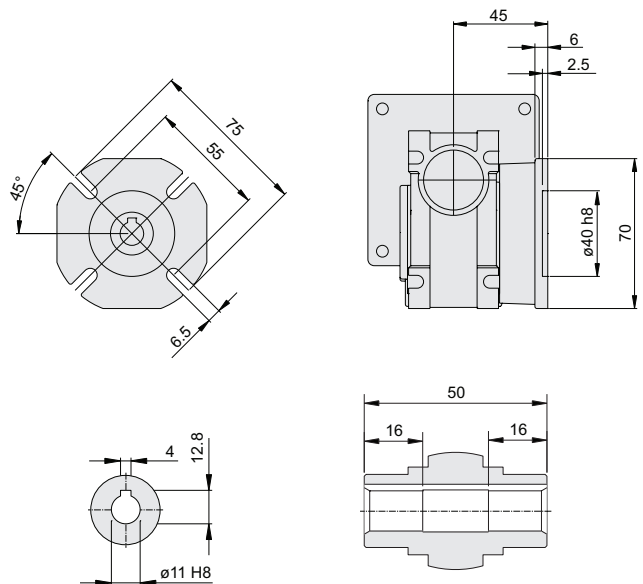


重量：不含馬達 0.7kg 含馬達 3.15kg

扭力臂安裝例



出力法蘭及中空軸鍵槽尺寸



中空型蝸輪減速機規格表

中空型 蝸輪減速機	頻率 (Hz)	馬達 扭力	速比與最大輸出轉矩 (50HZ/60HZ kgfcm)												配合馬達
			5	7.5	10	15	20	25	30	40	50	60	80	100	
GH-025N□-K	50	3.1	13.3	19.5	25.4	36.3	45.9	-	61.4	75.6	88.4	100.4	-	-	40W-感應馬達
	60	2.4	10.3	15.1	19.7	28.1	35.5	-	47.5	58.6	68.4	77.8	-	-	

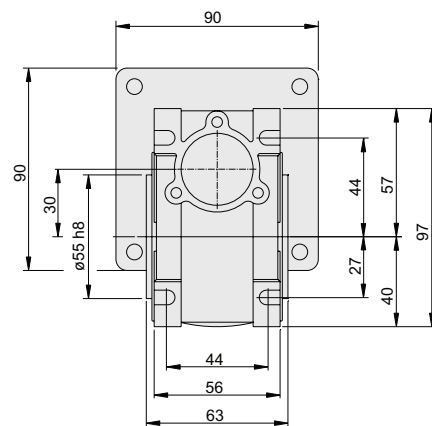
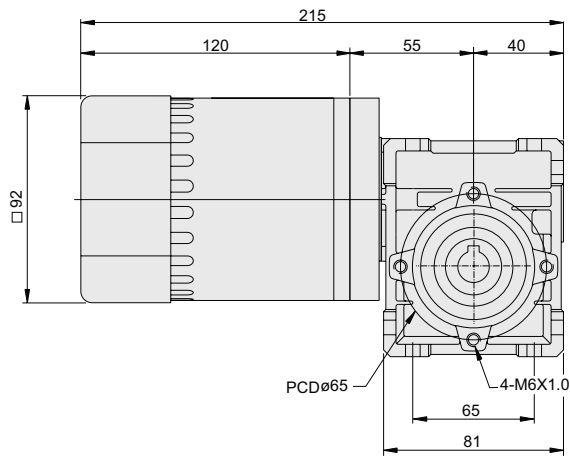
• 框號

30

60W

三相感應馬達附中空型蝸輪減速機

GH-030N□-K

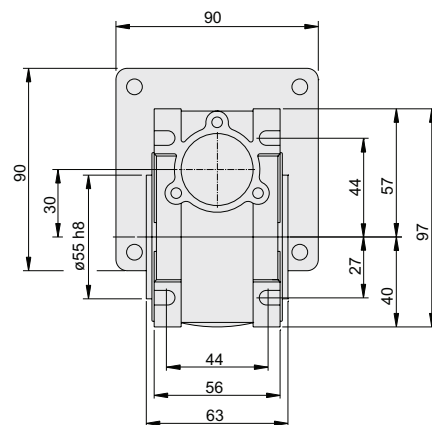
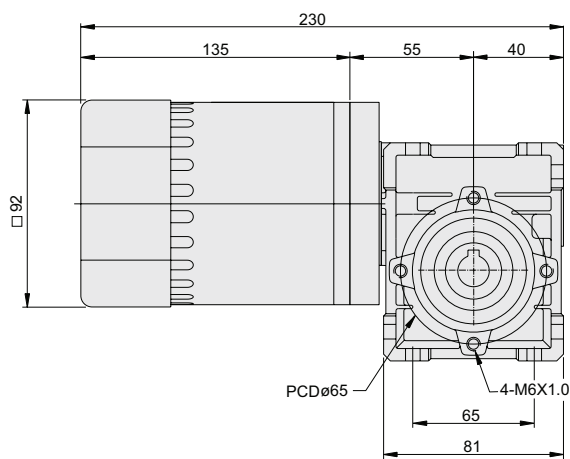


重量：不含馬達 1.2kg 含馬達 3.8kg

90W

三相感應馬達附中空型蝸輪減速機

GH-030N□-K

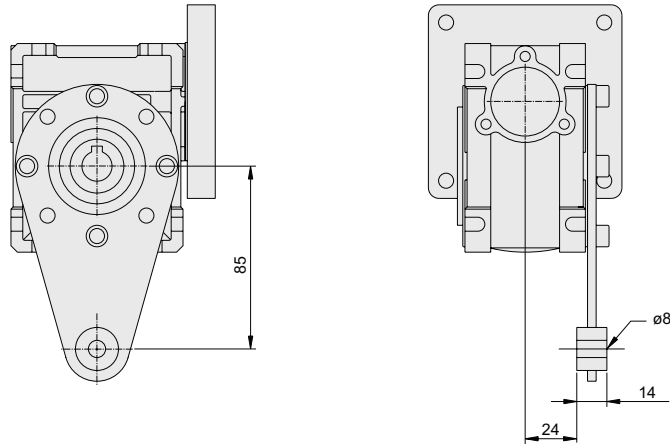


重量：不含馬達 1.2kg 含馬達 5.5kg

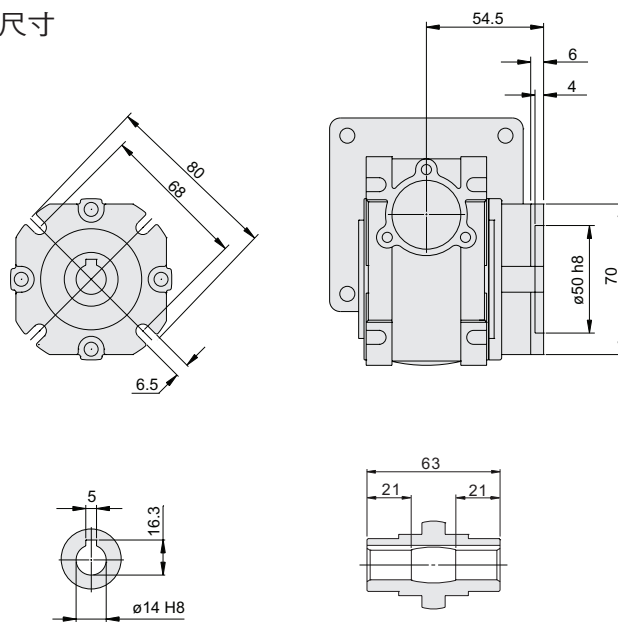
中空型蝸輪減速機

框號 30

扭力臂安裝例



出力法蘭及中空軸鍵槽尺寸



◎ 中空型蝸輪減速機規格表 ◎

中空型 蝸輪減速機	頻率 (Hz)	馬達 扭力	速比與最大輸出轉矩 (50HZ/60HZ kgfcm)												配合馬達
			5	7.5	10	15	20	25	30	40	50	60	80	100	
GH-030N□-K	50	4.6	19.8	29.0	37.3	52.4	66.2	77.1	88.3	106.7	124.2	138.0	161.9	—	60W-感應馬達
	60	3.5	15.1	22.1	28.4	39.9	50.4	58.6	67.2	81.2	94.5	105.0	123.2	—	
GH-030N□-K	50	6.9	29.7	43.5	55.9	78.7	99.4	115.6	132.5	160.1	186.3	207.0	242.9	—	90W-感應馬達
	60	5.3	22.8	33.4	42.9	60.4	76.3	88.8	101.8	123.0	143.1	159.0	186.6	—	

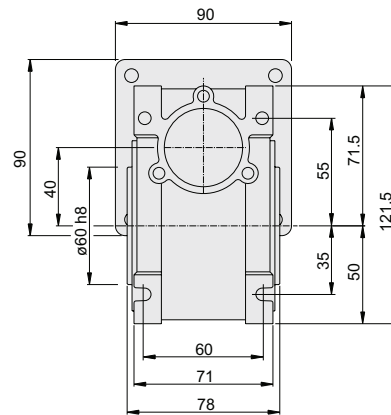
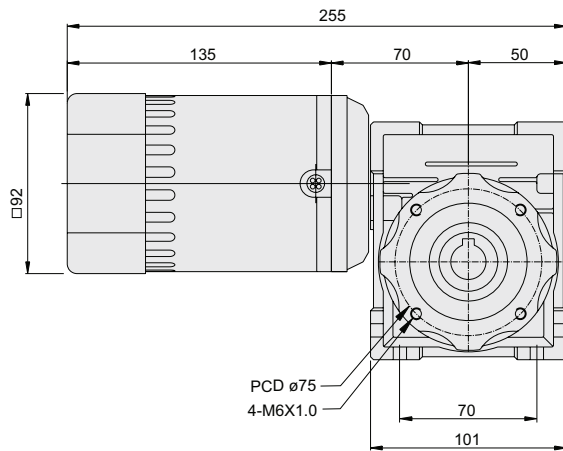
• 框號

40

120W

三相感應馬達附中空型蝸輪減速機

GH-040N□-K



重量：不含馬達 2.3kg 含馬達 5.5kg

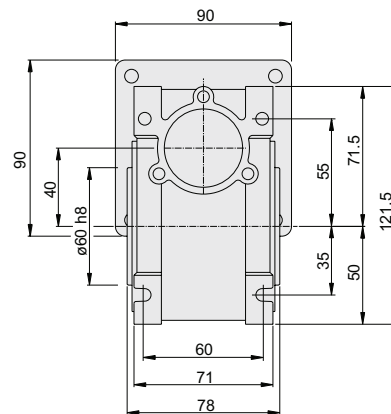
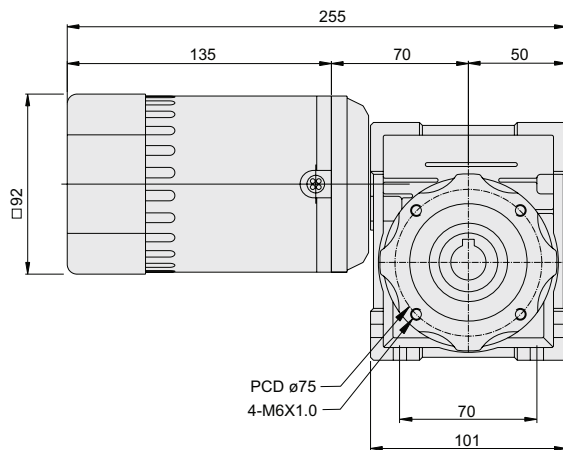
• 中空型蝸輪減速機 •

框號 40

150W

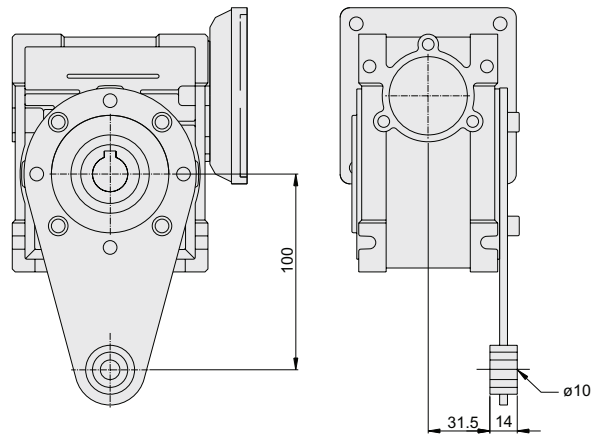
三相感應馬達附中空型蝸輪減速機

GH-040N□-K

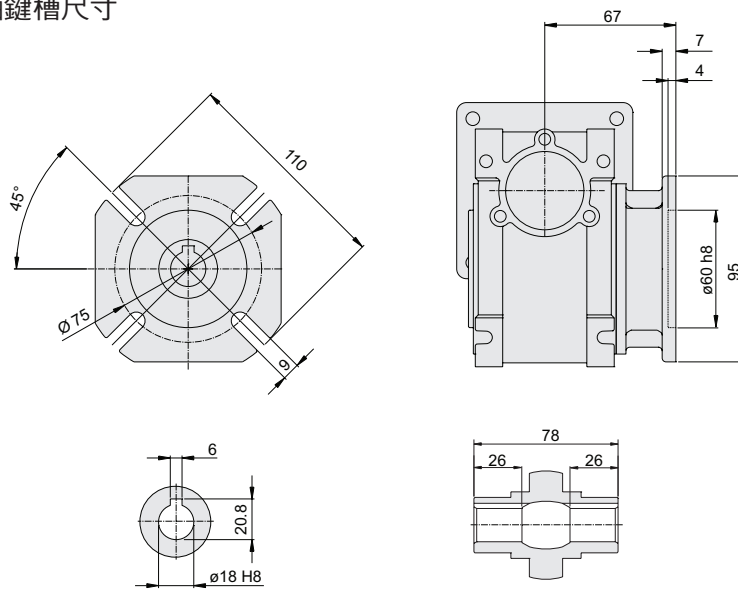


重量：不含馬達 2.3kg 含馬達 5.5kg

扭力臂安裝例



出力法蘭及中空軸鍵槽尺寸

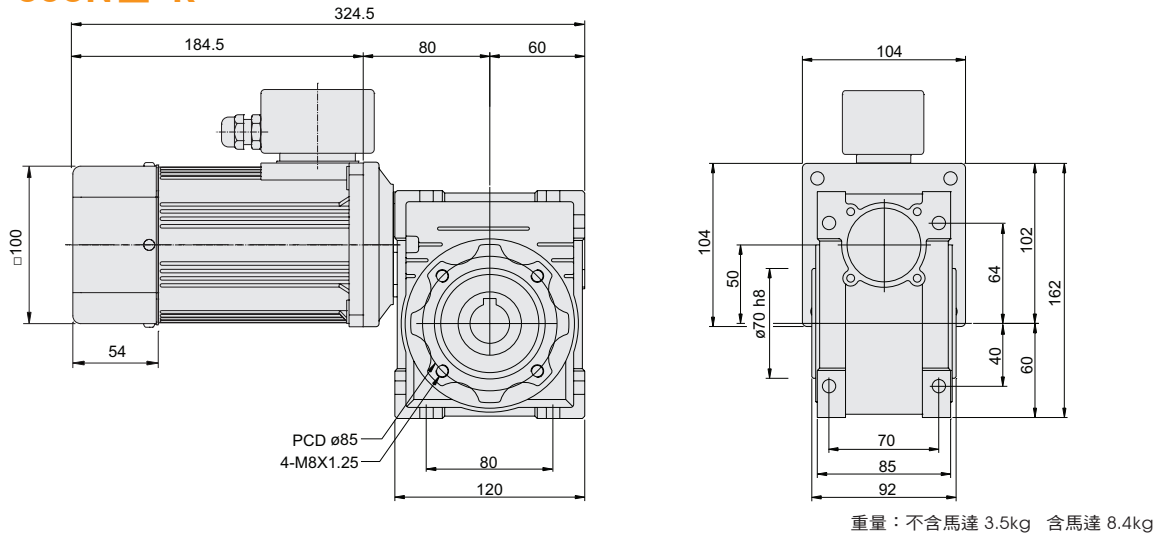


◎ 中空型蝸輪減速機規格表 ◎

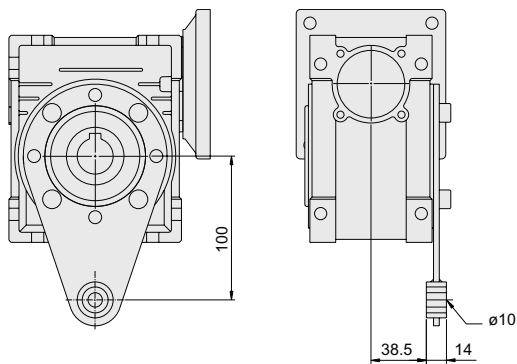
中空型 蝸輪減速機	頻率 (Hz)	馬達 扭力	速比與最大輸出轉矩 (50HZ/60HZ kgfcm)											配合馬達	
			5	7.5	10	15	20	25	30	40	50	60	80		100
GH-040N□-K	50	8.7	38.3	56.1	74.0	105.7	134.0	161.0	180.1	222.7	265.4	297.5	355.0	408.9	120W-感應馬達
	60	7.1	31.2	45.8	60.4	86.3	109.3	131.4	147.0	181.8	216.6	242.8	289.7	333.7	
GH-040N□-K	50	10.8	47.5	69.7	91.8	131.2	166.3	199.8	223.6	276.5	329.4	369.4	440.6	507.6	150W-感應馬達
	60	8.7	40.9	60.0	79.1	113.0	143.2	172.1	192.5	238.1	283.7	318.1	379.4	437.1	

☞ 三相感應馬達附中空型蝸輪減速機

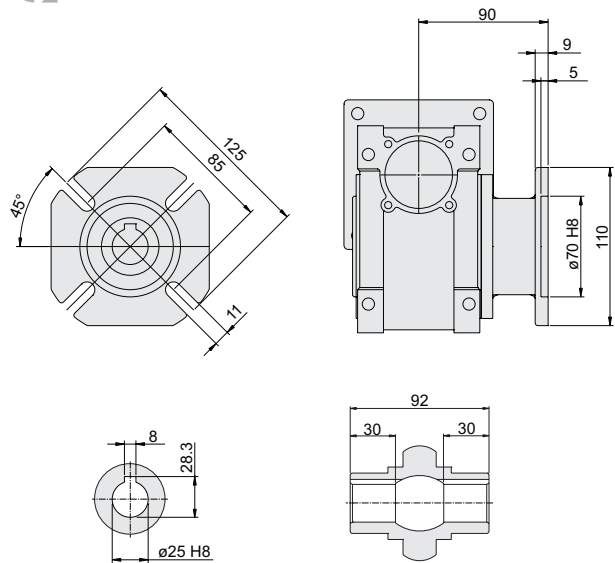
GH-050N□-K



☞ 扭力臂安裝例



☞ 出力法蘭及中空軸鍵槽尺寸



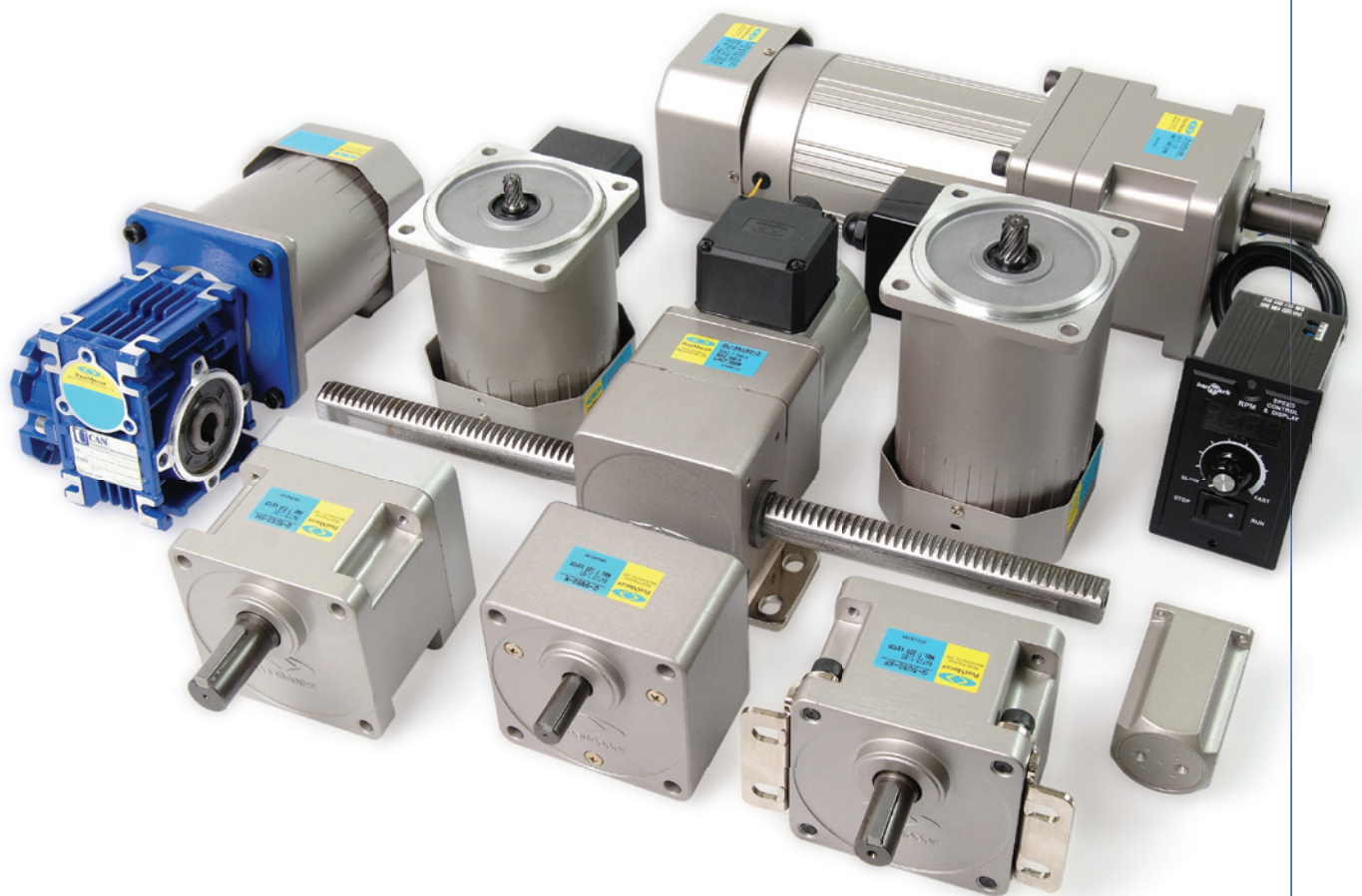
◎ 中空型蝸輪減速機規格表 ◎

中空型 蝸輪減速機	頻率 (Hz)	馬達 扭力	速比與最大輸出轉矩 (50HZ/60HZ kgfcm)											配合馬達	
			5	7.5	10	15	20	25	30	40	50	60	80		100
GH-050N□-K	50	16.3	70.9	105.1	136.9	195.6	251.0	301.5	342.3	423.8	497.1	557.4	665.0	798.7	200W-感應馬達
	60	12.2	53.0	78.6	102.4	146.4	187.8	225.7	256.2	317.2	372.1	417.2	497.7	597.8	

Linear Gear Motor

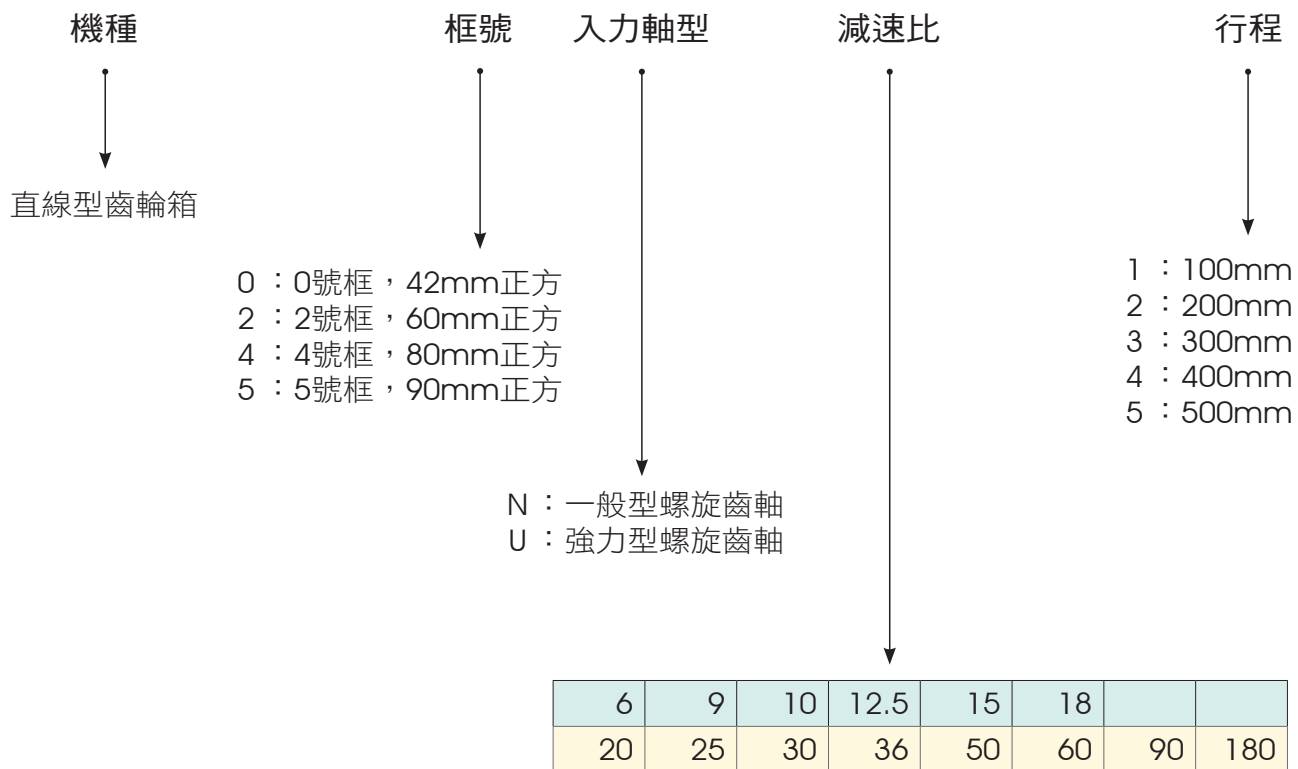
直線型減速機

可依客戶速度形成需求配置，傳動效率高，
可垂直及左右移動。



直線型減速機型號

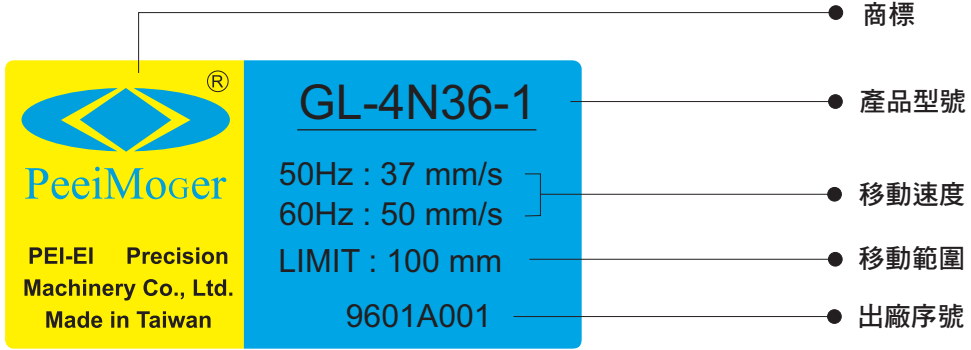
GL - 4N 36 - 1



· 直線型減速機 ·

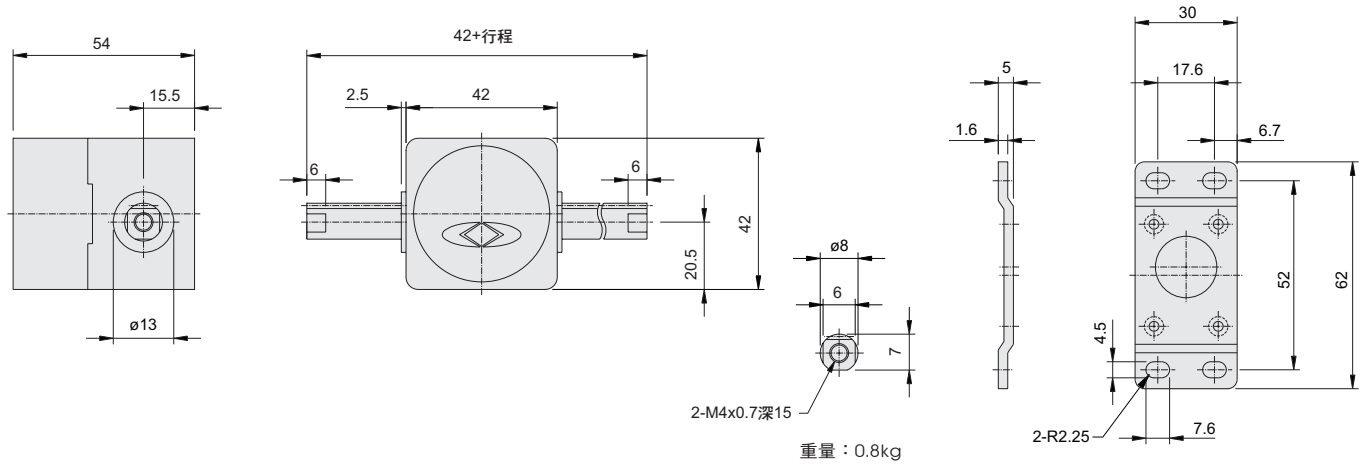
直線減速機說明 · 機種編號說明

直線型減速機標籤說明



直線型齒箱

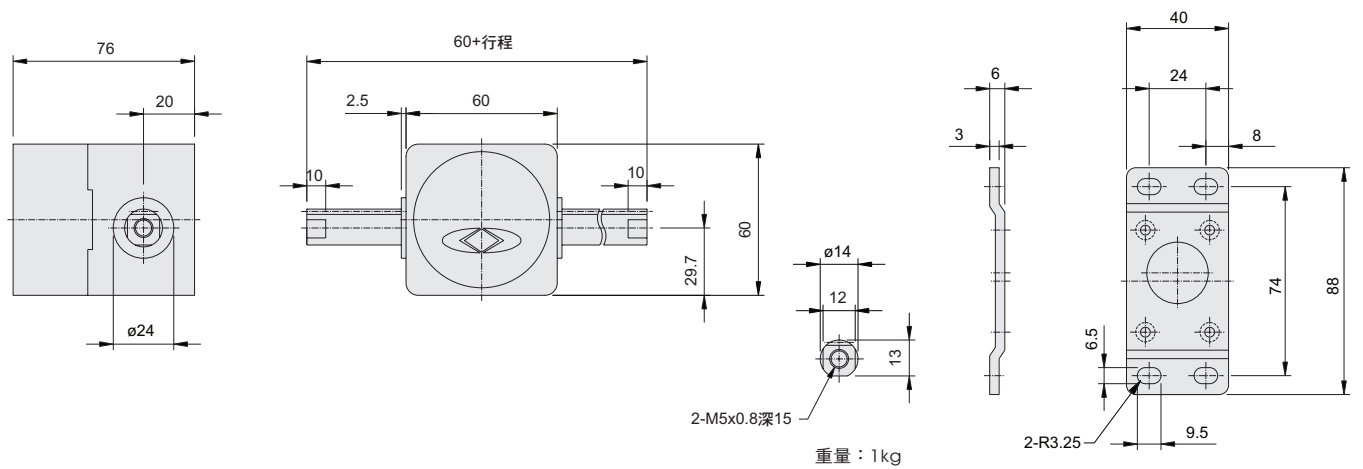
GL- 0N□-□



減速比		6	9	12.5	15	18	25	30	36	50	60	90
移動速度 (mm/s)	220V 50Hz	104.5	70	50	42	35	25	21	17.5	12.5	10.5	7
	220V 60Hz	131	87	63	52.5	43.5	31.5	26	22	15.5	13	9
最大可搬重量 (kg)		0.7	1	1.5	1.8	1.8	3.2	5.6	5.6	7.6	7.6	9

直線型齒箱

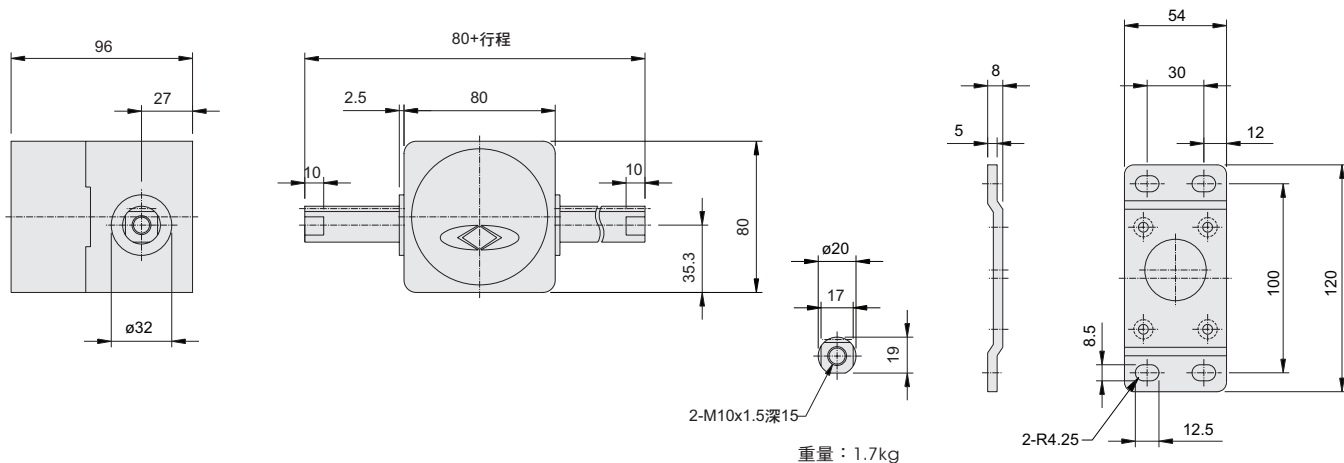
GL- 2N□-□



減速比		6	9	10	12.5	15	18	20	25	30	36	50	60	90	180
移動速度 (mm/s)	220V 50Hz	84	56	50	40	33.5	28	25	20	16.5	14	10	8.7	5.5	3
	220V 60Hz	105	70	63	50	42	35	31.5	25	21	17.5	12.5	10.5	7	3.5
最大可搬重量 (kg)		3.5	5.4	7.4	8.9	10.8	10.8	14.5	17.5	21	21	34.7	34.7	50	54

直線型齒箱

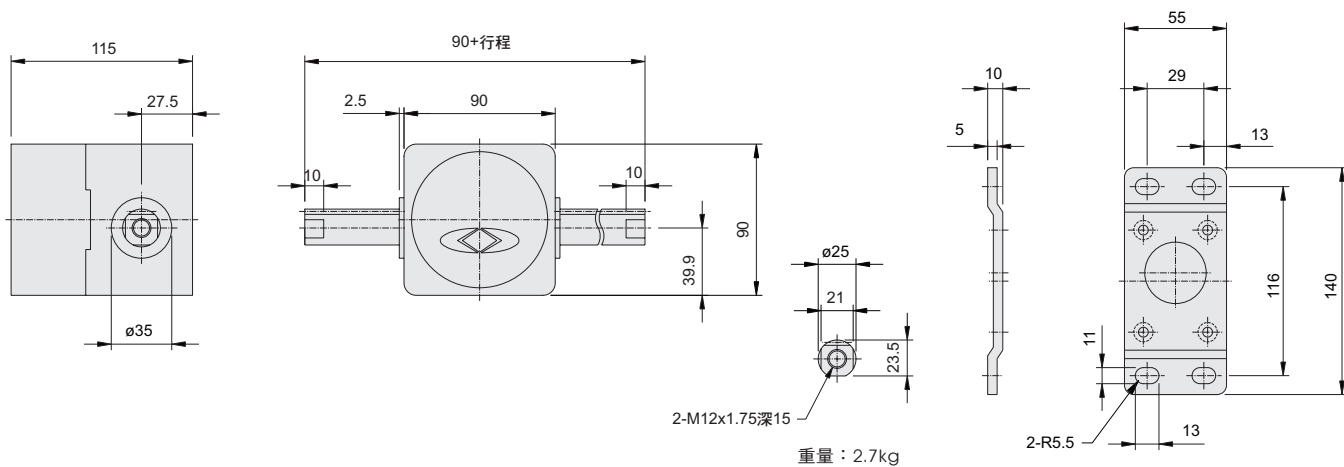
GL- 4N□-□



減速比		6	9	10	12.5	15	18	20	25	30	36	50	60	90	180
移動速度 (mm/s)	220V 50Hz	222	148	133	107	89	74	67	53.5	44.5	37	26.5	22	15	7.5
	220V 60Hz	278	185	167	133	111	93.5	83.5	66.5	55.5	46	33.5	28	18.5	9
最大可搬重量 (kg)		5.6	8.4	10.8	13.4	16.7	16.9	21.7	26.7	32.5	32.5	54	54	66.8	66.8

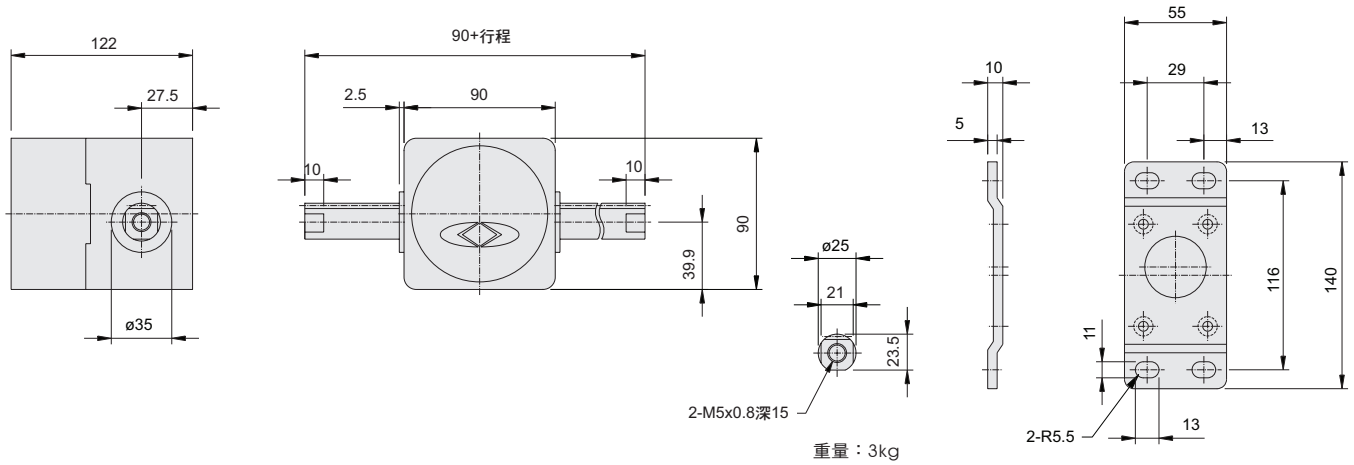
直線型齒箱

GL- 5N□-□



減速比		6	9	10	12.5	15	18	20	25	30	36	50	60	90	180
移動速度 (mm/s)	220V 50Hz	251.5	167.5	151	120.5	100.5	84	75.5	60.5	50	42	30	25	16.5	8.5
	220V 60Hz	314	209.5	188.5	151	125.5	104.5	94	75.5	63	52.5	37.5	31.5	21	10.5
最大可搬重量 (kg)		8.21	11.9	17.1	20.9	24.6	24.6	33.6	40.3	48.5	48.5	74.6	74.6	74.6	74.6

直線型齒箱
GL- 5U□-□



減速比		6	9	10	12.5	15	18	20	25	30	36	50	60	90	180
移動速度 (mm/s)	220V 50Hz	251.5	167.5	151	120.5	100.5	84	75.5	60.5	50	42	30	25	16.5	8.5
	220V 60Hz	314	209.5	188.5	151	125.5	104.5	94	75.5	63	52.5	37.5	31.5	21	10.5
最大可搬重量 (kg)		11.9	17.9	23.9	29.8	35.8	35.8	57.5	57.5	69.4	69.4	115.7	115.7	115.7	115.7

