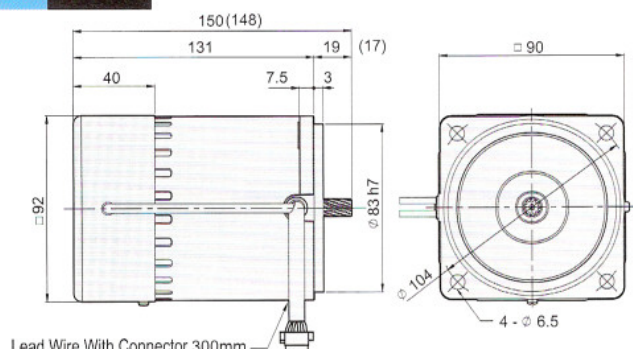


Variable Speed Motor

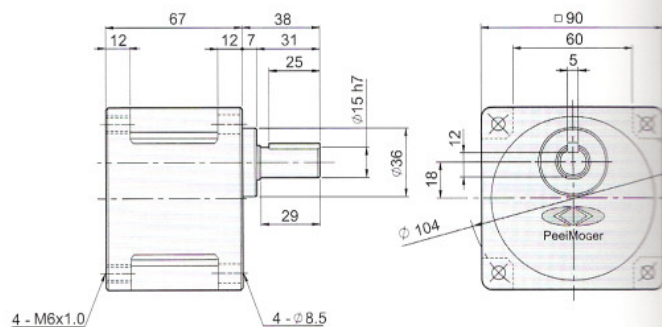
Frame **5** Motor
M-5IK60-N □ V
Output **60W**



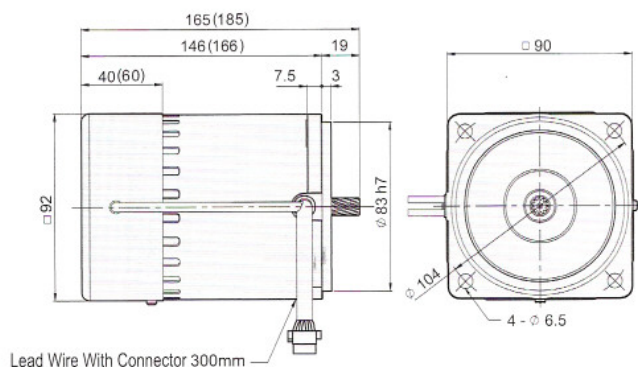
● () The dimension of Parenthesis is N model gear shaft and the dimension of applied Gearhead, as G-5N □ -K/L

Gear Head

G-5U □ -K

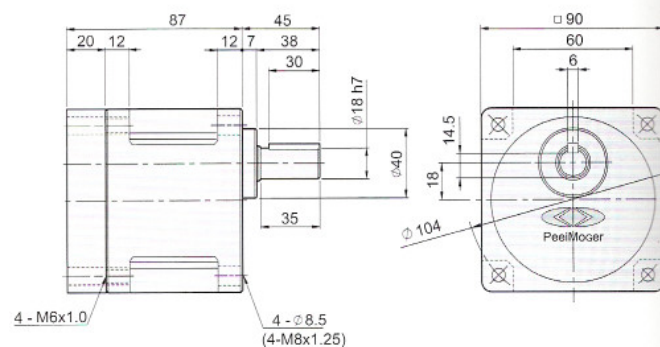


Frame **5** Motor
M-5IK90U- □ V
Output **90W**

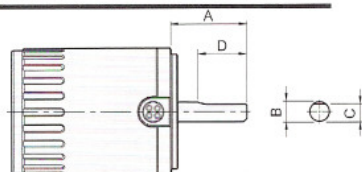


Gear Head

G-5U □ -KH

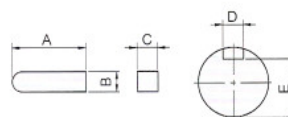


Dimensions - Motor, Round Shaft



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

Dimensions - Key & Keyway



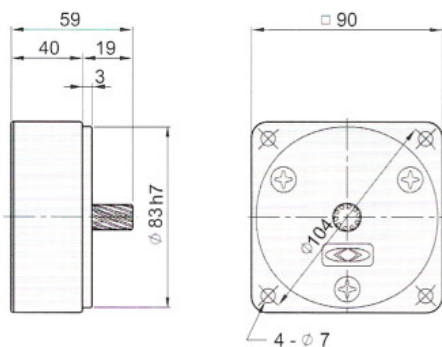
Model	A	B	C	D	E
G-5U □ -K	25	5 ⁰ _{-0.030}	5 ⁰ _{-0.030}	5 ^{+0.050} ₊₀	12 ⁰ _{-0.15}
G-5U □ -KH	30	6 ⁰ _{-0.030}	6 ⁰ _{-0.030}	6 ^{+0.050} ₊₀	14.5 ⁰ _{-0.15}

Specifications - Motor

Model	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Speed Range (r p m)	Rated Torque		Starting Current (A)	Starting Torque (kgfcm)	Capacitor uF(V)	Speed Controller	Applied Gearhead Type		
							1200	90					Metal Bearing	Ball Bearing	Decimal Gearhead
M-5IK60 ^N -AFV	4	60	110	50	CONT.	90~1400	4.4	1.2	2.5	4.2	20(250V)	US-5160A-A	G-5N □ -L	G-5N □ -K	G-5N10X-K
				60		90~1700	3.7	1.2	2.4	4.2				G-5U □ -K	G-5U10X-K
M-5IK60 ^N -CFV	4	60	220	50	CONT.	90~1400	4.4	1.2	1.3	4.2	5(450V)	US-5160A-C		G-5U □ -K	G-5U10X-K
				60		90~1700	3.7	1.2	1.2	4.2					
M-5IK90U-AFV	4	90	110	50	CONT.	90~1400	6.0	2.5	2.9	5.5	25(250V)	US-5190A-A		G-5U □ -K	G-5U10X-K
				60		90~1700	5.5	2.5	2.9	5.5					
M-5IK90U-CFV	4	90	220	50	CONT.	90~1400	6.0	2.5	1.5	5.5	6(450V)	US-5190A-C		G-5U □ -KH	G-5U10X-K
				60		90~1700	5.5	2.5	1.5	5.5					

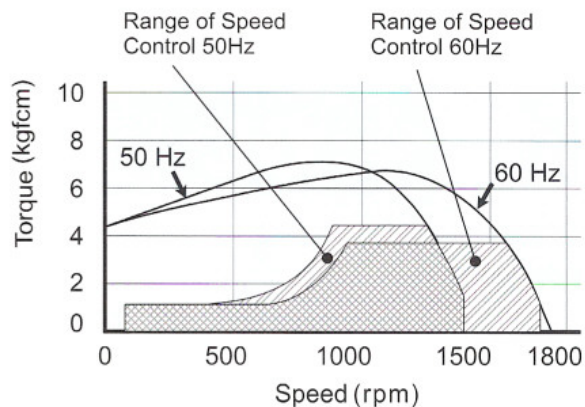
Decimal Gear Head

G-5U10X-K



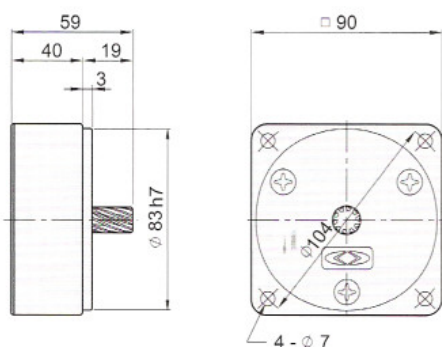
Speed-Torque Curve

M-5IK60_N-AFV



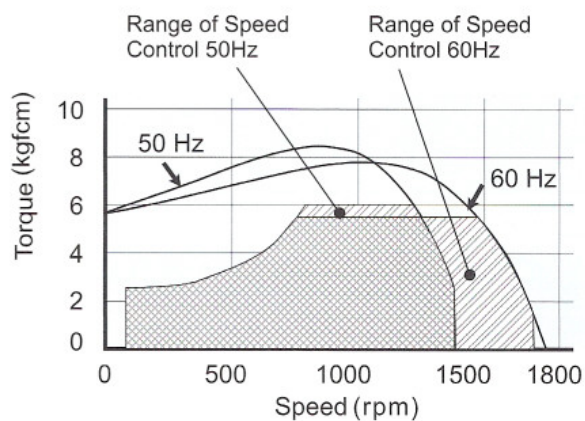
Decimal Gear Head

G-5N10X-K

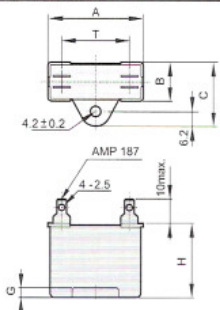


Speed - Torque Curve

M-5IK90U-AFV



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

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
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
		10	16	24	27	32	40	48	54	64	77	93	155	200	200	200	200	200	200
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G-5U□-K G-5U□-KH	Max. Allowable Torque (kgfcm)	14	23	35	38	46	58	69	77	92	111	133	200	200	200	200	200	200	200
		-	-	-	-	-	-	-	-	-	-	-	216	300	300	300	300	300	300
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-