

# Option

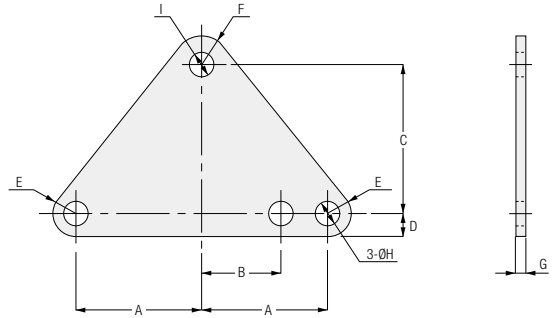
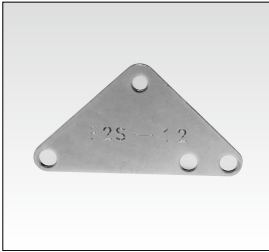
	INDUCTION GEAR MOTOR
P.595	Motor rear special specifications
P.598	Output Shaft

# Option

## Torque Arm

### MINI Series

#### ■ F2S Type



Part No.	Applicable Frame Size	A	B	C	D	E	F	G	H	I	Weight (g)
TAF2S-12	12	43	24	37.5	7	R7	R9	3.2	8.4	Ø7	75
TAF2S-15	15	48	30	56.5	9	R9	R11	3.2	10.5	Ø9	125

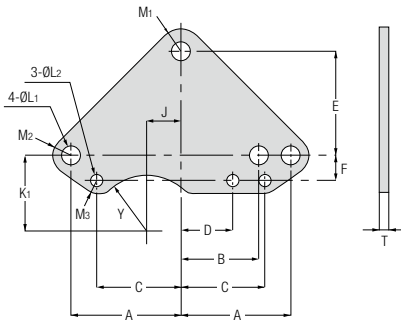
#### ● Torque Arm Specifications

Material	Surface Treatment	Color
SS400	Trivalent Chromate	White

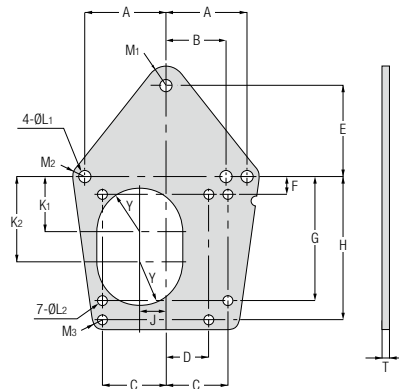
### MID Series

#### ■ FS Type

<Figure-1>



<Figure-2>

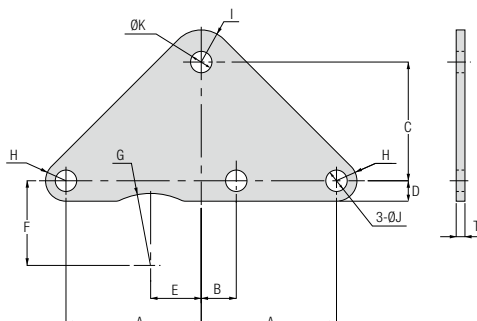


Part No.	Applicable Frame Size	Figure	A	B	C	D	E	F	G	H	J	K <sub>1</sub>	K <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	Y	T	Weight (kg)
TA-25	25	1	63	47	47	31	61	16	—	—	19	44	—	11	6.5	R15	R10.5	R7	R34	4.5	0.3
TA-30	30	1	70	52	53	35	70	17	—	—	20	50	—	11	9	R15	R12	R9	R39	6	0.5
TA-35	35	2	82	62	64	44	94	18	126	146	26	56	88	13	9	R18	R12	R10	R43.5	6	1.2
TA-45	45	2	102	72	80	50	110	22	152	182	32	70	104	15	11	R20	R15	R11	R51	9	3.0
TA-55	55	2	129	93	97	61	160	32	190	226	39	90	132	18	13	R25	R20	R13	R70	9	4.8

#### ● Torque Arm Specifications

Material	Surface Treatment	Color
SS400	Trivalent Chromate	White

■ F3S Type



Part No.	Applicable Frame Size	Power	Applicable Reduction Ratio	A	B	C	D	E	F	G	H	I	J	K	T	Weight (kg)
TAF3S-20-2	20	0.2 kW	1/5 to 1/30	53.5	23.5	52	10.5	—	—	—	R10.5	R11	11	9	3.2	0.1
		0.1 kW	1/5 to 1/60													
TAF3S-25-2	25	0.4 kW	1/5 to 1/30	60	27	61	10.5	16.5	43.5	R37	R10.5	R15	11	9	3.2	0.2
		0.2 kW	1/5 to 1/60													
TAF3S-25-3		0.1 kW	1/80 to 1/240	69.5	17.5	61	10.5	26	43.5	R37	R10.5	R16.5	11	11	4.5	0.2
TAF3S-30-2	30	0.75 kW	1/5 to 1/30	69.5	26.5	70	10.5	21.5	48	R41.5	R10.5	R15	11	11	4.5	0.3
		0.4 kW	1/5 to 1/60													
TAF3S-30-3		0.2 kW	1/80 to 1/240	78	14	70	12	32	46	R41.5	R12	R16.5	13.5	13.5	6	0.4
TAF3S-35-2	35	1.5 kW	1/5 to 1/30	80.5	31.5	94	12	24.5	56	R46.5	R12	R18	13.5	13.5	6	0.6
		0.75 kW	1/5 to 1/60													
TAF3S-35-3		0.4 kW	1/80 to 1/240	97	11	94	15	43	54	R46.5	R15	R22.5	17.5	17.5	9	1.2
TAF3S-45-2	45	1.5 kW	1/5 to 1/60	103.5	42.5	110	15	—	—	—	R15	R20	17.5	17.5	9	1.4
		2.2 kW	1/5 to 1/30													
TAF3S-45-3		0.75 kW	1/80 to 1/240	118	20	110	18.5	49	69	R54	R18.5	R28.5	22	22	9	1.7

● Torque Arm Specifications

Material	Surface Treatment	Color
SS400	Trivalent Chromate	White

G/G3 Type  
Parallel Shaft

H/H2 Type  
Right Angle Shaft

F Type  
Right Angle Hollow Bore/  
Right Angle Shaft

F2/F3 Type  
Concentric Right Angle Hollow Bore/  
Concentric Right Angle Shaft

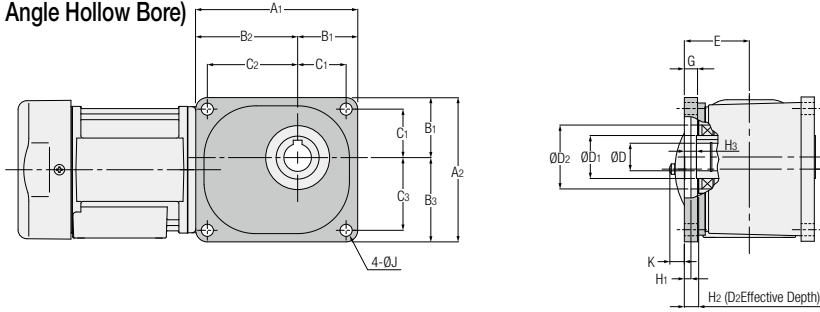
Technical Documentation

Option

## R Flange

### Induction Gearmotors

#### FS Type (Right Angle Hollow Bore)



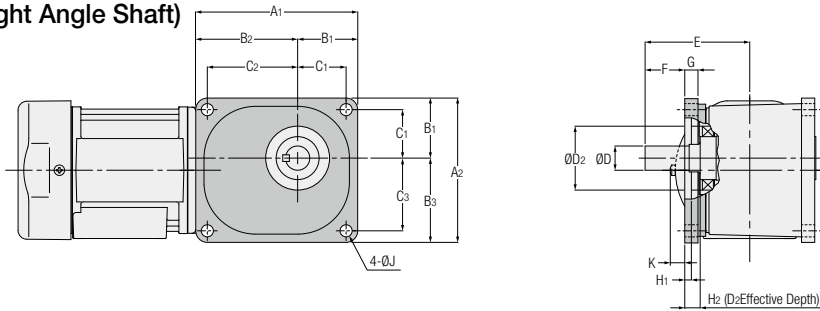
Part No.	Applicable Frame Size	A <sub>1</sub>	A <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	E	G	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	D <sub>2</sub> (H8)	Output Shaft		J	K Note 1, Note 2
																D <sub>1</sub>	D (H8)		
RF-25	25	147	131	54.5	92.5	76.5	44	82	66	59	12	6	12	11	58	39	25	11	13.5 (—)
RF-30	30	164	146	62	102	84	50	90	72	65	14	5	15	14	65	44	30	11	7.5 (7.5)
RF-35	35	188	168	68	120	100	56	108	88	70	16	3	18	17	72	49	35	13	2.5 (2.5)
RF-45	45	234	204	85	149	119	70	134	104	80	18	3	22	21	85	64	45	15	— (—)
RF-55	55	298	262	110	188	152	90	168	132	98	22	6	17	16	100	79	55	18	— (—)

Note1: The K dimension is the value for gearmotor with brake.

Note2: The value in brackets is the IP65 gearmotor value.

Note3: For 1-Phase cases, please contact your nearest Sales Office or the CS Center.

#### FF Type (Right Angle Shaft)



Part No.	Applicable Frame Size	A <sub>1</sub>	A <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	E	G	H <sub>1</sub>	H <sub>2</sub>	D <sub>2</sub> (H8)	Output Shaft		J	K Note 1, Note 2
															F	D (h6)		
RF-25	22	147	131	54.5	92.5	76.5	44	82	66	95	12	6	12	58	36	22	11	13.5 (—)
RF-30	28	164	146	62	102	84	50	90	72	107	14	5	15	65	42	28	11	7.5 (7.5)
RF-35	32	188	168	68	120	100	56	108	88	124	16	3	18	72	54	32	13	— (—)
RF-45	40	234	204	85	149	119	70	134	104	144	18	3	22	85	64	40	15	— (—)

Note1: The K dimension is the value for gearmotor with brake.

Note2: The value in brackets is the IP65 gearmotor value.

#### R Flange Specifications

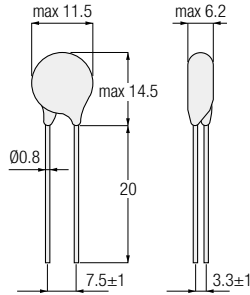
Part No.	Applicable Frame Size	Weight (kg)	Material	Color
RF-25	25-22	0.5	Aluminum Casting	Gray
RF-30	30-28	0.5	Aluminum Die-cast	
RF-35	35-32	1.0	Aluminum Casting	
RF-45	45-40	2.0	Aluminum Casting	
RF-55	55	7.0	Cast Iron	

Surge Suppressors for Brake Wiring

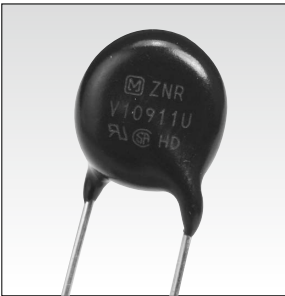
■ For 200 V Class Motors with a Brake (OP-ERZV10D471)



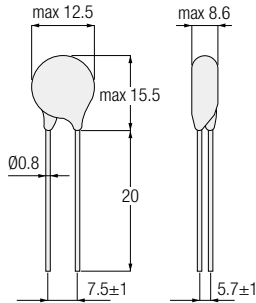
● Use a surge suppressor for the contact of a brake DC switching connection to extinguish sparks.



■ For 400 V Class Motors with a Brake (OP-ERZV10D911)



● Use a surge suppressor for the contact of a brake DC switching connection to extinguish sparks.



G/G3 Type  
Parallel Shaft

H/H2 Type  
Right Angle Shaft

F Type  
Right Angle Hollow Bore/  
Right Angle Shaft

F2/F3 Type  
Concentric Right Angle Hollow Bore/  
Concentric Right Angle Shaft

Technical Documentation

Option

## Option Codes

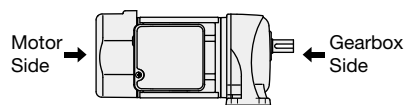
We can deal with orders for specification changes and additional work as described below as options. Use options according to the usage of the product.

You can also select combinations of multiple options. For details, please refer to the table shown below.

Gearhead Type					Motor Type							Brake Specifications	Option	
Series	Mount	Frame Size	Shaft Arrangement	Reduction Ratio	Motor Type	Motor Specifications	Motor Power	Number of Phases	Supply Voltage	Standards	Terminal Box	Brake	Option	Option Code
<b>G3</b>	<b>L</b>	<b>28</b>	<b>N</b>	<b>5</b>	<b>M</b>	<b>D</b>	<b>08</b>	<b>T</b>	<b>N</b>	<b>N</b>	<b>T</b>	<b>B2</b>	<b>X</b>	<b>AA</b>
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮

1. Add an "X" and a desired option code to the end of the model name when ordering.
2. If you order multiple options, they will be marked on the nameplate in the order shown in [Nameplate Notation Order] in the table below.  
[Example] If you have ordered AC switching A [AA], box position (top) [TZ], hole position (lower) [H6], encoder (100 P/R) [X0], the order of the option code following the option "X" of the model will be X0TZH6AA.
3. Available options differ depending on the model. For more information, please refer to the page detailing each option.
4. There are options that cannot be used in combination with others. For more information, please refer to the page detailing each option.

\* For more information, please contact your nearest Sales Office or the CS Center.



### List of Option Codes

page	Option Code	Description	Nameplate Notation Order
Motor rear special specifications	X6	The motor will be shipped with the rear-side motor shaft extended.	1
	X0	The motor will be shipped with an encoder (100 P/R) attached.	2
	X1	The motor will be shipped with an encoder (1024 P/R) attached.	
	X7	The motor will be shipped with a forced fan attached.	3
Terminal Box	CC	The motor will be shipped together with a cable gland for T Type terminal box.	4
	T3	The position of the terminal box will be changed to the (right) when viewed from the motor side.	5
	T6	The position of the terminal box will be changed to the (bottom) when viewed from the motor side.	
	T9	The position of the terminal box will be changed to the (left) when viewed from the motor side.	
	TZ	The position of the terminal box will be changed to the (top) when viewed from the motor side.	
	H3	The hole direction of the terminal box will be changed to the gearbox side.	6
H6	The hole direction of the terminal box will be changed to the (bottom). (Note 1)		
HZ	The hole direction of the terminal box will be changed to the (top). (Note 1)		
Manual release lever	R1	The position of the manual release lever will be changed to the (lower right) when viewed from the motor side.	7
	R3	The position of the manual release lever will be changed to the (right) when viewed from the motor side.	
	R6	The position of the manual release lever will be changed to the (bottom) when viewed from the motor side.	
	R7	The position of the manual release lever will be changed to the (lower left) when viewed from the motor side.	
	R9	The position of the manual release lever will be changed to the (left) when viewed from the motor side.	
	RZ	The position of the manual release lever will be changed to the (top) when viewed from the motor side.	
Brake wiring for built-in rectifier	AB	The rectifier will be built in the terminal box, and the motor will be shipped with AC switching B connected.	8
	AA	The rectifier will be built in the terminal box, and the motor will be shipped with AC switching A connected.	
	DC	The rectifier will be built in the terminal box, and the motor will be shipped with DC switching connected.	
Output Shaft	40	The output shaft will be changed to an output shaft with shaft end tapping. (The G3 type standard specification and the water-resistant carbon steel output shaft are provided with shaft end tapping as a standard item.)	9
	F2	Changes the bore diameter of the right angle hollow bore from Ø25 to Ø20.	
	F3	Changes the bore diameter of the right angle hollow bore from Ø30 to Ø25.	
	F4	Changes the bore diameter of the right angle hollow bore from Ø35 to Ø30.	
	F5	Changes the bore diameter of the right angle hollow bore from Ø45 to Ø35.	
	F6	Changes the bore diameter of the right angle hollow bore from Ø45 to Ø40.	
	F7	Changes the bore diameter of the right angle hollow bore from Ø55 to Ø45.	
	F8	Changes the bore diameter of the right angle hollow bore from Ø55 to Ø50.	

Note 1: The gearbox side hole and the motor side hole will always be set in the positions "3" and "9," respectively, regardless of the position of the terminal box.  
Note 2: Option parts, such as torque arms and surge suppressors, are not assigned with option codes.

### Motor Shaft Extension

The motor shaft can be extended from the rear end of the motor. If you require motor shaft extension, order it with the option code shown in the table below.

Since the rotary portion will be exposed during use, please take a measure to prevent any contact with it for safety. (Installing a cover, etc.)

For more details, please contact your nearest Sales Office or the CS Center.

#### Target Models

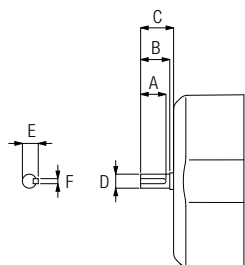
Induction Gearmotors

0.4 kW to 2.2 kW: No Brake/Brakemotor (except water-resistant IP65)

Option	Option Code
X	X6

Model example: Standard specification G3L28N30-MM04TNNTB2 ⇒ Motor shaft extension G3L28N30-MM04TNNTB2XX6

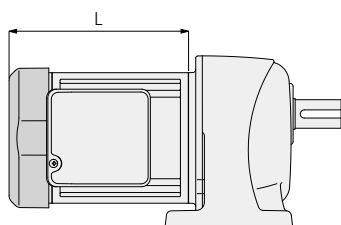
#### Motor Shaft Extension Specifications



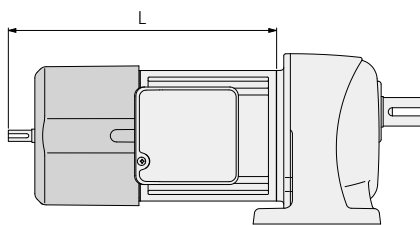
Motor Power	A	B	C	D	E	F
0.4 kW	20	23	26	∅11h7	12.5	4
0.75 kW	20	23	28	∅11h7	12.5	4
1.5 kW	27	30	33	∅14h7	16	5
2.2 kW	27	30	33	∅14h7	16	5

#### Product Outline Dimensions

When the shaft is extended, the overall length of the motor will increase. For details, please refer to the table shown below.



[Figure-1]



[Figure-2]

Motor Power	Overall length (L)		
	Standard type [Figure-1]		Motor Shaft Extension [Figure-2]
	No Brake	Brakemotor	Common to No brake/brakemotor
0.4 kW	176	196	263
0.75 kW	217	237	306
1.5 kW	268.5	297.5	371.5
2.2 kW	302	331	405

G/G3 Type  
Parallel Shaft

H/H2 Type  
Right Angle Shaft

F Type  
Right Angle Hollow Bore/  
Right Angle Shaft

F2/F3 Type  
Concentric Right Angle Hollow Bore/  
Concentric Right Angle Shaft

Technical Documentation

Option

## Encoders

An encoder can be attached to the rear of the motor with the specifications shown in the table below. If you require this option, please place an order with the appropriate option code shown in the table below.

### Target Models

Induction Gearmotors

0.1 kW to 2.2 kW No brake/brakemotor (except water-resistant specification IP65)

Note 1: When it is necessary to adjust the gap of the brake or replace the brake unit, please contact us for repair.

### Encoder Specifications

Option	Option Code	Specification	
		Number of Pulses	Output Method
X	X0	100 p/r	Line Drive
X	X1	1024 p/r	Line Drive

Note 1: If you require an encoder with specifications not listed in the table, it may be manufactured as a custom order. Please consult us

**Model example: Standard specification G3L28N30-MM04TNNTB2 ⇒ With an encoder G3L28N30-MM04TNNTB2XX0**

### Electrical Specifications

Supply Voltage	4.5 to 13.2 VDC
Current Consumption	30 mA MAX
Output Voltage	H level 2.5 V or more L level 0.5 V or below
Maximum Draw-in Current	20 mA
Maximum Response Frequency	120 kHz
Rise and Fall Time	100 ns MAX

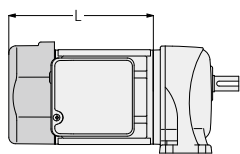
### Connector Specifications (Hirose Electric DF3-9S-2C)

Terminal No.	Color	Connection	Terminal No.	Color	Connection
1	Red	Vcc	6	Gray	Sig $\bar{B}$
2	Black	OV	7	Yellow	Sig Z
3	Green	Sig A	8	Orange	Sig $\bar{Z}$
4	Blue	Sig $\bar{A}$	9	Black	Shield
5	White	Sig B			

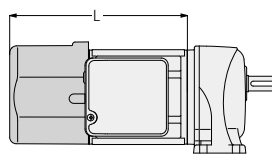
### Product Appearance Dimensions

When an encoder is installed, the overall length of the motor will increase.

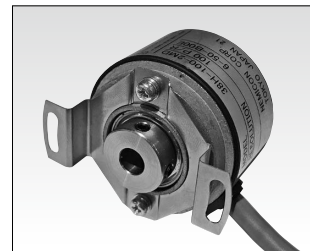
For details, please refer to the table shown below.



[Figure-1]



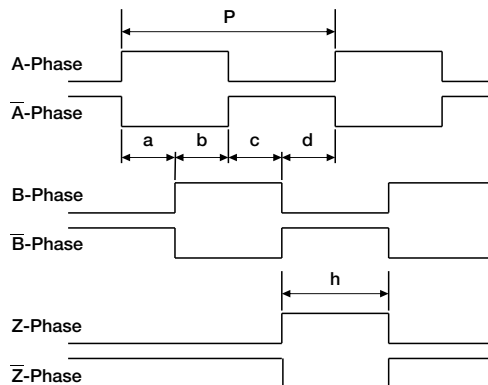
[Figure-2]



Encoder Appearance

\* The encoder will not be visible on the appearance of the product because it will be contained in the fan cover.

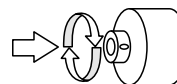
### Waveform Specifications



Signal A, B  $a, b, c, d = (P/4) \pm (P/8)$

Duty =  $(P/2) \pm (P/4)$

Signal Z  $(P/4) \leq h \leq (3P/4)$



Motor Power	Overall length (L)			Encoder Cable Effective Length
	Standard type [Figure-1]		With Encoder [Figure-2]	
	No Brake	Brakemotor	Common to No brake/brakemotor	
0.1 kW	114	154	205.5	350
0.2 kW	129	179.5	220.5	350
0.4 kW	176	196	237	350
0.75 kW	217	237	278	300
1.5 kW	268.5	297.5	338.5	250
2.2 kW	302	331	372	250

Note 1: The protective structure of the encoder is IP50. Please note that this protective structure is different from the protective structure marked on the nameplate.

Note 2: The product will be shipped with the encoder cable drawn out of the gap of the fan cover.

Note 3: Gearmotors with a motor power of 0.1 kW or 0.2 kW does not include the fan cover.



## Forced Fan

A forced fan can be attached to the rear of the motor with the specifications shown in the table below. If you require this option, please place an order with the appropriate option code shown in the table below.

### Target Models

Induction Gearmotors

0.1 kW to 2.2 kW: No brake/brakemotor (except water-resistant specification IP65)

### Forced Fan Specifications

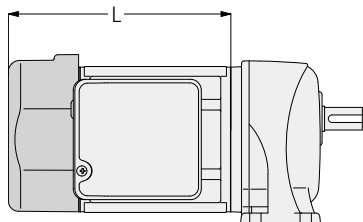


Option	Option Code	Specification			
		Supply Voltage	Frequency	Speed	Rated Current
X	X7	200 VAC±10 %	50 Hz	2600 r/min	0.05 A
		200 VAC±10 %	60 Hz	3000 r/min	0.04 A

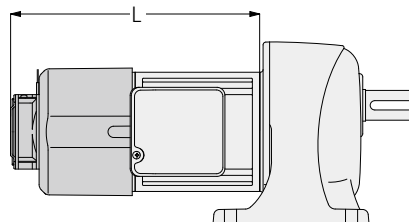
Model example: Standard specification G3L28N30-MM04TNNTB2 ⇒ With forced fan G3L28N30-MM04TNNTB2XX7

### Product Outline Dimensions

When a forced fan is installed, the overall length of the motor will increase. For details, please refer to the table shown below.



[Figure-1]



[Figure-2]

Power	Overall length (L)		
	Standard type [Figure-1]		With Forced Fan [Figure-2]
	No Brake	Brakemotor	Common
0.1 kW	114	154	236.5
0.2 kW	129	179.5	251.5
0.4 kW	176	196	268
0.75 kW	217	237	309
1.5 kW	268.5	297.5	369.5
2.2 kW	302	331	403

Note 1: The protective structure of the forced fan is IP10. Please note that this protective structure is different from the protective structure marked on the nameplate.

Note 2: The motor will be shipped with the forced fan cable filed.

G/G3 Type  
Parallel Shaft

H/H2 Type  
Right Angle Shaft

F Type  
Right Angle Hollow Bore/  
Right Angle Shaft

F2/F3 Type  
Concentric Right Angle Hollow Bore/  
Concentric Right Angle Shaft

Technical Documentation

Option

## Cable Glands

A gearmotor with a T type terminal box can be shipped together with an attachable cable gland. If you require this option, please place an order with the appropriate option code shown in the table below.

### Target Models

Induction Gearmotors

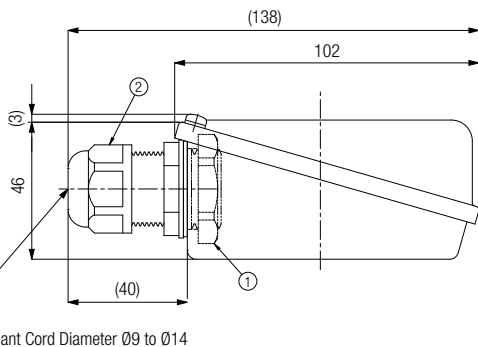
0.1 kW to 2.2 kW: All models with a T type terminal box

Option	Option Code
X	CC

**Model example: Standard specification G3L28N30-MM04TNNTB2 ⇒ With cable gland G3L28N30-MM04TNNTB2XCC**

### Product Outline Dimensions and Specifications

#### With a terminal box attached



#### Cable Gland Specifications

AVC Corporation of Japan (FGA26S-14B)

Body Material: Nylon 66 (UL94V-2)

IP Rating: IP68/5 atmospheric pressure

Conforming Standard: UL-C & US/CE

Color: Black

Wrench Size Lock/Seal: 33/27

#### Tightening Torques (Reference Values)

① Lock nut: 2.4 to 3.4 N·m

② Sealing nut: 1.8 to 2.5 N·m

Note 1: A cable gland will be shipped with the product. Attach the cable gland to the terminal box yourself.

Note 2: Please note that depending on the position of the terminal box and its hole direction, a cable gland may interfere with the peripheral parts when installed, and hinder mounting and wiring.

For more details, please contact your nearest Sales Office or the CS Center.



## Output Shaft Tapping (Threading)

The output shaft of the parallel shaft G3 Type is tapped to the dimensions shown in the table below (Note 1), but the output shafts of other types are not tapped. If you desire output shaft tapping, we will prepare an output shaft manufactured to the dimensions shown in the table below. Designate these dimensions wherever possible at the time of design. To order tapping, enter "X40" at the end of the model name.

Note 1: Water-resistant specification stainless steel output shafts are not tapped.



**Model example: Standard specification H2L22R30-MM02TNNTN ⇒ Output shaft with standard tapping H2L22R30-MM02TNNTNX40**

Note 2: The mark "●" in the table indicates a standard stock item. In addition, "▲" indicates that a lead time of about full 10 days is required.

Note 3: Water-resistant specification stainless steel output shafts and dimensions other than those shown in the table below are custom specifications.

Note 4: For lead time, prices, and other details, please contact your nearest Sales Office.

Shaft Diameter (Frame Size)	Size × Pitch × Depth	G-VG Type (Parallel Shaft)	G3 Type (Parallel Shaft)	H-H2 Type (Right Angle Shaft)			F2F-FF-F3F Type (Right Angle Shaft)		
				L Shaft	R Shaft	T Shaft	L Shaft	R Shaft	T Shaft
12/15	M5 × 0.8 × 12 ℓ	●	Not Available	●	●	●	▲	▲	▲
18	M6 × 1.0 × 15 ℓ	●	With Output Shaft Tapping	●	●	●	▲	▲	▲
22/28	M8 × 1.25 × 20 ℓ	With Output Shaft Tapping		●	●	▲	●	▲	▲
32/40	M10 × 1.5 × 25 ℓ	Not Available		●	●	▲	●	▲	▲
50	M12 × 1.75 × 30 ℓ	Not Available		●	●	▲	Not Available	Not Available	Not Available

### Output Shaft Hole Diameter Custom Specifications

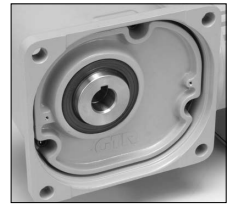
Output shafts with the internal diameters shown in the table below are also available for the FS and F3S types (right angle hollow bore).

Order a desired shaft diameter with the appropriate option code shown in the table below.

Note 1: It is necessary to examine the strength of the shaft to be inserted.

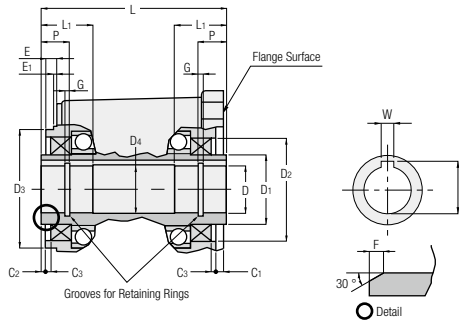
Note 2: Shafts for reduction ratio 1/5 cannot be manufactured.

Note 3: For lead time, prices, and other details, please contact your nearest Sales Office.



Model name example: Standard specification F3S25N30-MM02TNNTN ⇒ Output shaft diameter Ø20 specification F3S25N30-MM02TNNTNXF2

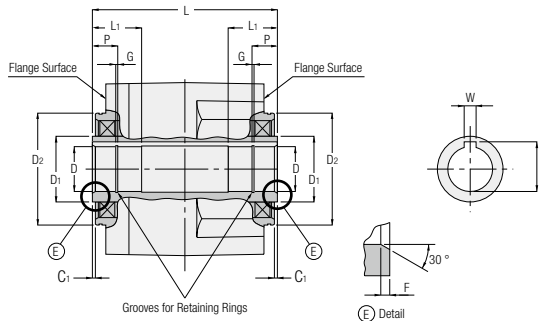
### FS Type (Right Angle Hollow Bore)/Output Shaft Hole Diameter Custom Specifications



#### Right Angle Hollow Bore Detailed Dimensions

Frame Size	Internal Diameter of Right Angle Hollow Bore	D (H8)	D <sub>1</sub>	D <sub>2</sub> (H8)	D <sub>3</sub> (h8)	D <sub>4</sub>	W	T	L	L <sub>1</sub>	P	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	E	E <sub>1</sub>	F	G	Option Code
25	Ø20	Ø20	Ø39	Ø58	Ø66	Ø21	6	22.8	108	27	14	6	2	3	6	0	2	1.15	F2
30	Ø25	Ø25	Ø44	Ø65	Ø75	Ø26	8	28.3	117	33	17	5	2	3	7	0	2	1.35	F3
35	Ø30	Ø30	Ø49	Ø72	Ø85	Ø31	8	33.3	124	38	20	3	2	3	7	0	2	1.35	F4
45	Ø35	Ø35	Ø64	Ø85	Ø100	Ø36	10	38.3	140	50	26	3	2	3	6	0	2	1.75	F5
	Ø40	Ø40	Ø64	Ø85	Ø100	Ø41	12	43.3	140	50	26	3	2	3	6	0	2	1.95	F6
55	Ø45	Ø45	Ø79	Ø100	Ø120	Ø46	14	48.8	181	61	32	5	2	5	10	2	2	1.95	F7
	Ø50	Ø50	Ø79	Ø100	Ø120	Ø51	14	53.8	181	61	32	5	2	5	10	2	2	2.20	F8

### F3S Types (Right Angle Hollow Bore)/Output Shaft Hole Diameter Custom Specifications



#### Right Angle Hollow Bore Detailed Dimensions

Frame Size	Internal Diameter of Right Angle Hollow Bore	D (H8)	D <sub>1</sub>	D <sub>2</sub> (h7)	W	T	L	L <sub>1</sub>	P	C <sub>1</sub>	F	G	Option Code
25	Ø20	Ø20	Ø39	Ø66	6	22.8	118	27	14	2	2	1.15	F2
30	Ø25	Ø25	Ø44	Ø75	8	28.3	124	33	17	2	2	1.35	F3
35	Ø30	Ø30	Ø49	Ø85	8	33.3	142	38	20	2	2	1.35	F4
45	Ø35	Ø35	Ø64	Ø100	10	38.3	168	50	26	2	2	1.75	F5
	Ø40	Ø40	Ø64	Ø100	12	43.3	168	50	26	2	2	1.95	F6

G/G3 Type  
Parallel Shaft

H/H2 Type  
Right Angle Shaft

F Type  
Right Angle Hollow Bore/  
Right Angle Shaft

F2/F3 Type  
Concentric Right Angle Hollow Bore/  
Concentric Right Angle Shaft

Technical Documentation

Option