

Single Phase Reversible Motor

Frame

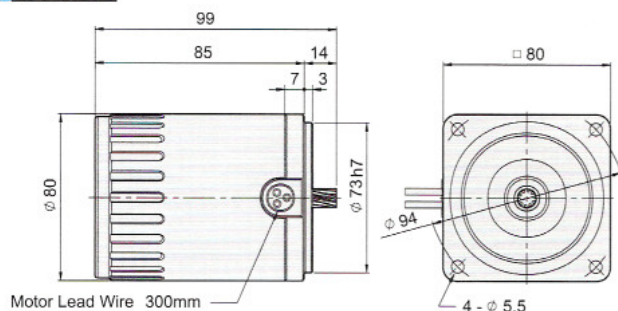
4

Motor

M-4RK25N-□□

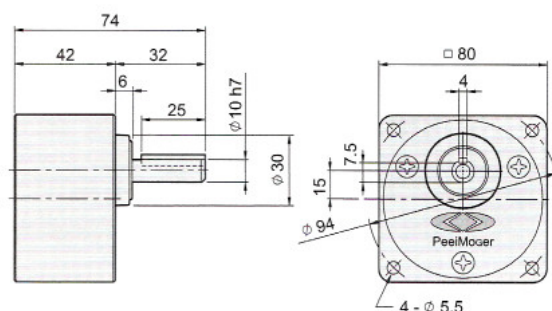
Output

25W



Gear Head

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



Frame

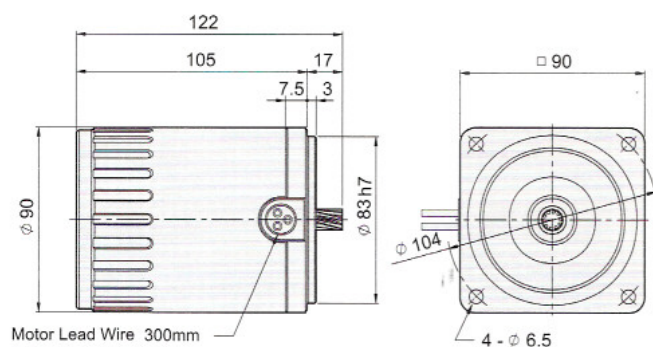
5

Motor

M-5RK40N-□□

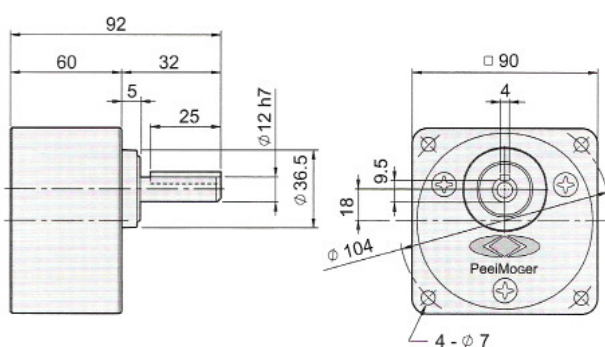
Output

40W

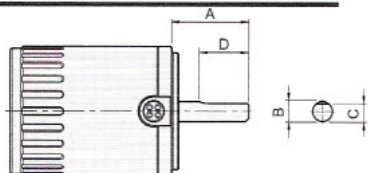


Gear Head

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

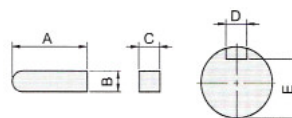


Dimensions - Motor, Round Shaft



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

Dimensions - Key & Keyway



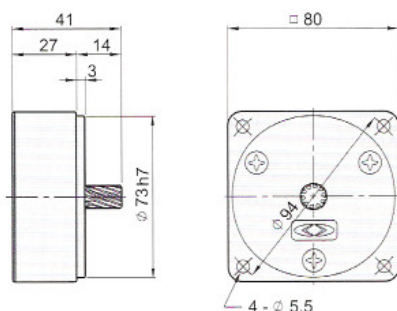
Model	A	B	C	D	E
G-4N□- $\begin{matrix} K \\ L \end{matrix}$	25	$4 \begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$	$4 \begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$	$4 \begin{smallmatrix} +0.060 \\ +0.010 \end{smallmatrix}$	$7.5 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$
G-5N□- $\begin{matrix}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

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-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-5N□-L	G-5N□-K	G-5N10X-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							

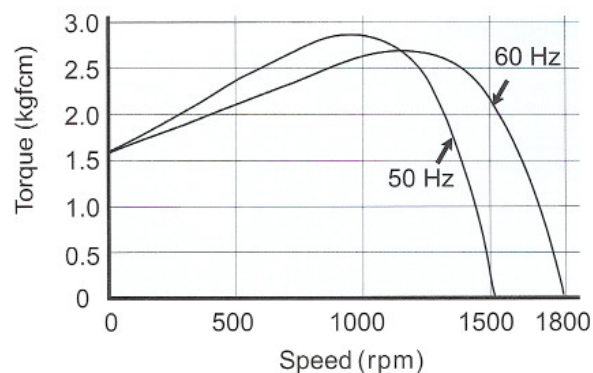
Decimal Gear Head

G-4N10X-K



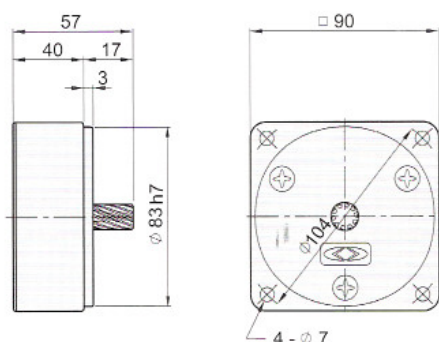
Speed - Torque Curve

M-4RK25N-A



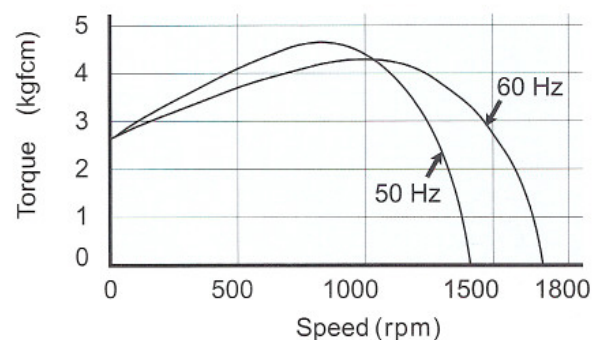
Decimal Gear Head

G-5N10X-K

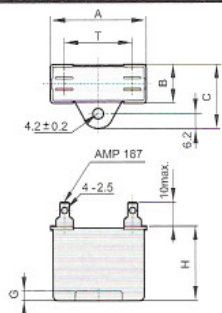


Speed - Torque Curve

M-5RK40N-A

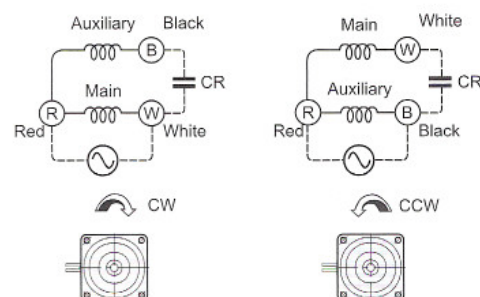


■ Dimensions and Specifications - Capacitor



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
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
		3.6	6	9	10	12	15	18	20	25	30	36	60	75	100	150	200	250	300	360	600
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
		3.6	6	9	10	12	15	18	20	25	30	36	60	75	100	150	200	250	300	360	600