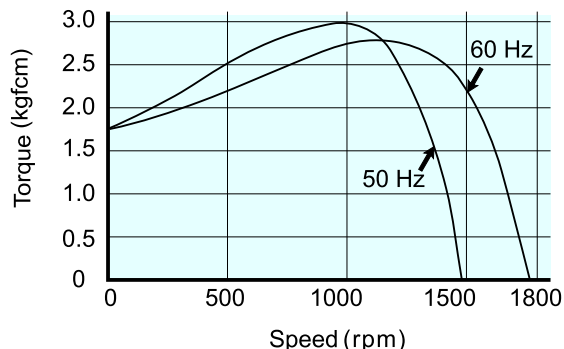
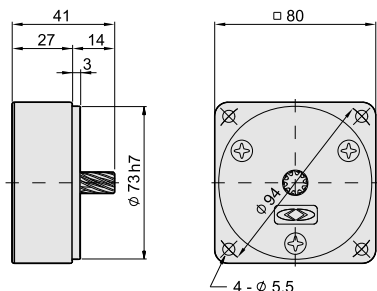


Decimal Gear Head

G-4N10X-K

Speed - Torque Curve

M-4RK25N-AS

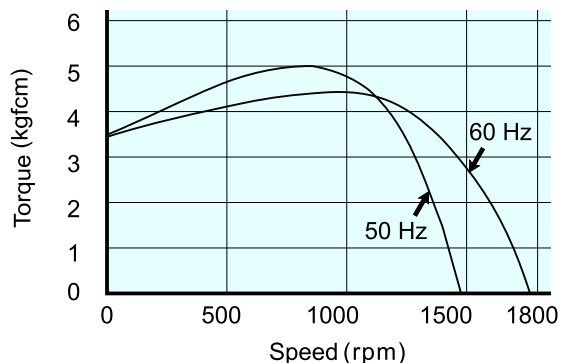
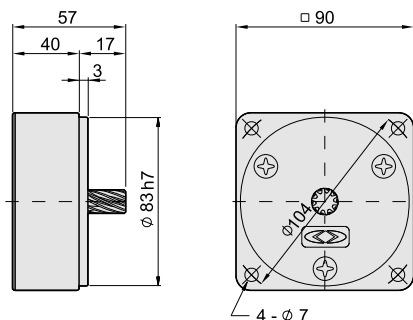


Decimal Gear Head

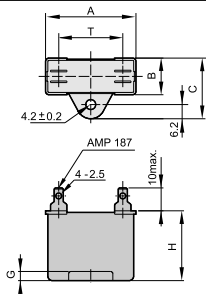
G-5N10X-K

Speed - Torque Curve

M-5RK40N-AS

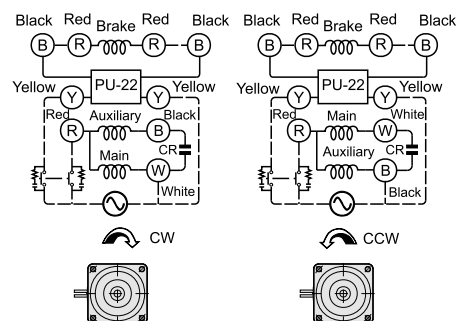


Dimensions and Specifications - Capacitor



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.

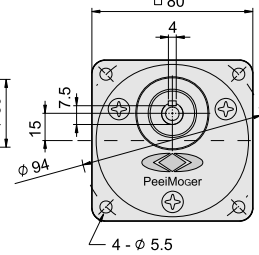
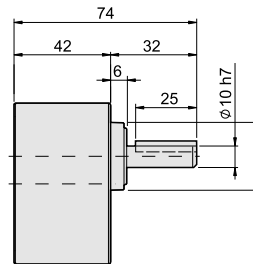
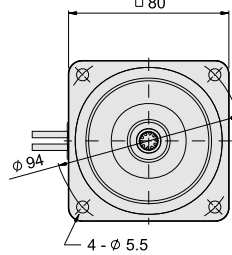
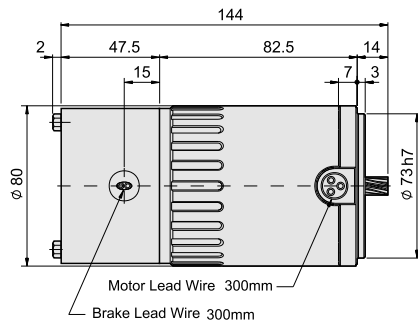
Model	Speed (rpm)	With Decimal Gearhead																										
		500	300	200	180	150	120	100	90	75	60	50	30	20	15	10	9	7.5	6	5	3	2	1.5	1				
	Gear Ratio	3	5	7.5	10	10	12.5	15	20	25	30	50	60	75	90	100	120	150	180	200	200	250	300	360	500	750	1000	1500
G-4N□-K L	Max.Allowable Torque (kgfcm)	4.0	6.7	10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

Single Phase Electro-magnetic Brake Motor

Frame **4** Motor
M-4RK25N-□ S

Output **25W**

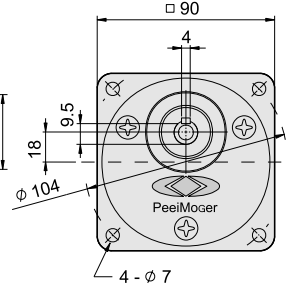
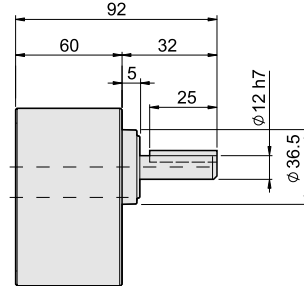
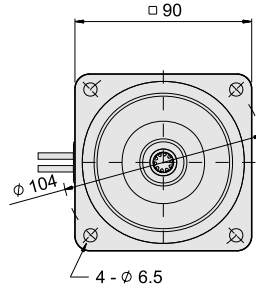
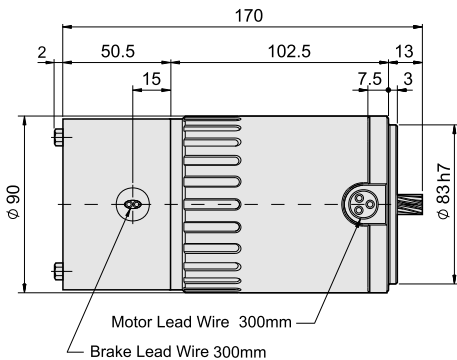
Gear Head
G-4N□- $\begin{matrix} K \\ L \end{matrix}$



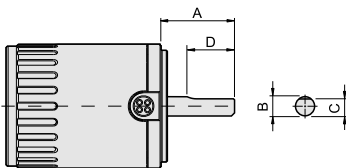
Frame **5** Motor
M-5RK40N-□ S

Output **40W**

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

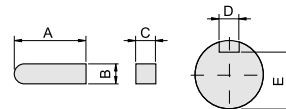


Dimensions - Motor, Round Shaft



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

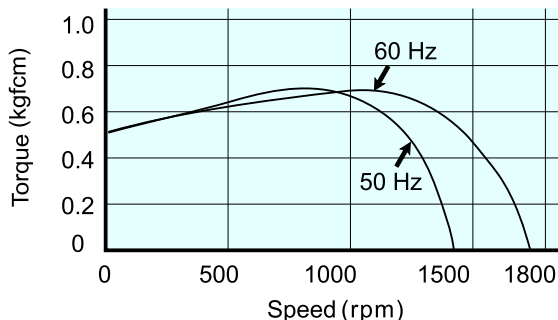
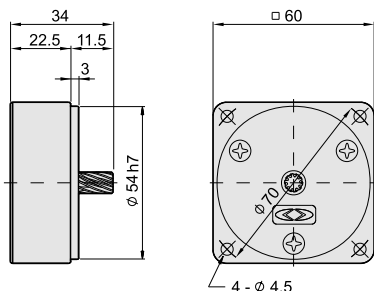
Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load			Starting Current (A)	Starting Torque (kgfcm)	Brake Input (W)	Brake Current (A)	Brake Torque (kgfcm)	Capacitor uF(V)	Applied Gearhead Type		
						Current (A)	Speed (r p m)	Torque (kgfcm)							Metal Bearing	Ball Bearing	Decimal Gearhead
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							

Decimal Gear Head

G-2N10X-K

Speed - Torque Curve

M-2RK6N-AS

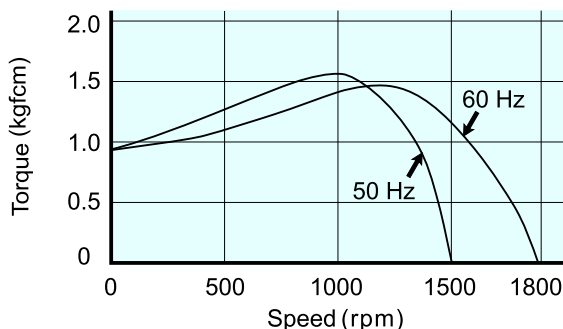
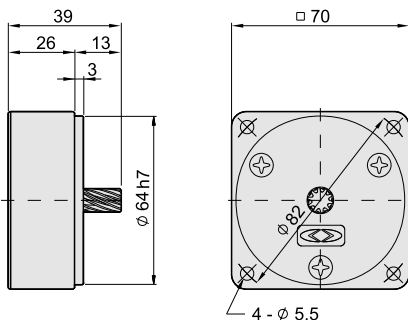


Decimal Gear Head

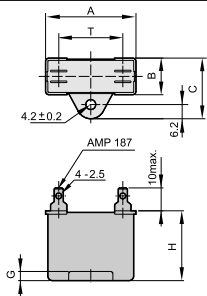
G-3N10X-K

Speed - Torque Curve

M-3RK15N-AS

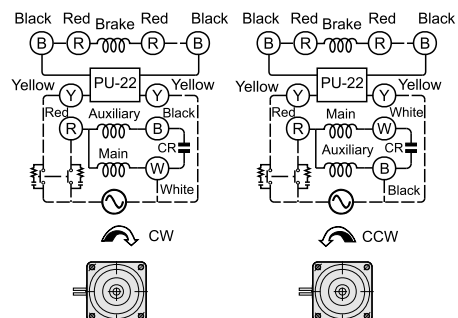


■ Dimensions and Specifications - Capacitor



Capacitor μF(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.

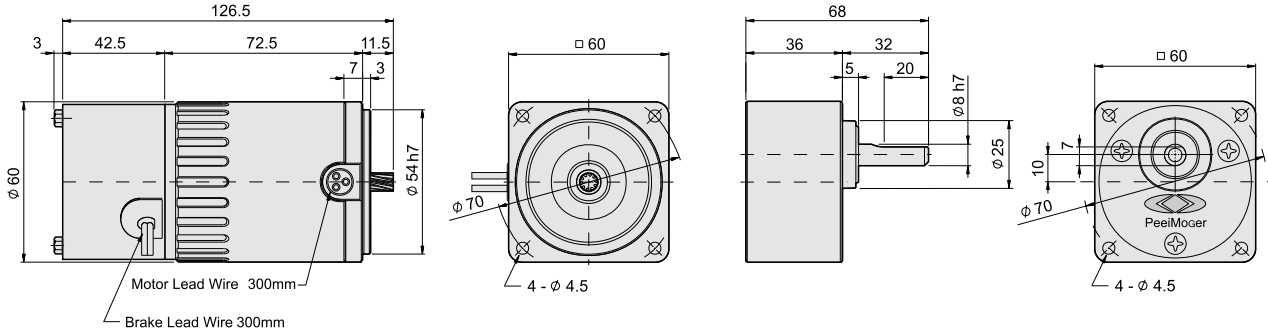
Model	Speed (rpm)	Gear Ratio	With Decimal Gearhead																															
			50Hz	60Hz	3	5	7.5	10	12.5	15	18	20	25	30	36	50	60	75	90	100	120	150	180	200	250	300	360	500	600	750	900	1000	1200	1500
G-2N□-K L	Max.Allowable Torque (kgfcm)		1.0	1.6	2.5	2.7	3.4	4.1	5.0	5.4	6.7	8.1	9.7	16	23	25	25	25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

Single Phase Electro-magnetic Brake Motor

Frame **2** Motor
M-2RK6N-□ S

Output **6W**

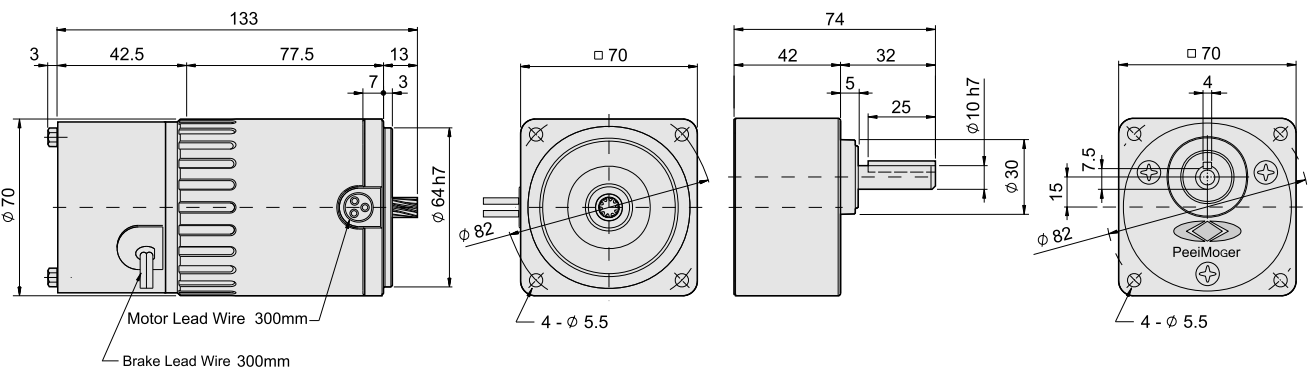
Gear Head
G-2N□-^K_L



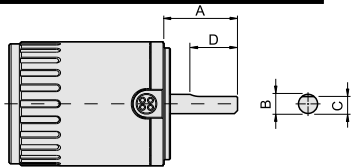
Frame **3** Motor
M-3RK15N-□ S

Output **15W**

Gear Head
G-3N□-^K_L

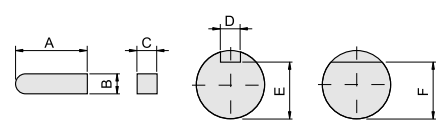


Dimensions - Motor, Round Shaft



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



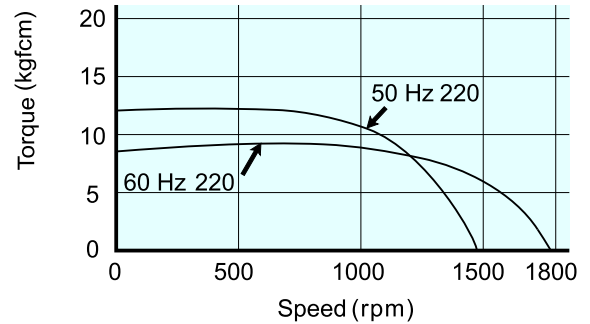
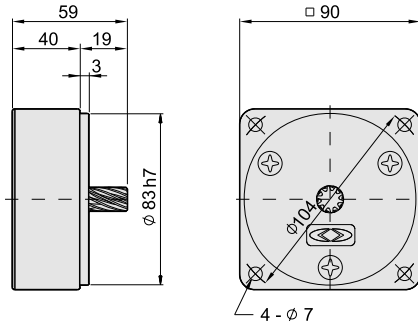
Model	A	B	C	D	E	F
G-2N□- ^K _L	-	-	-	-	-	7 ⁰ _{-0.15}
G-3N□- ^K _L	25	4 ⁰ _{-0.030}	4 ⁰ _{-0.030}	4 ^{+0.060} _{+0.010}	7.5 ⁰ _{-0.15}	-

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								

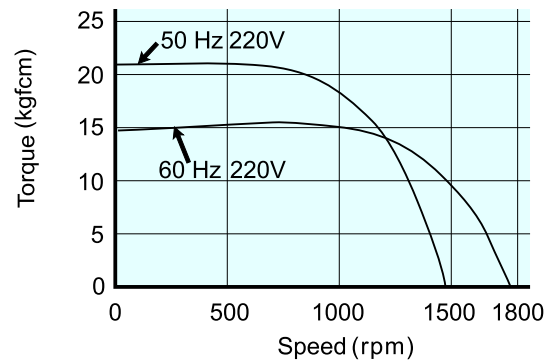
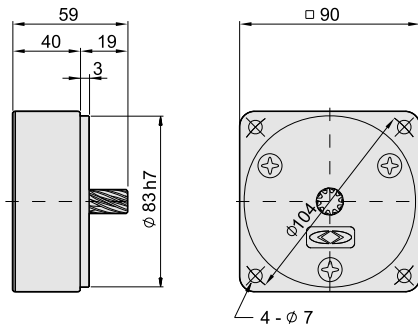
Decimal Gear Head
G-5U10X-K

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

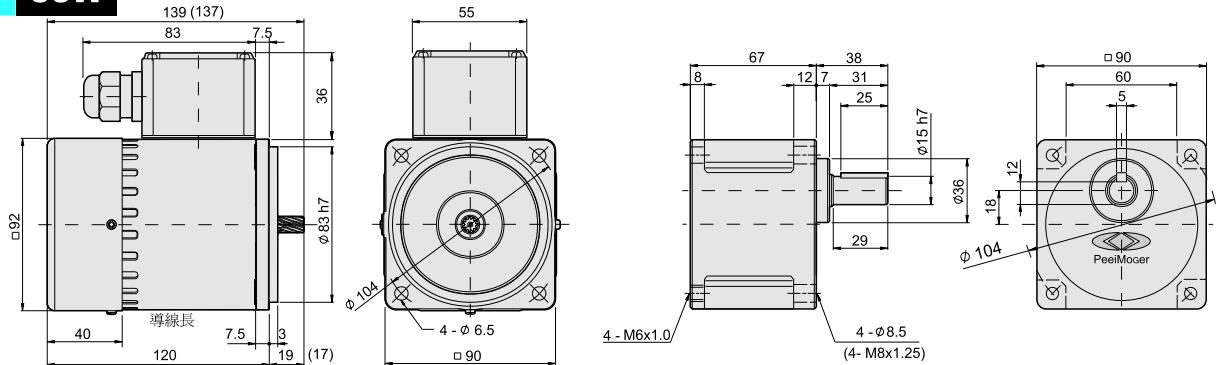
Dark area: the rotating direction of motor shaft rotates in the same direction as the shaft of gearhead.
Shallow area the rotating direction of motor shaft is opposite to the direction of the shaft of gearhead.

Model	Speed (rpm)	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				
	Gear Ratio	3	5	7.5	-	10	12.5	15	18	-	20	25	30	36	60	75	90	120	150	180	200	250	300	360	500	750	1000	1500
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

Three Phase Induction Motor With Terminal Box

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

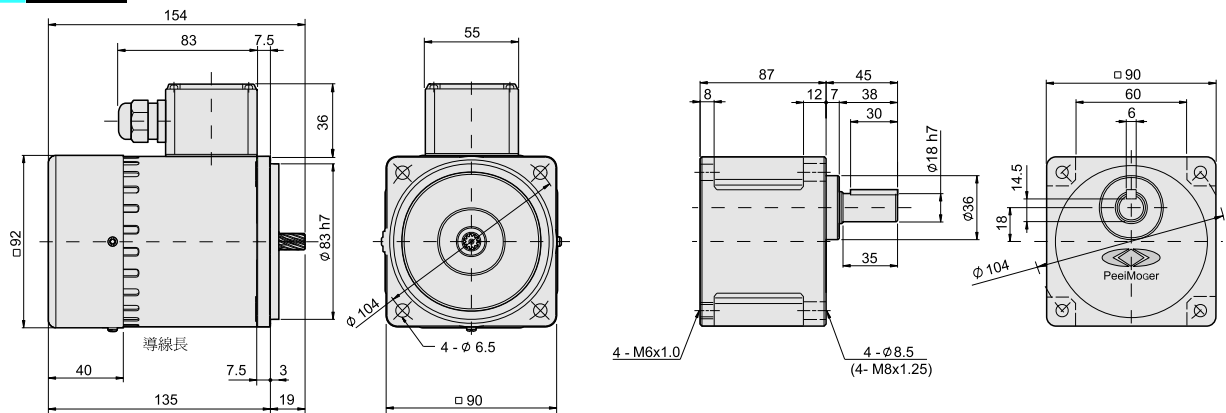
Gear Head
G-5U□-K



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

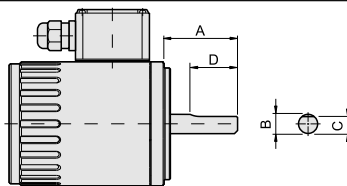
Frame **5** Motor
M-5IK90U-□□T
Output **90W**

Gear Head
G-5U□-KH (Developing)

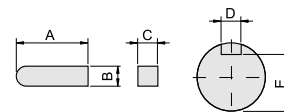


Specifications - Motor, Round Shaft

Dimensions - Key & Keyway



Model	A	B	C	D
M-5IK60A-□□T	37	$\phi 12 h7$	$11 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$	30
M-5IK90A-□□T	37	$\phi 12 h7$	$11 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$	30



Model	A	B	C	D	E
G-5U□-K	25	$5 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	$5 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	$5 \begin{smallmatrix} +0.05 \\ 0 \end{smallmatrix}$	$12 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$
G-5U□-KH	30	$6 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	$6 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	$6 \begin{smallmatrix} +0.05 \\ 0 \end{smallmatrix}$	$14.5 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$

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