

200W induction motor

K Series

Singal phase 110V 220V

Type meaning:

4 IK 25 GN-C

A: single phase 110V
C: single phase 220V
S: 3-phase 220V
S3: 3-phase 380V
S4: 3-phase 440V
A: round shaft
GN: bevel gear shaft (6,15,25,40,60,90W
Gu: bevel gear shaft)60,90,120,140,180,200W
Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
2: 60m/m
3: 70m/m
4: 80m/m
5: 90m/m
6: 104m/m

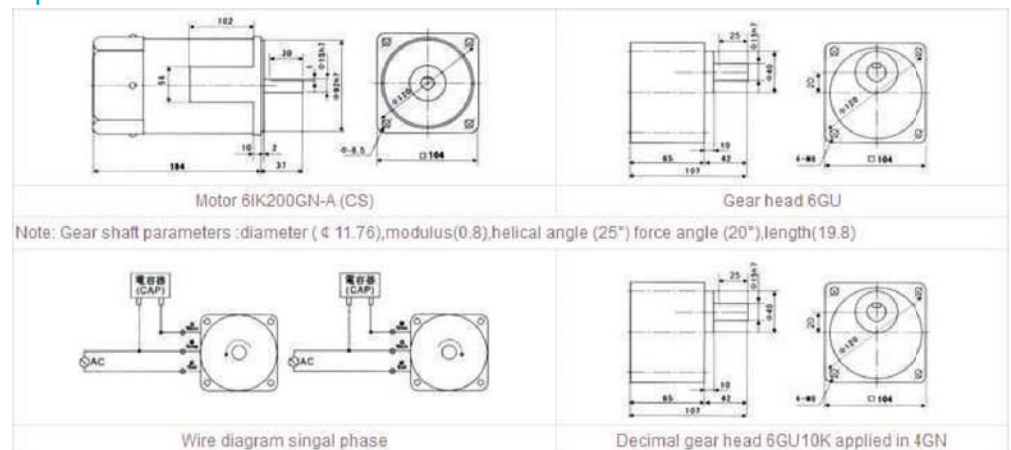


200W

Technical parameter:

Type	Power (w)	Voltage (v)	Frequency (Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
6IK200GN-A	200	1 ϕ 110	50	3.2	10.2	13.5	1350	Continue	28
6IK200GN-C	200	1 ϕ 220	50	1.7	10.2	13.5	1350	Continue	14
6IK200GN-C	200	1 ϕ 380	50	0.85	27	13	1350	Continue	-

Specifications:



180W induction motor

K Series

Singal phase 110V 220V

Three phase 220V 380V

Type meaning:

4 IK 25 GN-C

A: single phase 110V
C: single phase 220V
S: 3-phase 220V
S3: 3-phase 380V
S4: 3-phase 440V
A: round shaft
GN: bevel gear shaft (6,15,25,40,60,90W)
Gu: bevel gear shaft(60,90,120,140,180,200W)
Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
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3: 70m/m
4: 80m/m
5: 90m/m
6: 104m/m

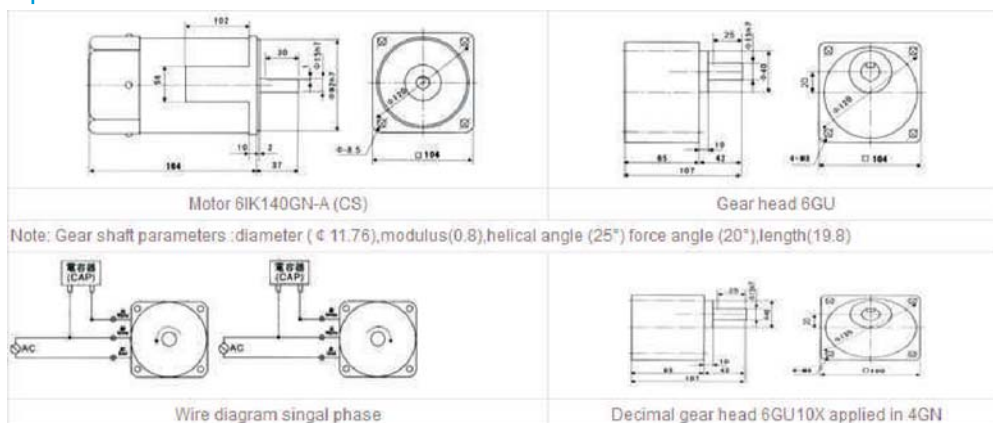


180W

Technical parameter:

Type	Power (w)	Voltage (v)	Frequency (Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
6IK180GN-A	180	1f110	50	3.0	9.8	12.5	1350	Continue	24
6IK180GN-C	180	1f220	50	1.6	9.8	12.5	1350	Continue	12
6IK180GN-C	180	1f380	50	0.8	26	12	1350	Continue	-

Specifications:



140W induction motor

K Series

Singal phase 110V 220V

Three phase 220V 380V

Type meaning:

4 IK 25 GN-C

A: single phase 110V
C: single phase 220V
S: 3-phase 220V
S3: 3-phase 380V
S4: 3-phase 440V
A: round shaft
GN: bevel gear shaft (6,15,25,40,60,90W
Gu: bevel gear shaft)60,90,120,140,180,200W
Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
2: 60m/m
3:70m/m
4: 80m/m
5: 90m/m
6: 104m/m

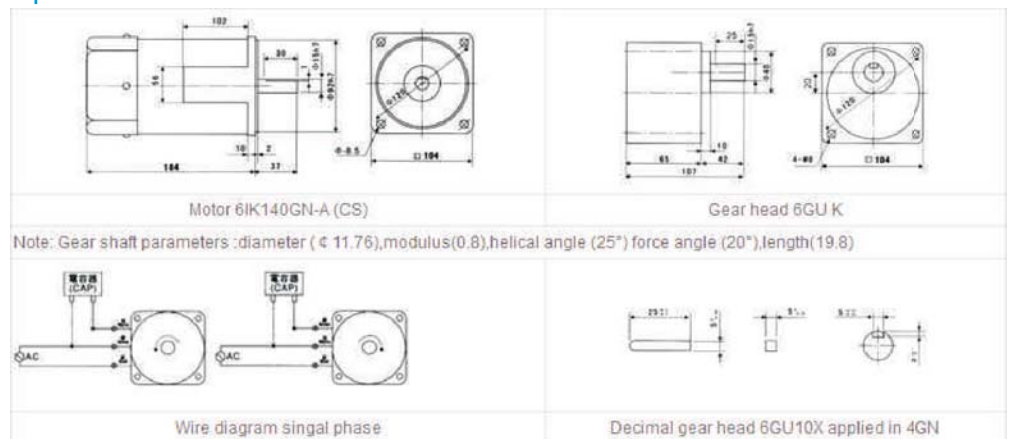


140W

Technical parameter:

Type	Power (w)	Voltage (v)	Frequency (Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
6IK140GN-A	140	1f110	50	2.6	8.5	11	1350	Continue	24
6IK140GN-C	140	1f220	50	1.4	8.5	11	1350	Continue	8
6IK140GN-C	140	1f380	50	0.7	25	10.8	1350	Continue	-

Specifications:



120W induction motor

K Series

Singal phase 110V 220V

Three phase 220V 380V

Type meaning:

4 IK 25 GN-C

A: single phase 110V
C: single phase 220V
S: 3-phase 220V
S3: 3-phase 380V
S4: 3-phase 440V
A: round shaft
GN: bevel gear shaft (6,15,25,40,60,90W
Gu: bevel gear shaft)60,90,120,140,180,200W
Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
2: 60m/m
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4: 80m/m
5: 90m/m
6: 104m/m

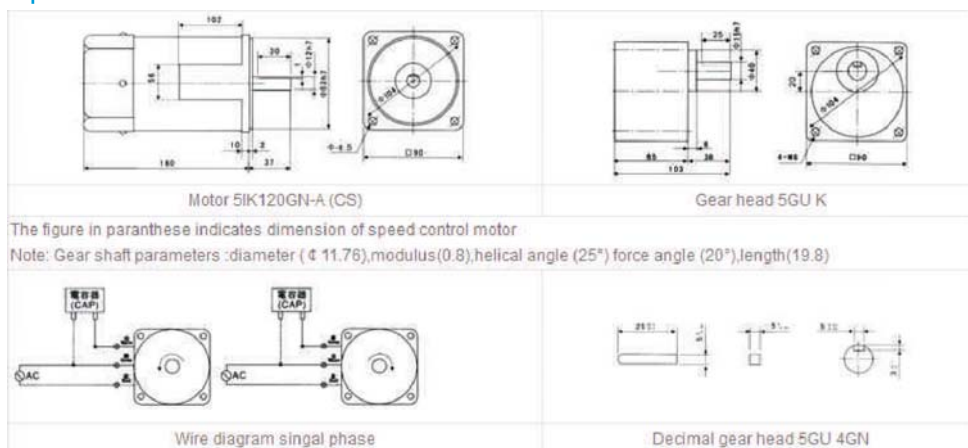


120W

Technical parameter:

Type	Powe r(w)	Voltage (v)	Frequency(Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
6IK120GN-A	120	1 ϕ 110	50	1.95	8	9.8	1350	Continue	24
6IK120GN-C	120	1 ϕ 220	50	0.98	8	9.8	1350	Continue	6
6IK120GN-C	120	1 ϕ 380	50	0.48	24	9.8	1350	Continue	-

Specifications:



90W induction motor

K Series

Singal phase 110V 220V

Three phase 220V 380V

Type meaning:

4 IK 25 GN-C

A: single phase 110V
C: single phase 220V
S: 3-phase 220V
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A: round shaft
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Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
2: 60m/m
3: 70m/m
4: 80m/m
5: 90m/m
6: 104m/m



90W

Technical parameter:

Type	Power (w)	Voltage (v)	Frequency (Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
5IK90GN-A	90	1 110	50	1.5	5	6.7	1350	Continue	20
5IK90GN-C	90	1 220	50	0.72	5	6.7	1350	Continue	5
5IK90GN-C	90	1 380	50	0.38	15.3	6.7	1350	Continue	-

Specifications:

Motor 5IK90GN-A (CS)	Gear head 5GN K 5GUK
The figure in paranthese indicates dimension of speed control motor Note: Gear shaft parameters :diameter (11.76),modulus(0.8),helical angle (25°) force angle (20°),length(19.8)	
Wire diagram singal phase	Decimal gear head 5GN10X
Key and key slot applied in 5GN	Decimal gear head 5GN10X

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K Series

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Three phase

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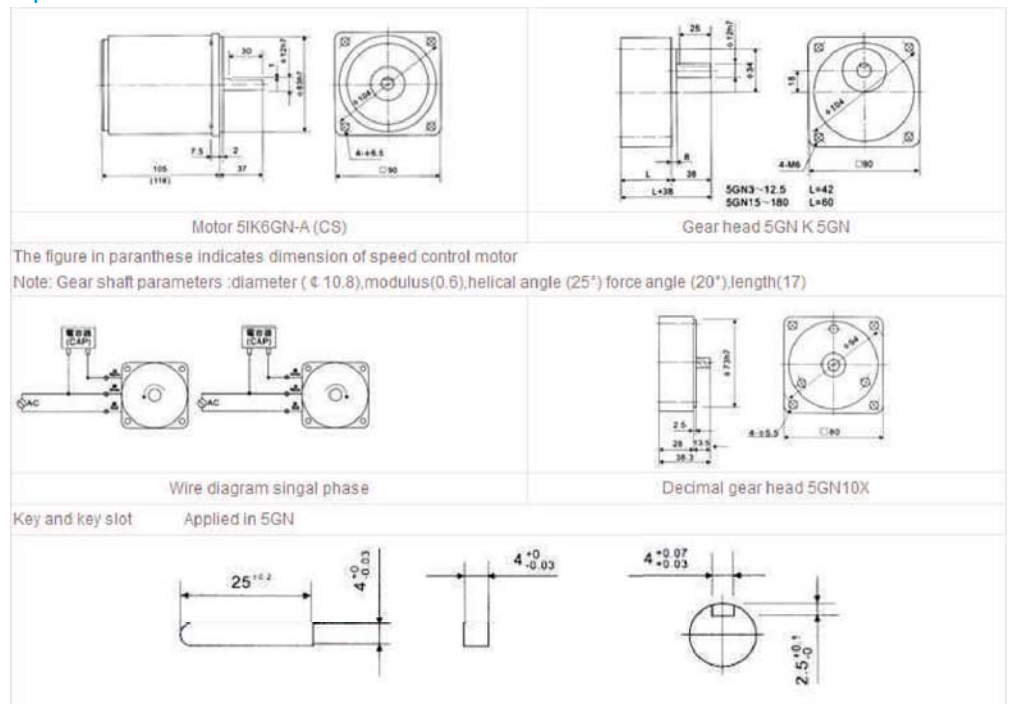


40W

Technical parameter:

Type	Power (w)	Voltage (V)	Frequency (Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
4IK40GN-A	40	1 ϕ 110	50	0.65	2.4	2.9	1350	Continue	10
4IK40GN-C	40	1 ϕ 220	50	0.33	2.4	2.9	1350	Continue	2.5
4IK40GN-C	40	1 ϕ 380	50	0.18	6.6	2.8	1350	Continue	-

Specifications:



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K Series

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Three phase

Type meaning:

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Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
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5: 90m/m
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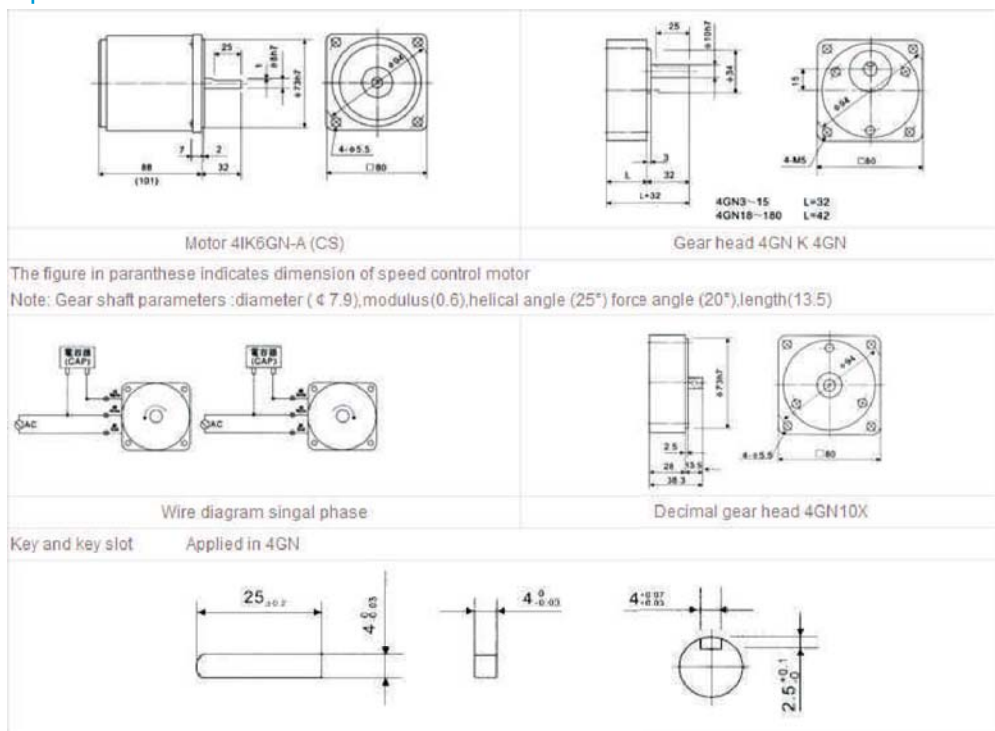


25W

Technical parameter:

Type	Power(w)	Voltage (v)	Frequency (Hz)	Current (A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
4IK25GN-A	25	1 ϕ 110	50	0.52	1.5	2.05	1350	Continue	6.0
4IK25GN-C	25	1 ϕ 220	50	0.25	1.5	2.05	1350	Continue	1.5
4IK25GN-C	25	3 ϕ 380	50	0.12	4.0	1.80	1350	Continue	-

Specifications:



120W induction motor

K Series

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A: round shaft
GN: bevel gear shaft (6,15,25,40,60,90W
Gu: bevel gear shaft)80,90,120,140,180,200W
Horsepower: 6W(HP) 15W 25W 40W 60W 90W
120W140W 180W 200W
1K: continuous duty operation
Dimension of device
2: 60m/m
3: 70m/m
4: 80m/m
5: 90m/m
6: 104m/m

Technical parameter:

Type	Power(w)	Voltage(v)	Frequency (Hz)	Current(A)	Stuated torque (kg.cm)	Rated torque (kg.cm)	Rated speed (rpm)	Rated time	Capacitor
21K6GN-A	6	110	50	0.24	0.45	0.4	1250	Continue	2.5
21K6GN-C	6	220	50	0.13	0.45	0.4	1250	Continue	0.75

Specifications:



6W

