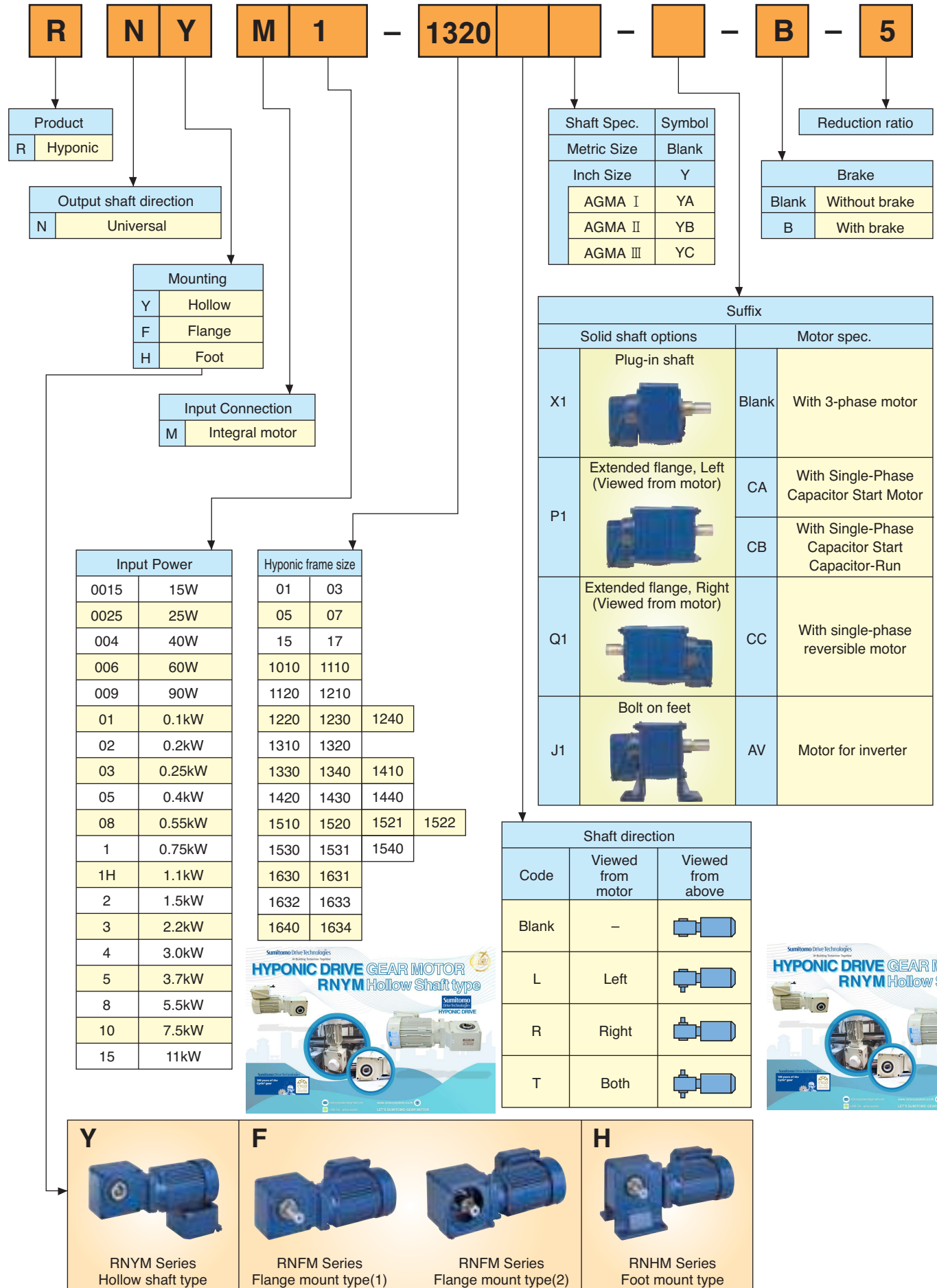




Sumitomo Drive Technologies
» Building Tomorrow Together

HYPONIC DRIVE GEAR MOTOR
RNYM Hollow Shaft type

Sumitomo Drive Technologies
HYPONIC DRIVE

Sumitomo Drive Technologies
100 years of the Cyclo® gear
CYCLO 1921 - 2021

victorysystem@gmail.com
LINE OA : @hipower89

www.victorysystem.co.th
LET'S SUMITOMO GEAR MOTOR

Hollow Shaft

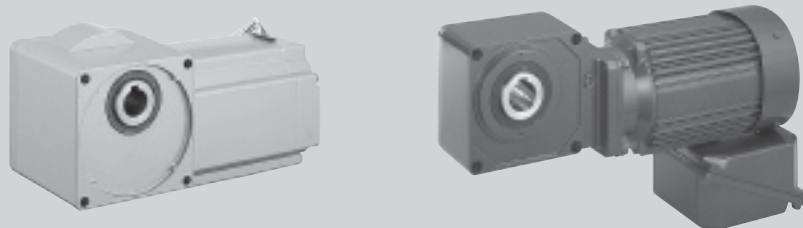
3-phase

Single-phase

Motors for Inverters

HYPONIC Drive®

Hollow Shaft



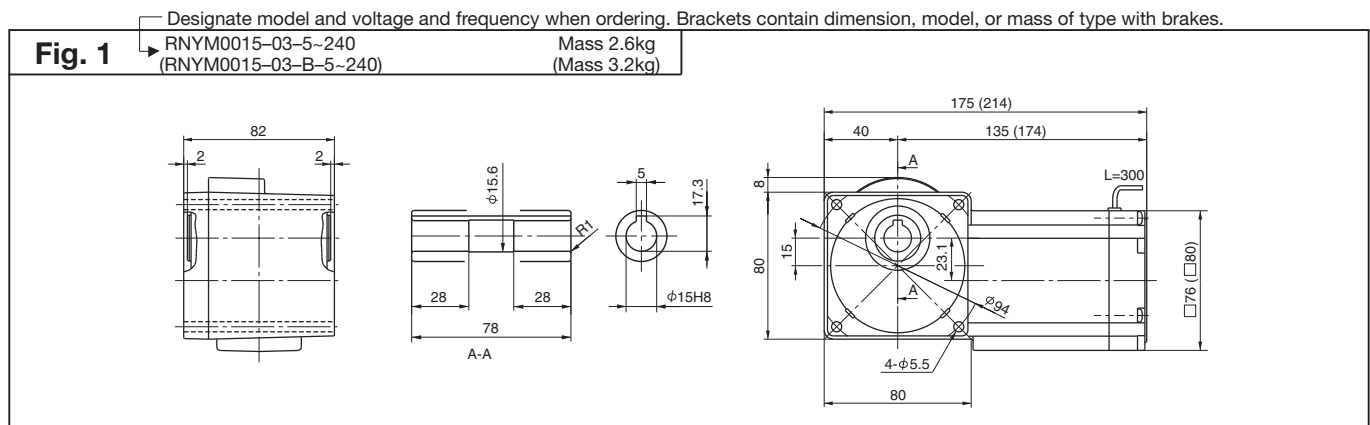
RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	0.371	0.307	0.038	0.031	4.00	539	490	55	50	0015	—	03	—	5
193	233	0.556	0.461	0.057	0.047	4.00	588	539	60	55	0015	—	03	—	7.5
145	175	0.742	0.615	0.076	0.063	4.00	637	588	65	60	0015	—	03	—	10
121	146	0.890	0.738	0.091	0.075	4.00	686	637	70	65	0015	—	03	—	12
96.7	117	1.11	0.922	0.113	0.094	4.00	735	686	75	70	0015	—	03	—	15
72.5	87.5	1.48	1.23	0.151	0.125	4.00	785	735	80	75	0015	—	03	—	20
58.0	70.0	1.85	1.54	0.189	0.157	4.00	834	785	85	80	0015	—	03	—	25
48.3	58.3	2.23	1.84	0.227	0.188	4.00	883	834	90	85	0015	—	03	—	30
36.3	43.8	2.97	2.46	0.303	0.251	4.00	981	932	100	95	0015	—	03	—	40
29.0	35.0	3.71	3.07	0.378	0.313	4.00	1080	1030	110	105	0015	—	03	—	50
24.2	29.2	4.45	3.69	0.454	0.376	4.00	1080	1080	110	110	0015	—	03	—	60
18.1	21.9	5.93	4.92	0.605	0.501	4.00	1080	1080	110	110	0015	—	03	—	80
14.5	17.5	7.42	6.15	0.756	0.627	4.00	1080	1080	110	110	0015	—	03	—	100
12.1	14.6	8.90	7.38	0.908	0.752	3.34	1080	1080	110	110	0015	—	03	—	120
9.06	10.9	11.9	9.83	1.21	1.00	2.50	1080	1080	110	110	0015	—	03	—	160
7.25	8.75	14.8	12.3	1.51	1.25	2.00	1080	1080	110	110	0015	—	03	—	200
6.04	7.29	17.8	14.8	1.82	1.50	1.67	1080	1080	110	110	0015	—	03	—	240

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



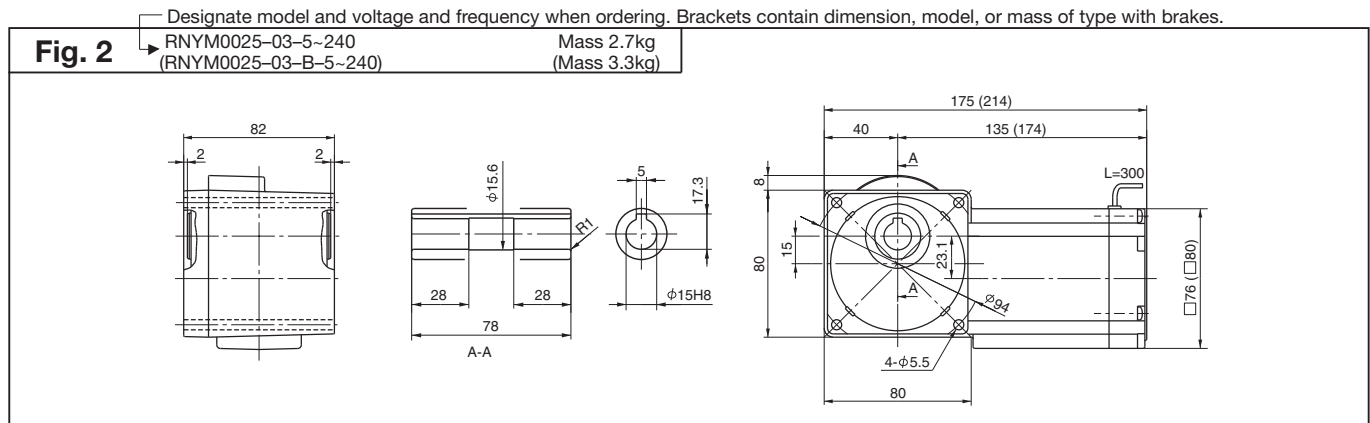
RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz 1450r/min 60Hz 1750r/min
-------------------	----------------------------------

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	0.618	0.512	0.063	0.052	2.40	539	490	55	50	0025	—	03	—	5
193	233	0.927	0.768	0.095	0.078	2.40	588	539	60	55	0025	—	03	—	7.5
145	175	1.24	1.02	0.126	0.104	2.40	637	588	65	60	0025	—	03	—	10
121	146	1.48	1.23	0.151	0.125	2.40	686	637	70	65	0025	—	03	—	12
96.7	117	1.85	1.54	0.189	0.157	2.40	735	686	75	70	0025	—	03	—	15
72.5	87.5	2.47	2.05	0.252	0.209	2.40	785	735	80	75	0025	—	03	—	20
58.0	70.0	3.09	2.56	0.315	0.261	2.40	834	785	85	80	0025	—	03	—	25
48.3	58.3	3.71	3.07	0.378	0.313	2.40	883	834	90	85	0025	—	03	—	30
36.3	43.8	4.95	4.10	0.504	0.418	2.40	981	932	100	95	0025	—	03	—	40
29.0	35.0	6.18	5.12	0.630	0.522	2.40	1080	1030	110	105	0025	—	03	—	50
24.2	29.2	7.42	6.15	0.756	0.627	2.40	1080	1080	110	110	0025	—	03	—	60
18.1	21.9	9.89	8.20	1.01	0.836	2.40	1080	1080	110	110	0025	—	03	—	80
14.5	17.5	12.4	10.2	1.26	1.04	2.40	1080	1080	110	110	0025	—	03	—	100
12.1	14.6	14.8	12.3	1.51	1.25	2.00	1080	1080	110	110	0025	—	03	—	120
9.06	10.9	19.8	16.4	2.02	1.67	1.50	1080	1080	110	110	0025	—	03	—	160
7.25	8.75	24.7	20.5	2.52	2.09	1.20	1080	1080	110	110	0025	—	03	—	200
6.04	7.29	29.7	24.6	3.03	2.51	1.00	1080	1080	110	110	0025	—	03	—	240

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

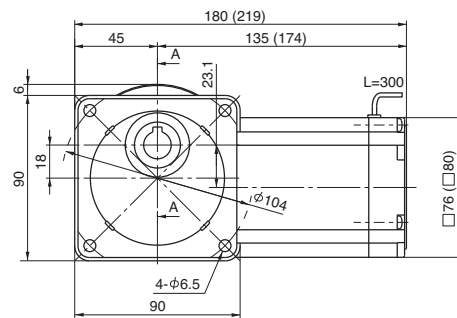
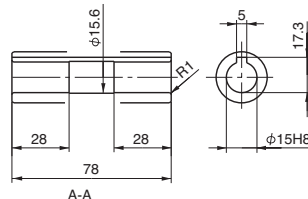
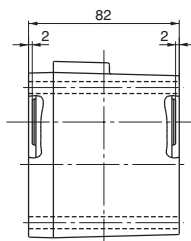
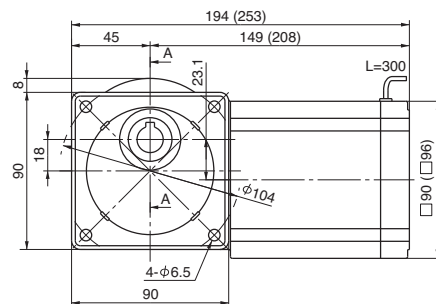
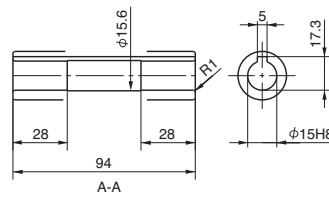
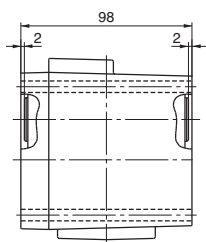
Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	1.12	0.929	0.114	0.095	1.50	539	490	55	50	004	—	07	—	5
193	233	1.68	1.39	0.171	0.142	1.50	588	539	60	55	004	—	07	—	7.5
145	175	2.24	1.86	0.229	0.189	1.50	637	588	65	60	004	—	07	—	10
121	146	2.69	2.23	0.274	0.227	1.50	686	637	70	65	004	—	07	—	12
96.7	117	3.36	2.79	0.343	0.284	1.50	735	686	75	70	004	—	07	—	15
72.5	87.5	4.48	3.72	0.457	0.379	1.50	785	735	80	75	004	—	07	—	20
58.0	70.0	5.61	4.64	0.572	0.474	1.50	834	785	85	80	004	—	07	—	25
48.3	58.3	6.73	5.57	0.686	0.568	1.50	883	834	90	85	004	—	07	—	30
36.3	43.8	8.97	7.43	0.914	0.758	1.50	981	932	100	95	004	—	07	—	40
29.0	35.0	11.2	9.29	1.14	0.947	1.50	1080	1030	110	105	004	—	07	—	50
24.2	29.2	13.5	11.1	1.37	1.14	1.50	1080	1080	110	110	004	—	07	—	60
18.1	21.9	17.9	14.9	1.83	1.52	1.50	1080	1080	110	110	004	—	07	—	80
14.5	17.5	22.4	18.6	2.29	1.89	1.20	1080	1080	110	110	004	—	07	—	100
12.1	14.6	26.9	22.3	2.74	2.27	1.00	1080	1080	110	110	004	—	07	—	120
9.67	11.7	33.6	27.9	3.43	2.84	1.60	1420	1420	145	145	004	—	17	—	150
7.25	8.75	44.8	37.2	4.57	3.79	1.20	1420	1420	145	145	004	—	17	—	200
6.04	7.29	53.8	44.6	5.49	4.55	1.00	1420	1420	145	145	004	—	17	—	240

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Fig. 1 Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

RNYM004-07-5~120
(RNYM004-07-B-5~120)Mass 2.9kg
(Mass 3.5kg)Fig. 2 RNYM004-17-150~240
(RNYM004-17-B-150~240)Mass 3.7kg
(Mass 4.1kg)

Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz 1450r/min	60Hz 1750r/min
----------------------------	----------------	----------------

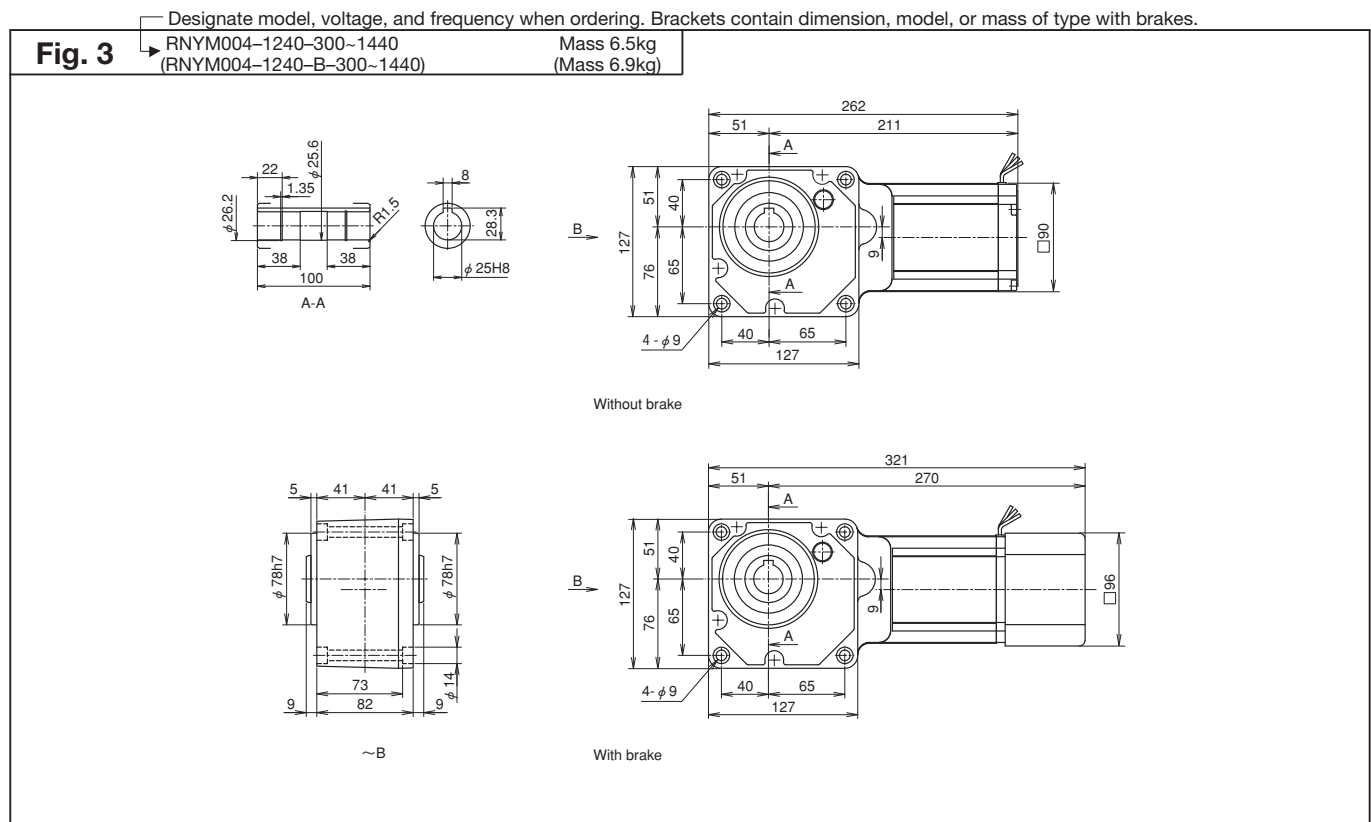
Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
4.83	5.83	63.3	52.5	6.46	5.35	1.55	1810	1810	185	185	004	—1240	—	300
4.03	4.86	76.0	62.9	7.75	6.42	1.29	1810	1810	185	185	004	—1240	—	360
3.02	3.65	98.1	83.9	10.0	8.56	*	1810	1810	185	185	004	—1240	—	480
2.42	2.92	98.1	98.1	10.0	10.0	*	1810	1810	185	185	004	—1240	—	600
2.01	2.43	98.1	98.1	10.0	10.0	*	1810	1810	185	185	004	—1240	—	720
1.61	1.94	98.1	98.1	10.0	10.0	*	1810	1810	185	185	004	—1240	—	900
1.21	1.46	98.1	98.1	10.0	10.0	*	1810	1810	185	185	004	—1240	—	1200
1.01	1.22	98.1	98.1	10.0	10.0	*	1810	1810	185	185	004	—1240	—	1440

Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Hollow Shaft

3-phase



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

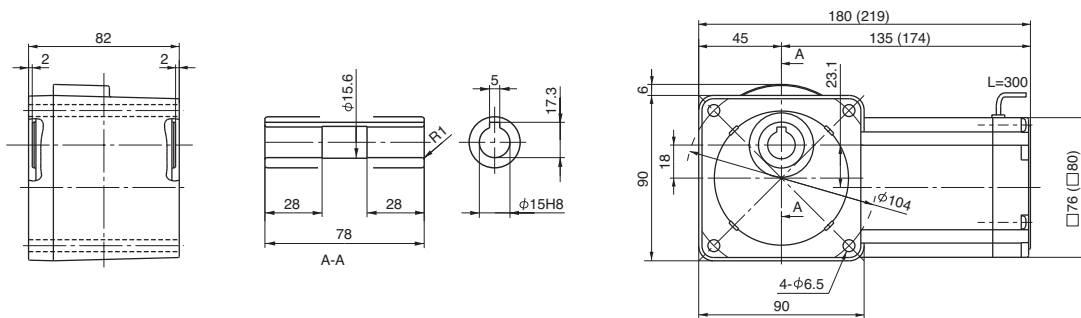
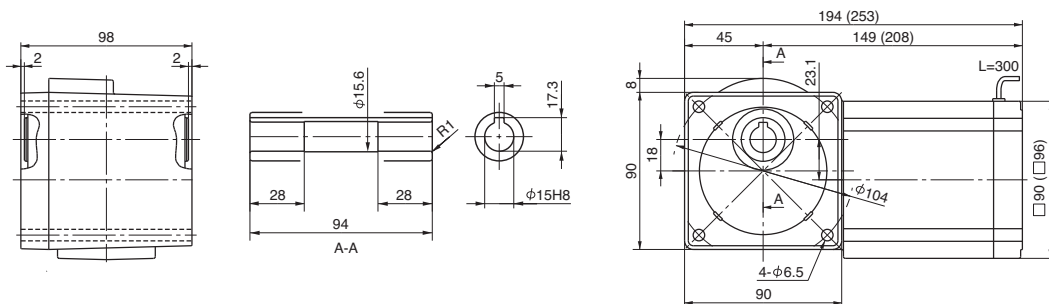
Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		kgf m		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	1.68	1.39	0.171	0.142	1.00	539	490	55	50	006	—	07	—	5
193	233	2.52	2.09	0.257	0.213	1.00	588	539	60	55	006	—	07	—	7.5
145	175	3.36	2.79	0.343	0.284	1.00	637	588	65	60	006	—	07	—	10
121	146	4.04	3.34	0.412	0.341	1.00	686	637	70	65	006	—	07	—	12
96.7	117	5.04	4.18	0.514	0.426	1.00	735	686	75	70	006	—	07	—	15
72.5	87.5	6.73	5.57	0.686	0.568	1.00	785	735	80	75	006	—	07	—	20
58.0	70.0	8.41	6.97	0.857	0.710	1.00	834	785	85	80	006	—	07	—	25
48.3	58.3	10.1	8.36	1.03	0.852	1.00	883	834	90	85	006	—	07	—	30
36.3	43.8	13.5	11.1	1.37	1.14	1.00	981	932	100	95	006	—	07	—	40
29.0	35.0	16.8	13.9	1.71	1.42	1.00	1080	1030	110	105	006	—	07	—	50
24.2	29.2	20.2	16.7	2.06	1.70	1.00	1080	1080	110	110	006	—	07	—	60
18.1	21.9	26.9	22.3	2.74	2.27	1.50	1420	1370	145	140	006	—	17	—	80
14.5	17.5	33.6	27.9	3.43	2.84	1.50	1420	1420	145	145	006	—	17	—	100
12.1	14.6	40.4	33.4	4.12	3.41	1.34	1420	1420	145	145	006	—	17	—	120
9.67	11.7	50.4	41.8	5.14	4.26	1.07	1420	1420	145	145	006	—	17	—	150
7.25	8.75	53.9	53.9	5.50	5.50	*	1420	1420	145	145	006	—	17	—	200
6.04	7.29	53.9	53.9	5.50	5.50	*	1420	1420	145	145	006	—	17	—	240

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 1RNYM006-07-5-60
(RNYM006-07-B-5-60)Mass 2.9kg
(Mass 3.5kg)**Fig. 2**RNYM006-17-80-240
(RNYM006-17-B-80-240)Mass 3.9kg
(Mass 4.3kg)

Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed	n_1	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
4.83	5.83	95.0	78.7	9.68	8.02	1.03	1810	1810	185	185	006	—1240	— 300	3
4.03	4.86	98.1	94.4	10.0	9.63	*	1810	1810	185	185	006	—1240	— 360	
3.02	3.65	98.1	98.1	10.0	10.0	*	1810	1810	185	185	006	—1240	— 480	
2.42	2.92	98.1	98.1	10.0	10.0	*	1810	1810	185	185	006	—1240	— 600	
2.01	2.43	98.1	98.1	10.0	10.0	*	1810	1810	185	185	006	—1240	— 720	
1.61	1.94	98.1	98.1	10.0	10.0	*	1810	1810	185	185	006	—1240	— 900	
1.21	1.46	98.1	98.1	10.0	10.0	*	1810	1810	185	185	006	—1240	— 1200	
1.01	1.22	98.1	98.1	10.0	10.0	*	1810	1810	185	185	006	—1240	— 1440	

Notes : 1. Motor slippage may affect n_1 and n_2 .

1. Motor slippage may affect m and n .
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

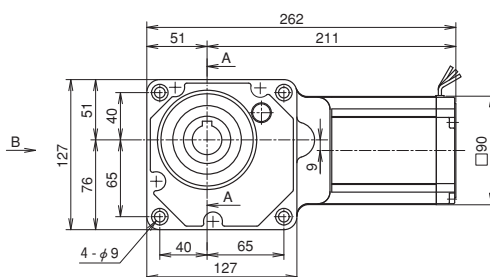
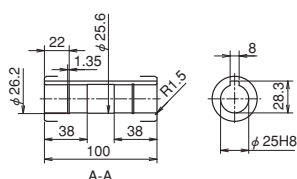
3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Fig. 3

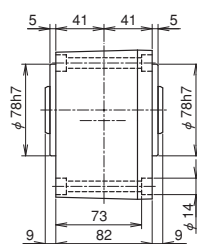
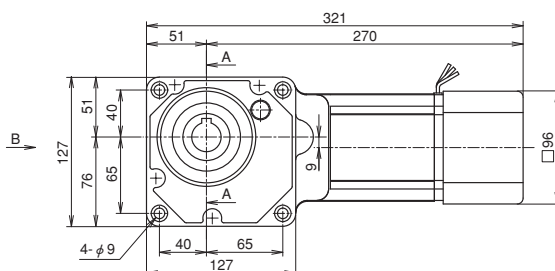
- Designate model, voltage, and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

NYM006-1240-300~1440
(NYM006-1240-B-300~1440)

Mass 6.7kg
(Mass 7.1kg)



Without brake

 $\sim B$ 

With brake

Notes: 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

Output speed n_2 r/min		Output Torque T_{out}				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	2.52	2.09	0.257	0.213	1.00	637	588	65	60	009	—	17	—	5
193	233	3.78	3.13	0.386	0.320	1.00	686	637	70	65	009	—	17	—	7.5
145	175	5.04	4.18	0.514	0.426	1.00	785	735	80	75	009	—	17	—	10
121	146	6.05	5.02	0.617	0.511	1.00	834	785	85	80	009	—	17	—	12
96.7	117	7.57	6.27	0.772	0.639	1.00	883	834	90	85	009	—	17	—	15
72.5	87.5	10.1	8.36	1.03	0.852	1.00	981	932	100	95	009	—	17	—	20
58.0	70.0	12.6	10.4	1.29	1.07	1.00	1030	981	105	100	009	—	17	—	25
48.3	58.3	15.1	12.5	1.54	1.28	1.00	1080	1030	110	105	009	—	17	—	30
36.3	43.8	20.2	16.7	2.06	1.70	1.00	1180	1130	120	115	009	—	17	—	40
29.0	35.0	25.2	20.9	2.57	2.13	1.00	1270	1230	130	125	009	—	17	—	50
24.2	29.2	30.3	25.1	3.09	2.56	1.00	1320	1270	135	130	009	—	17	—	60
18.1	21.9	40.4	33.4	4.12	3.41	1.00	1420	1370	145	140	009	—	17	—	80
14.5	17.5	50.4	41.8	5.14	4.26	1.00	1420	1420	145	145	009	—	17	—	100
12.1	14.6	53.9	50.2	5.50	5.11	*	1420	1420	145	145	009	—	17	—	120
9.67	11.7	53.9	53.9	5.50	5.50	*	1420	1420	145	145	009	—	17	—	150
7.25	8.75	53.9	53.9	5.50	5.50	*	1420	1420	145	145	009	—	17	—	200
6.04	7.29	53.9	53.9	5.50	5.50	*	1420	1420	145	145	009	—	17	—	240

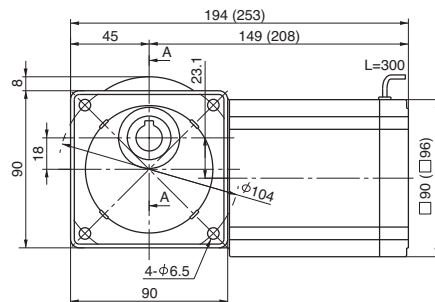
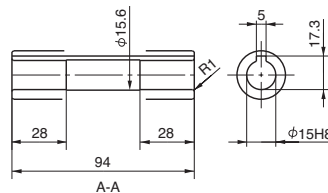
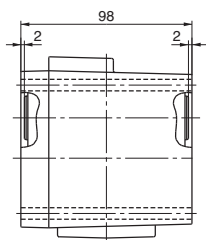
Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Fig. 1

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

RNYM009-17-5-240
(RNYM009-17-B-5-240)Mass 4.2kg
(Mass 4.6kg)

Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
							50Hz	60Hz	50Hz	60Hz				
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
4.83	5.83	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 300	2
4.03	4.86	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 360	
3.02	3.65	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 480	
2.42	2.92	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 600	
2.01	2.43	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 720	
1.61	1.94	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 900	
1.21	1.46	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 1200	
1.01	1.22	98.1	98.1	10.0	10.0	*	1810	1810	185	185	009	— 1240	— 1440	

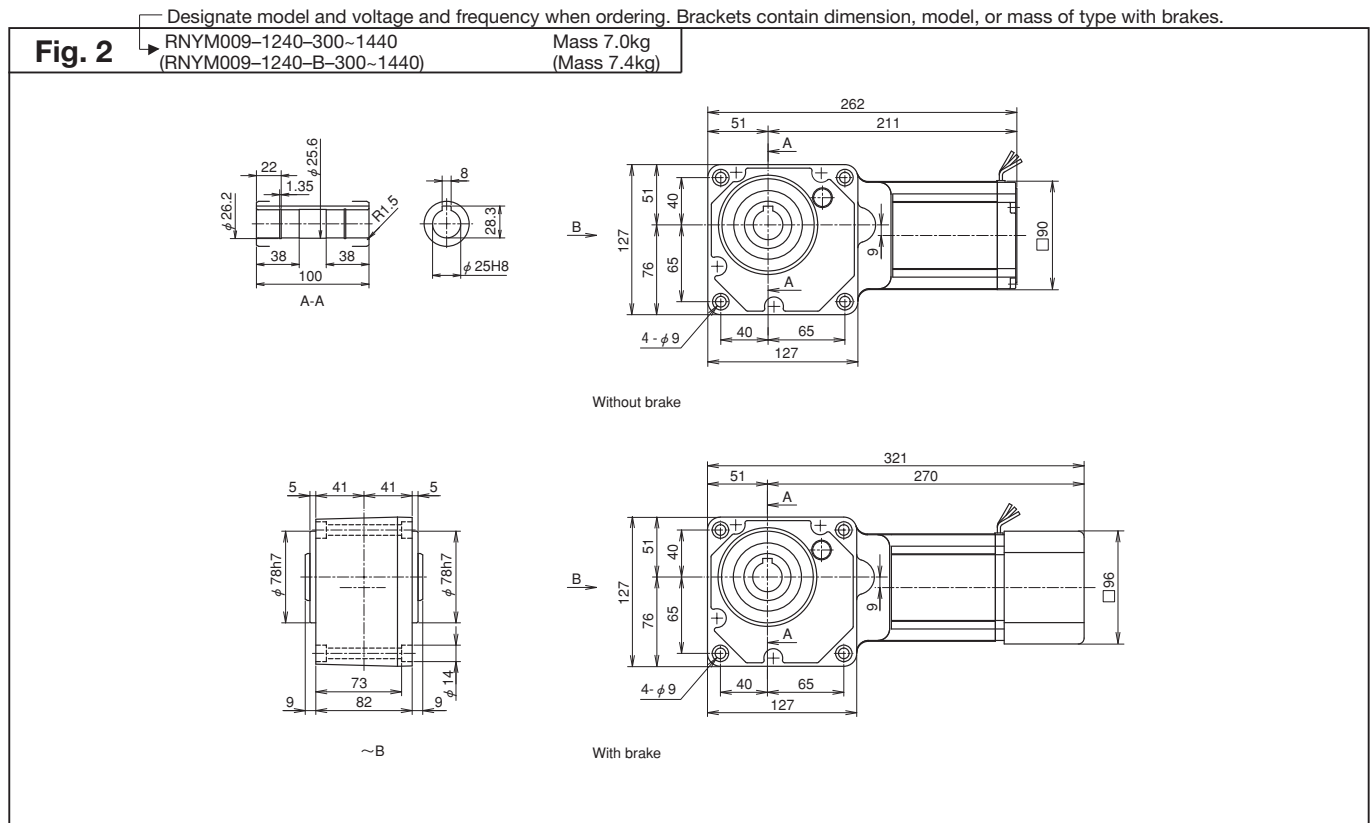
Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Hollow Shaft

3-phase



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	2.80	2.32	0.286	0.237	2.00	539	490	55	50	01 —	1010	—	5	1
						2.00	637	588	65	60	01 —	1120	—	5	2
207	250	3.92	3.25	0.400	0.332	2.00	588	539	60	55	01 —	1010	—	7	1
						2.00	686	637	70	65	01 —	1120	—	7	2
145	175	5.61	4.64	0.572	0.474	1.00	637	588	65	60	01 —	1010	—	10	1
						2.00	785	735	80	75	01 —	1120	—	10	2
121	146	6.73	5.57	0.686	0.568	2.00	834	785	85	80	01 —	1120	—	12	2
96.7	117	8.41	6.97	0.857	0.710	2.00	883	834	90	85	01 —	1120	—	15	
72.5	87.5	11.2	9.29	1.14	0.947	2.00	981	932	100	95	01 —	1120	—	20	
58.0	70.0	14.0	11.6	1.43	1.18	2.00	1030	981	105	100	01 —	1120	—	25	
48.3	58.3	16.8	13.9	1.71	1.42	2.00	1080	1030	110	105	01 —	1120	—	30	
36.3	43.8	22.4	18.6	2.29	1.89	1.00	1180	1130	120	115	01 —	1120	—	40	
						2.00	1620	1570	165	160	01 —	1220	—	40	3
29.0	35.0	28.0	23.2	2.86	2.37	1.00	1270	1230	130	125	01 —	1120	—	50	2
						2.00	1720	1670	175	170	01 —	1220	—	50	3
24.2	29.2	33.6	27.9	3.43	2.84	1.00	1320	1270	135	130	01 —	1120	—	60	2
						2.00	1770	1720	180	175	01 —	1220	—	60	3

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 1

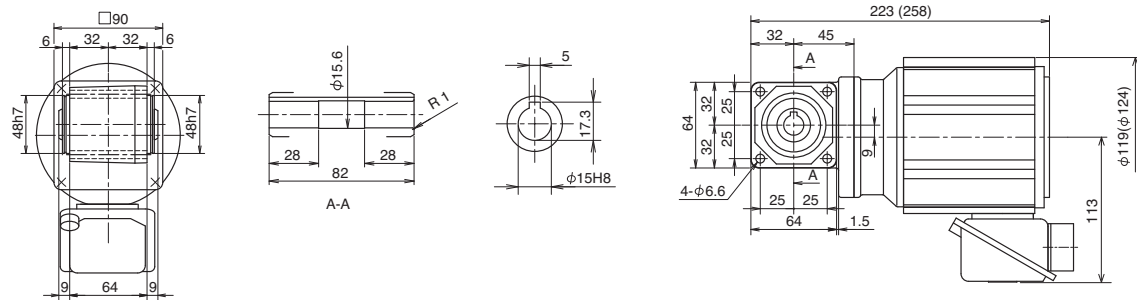
RNYM01-1010-5~10
(RNYM01-1010-B-5~10)Mass 5.0kg
(Mass 6.5kg)

Fig. 2

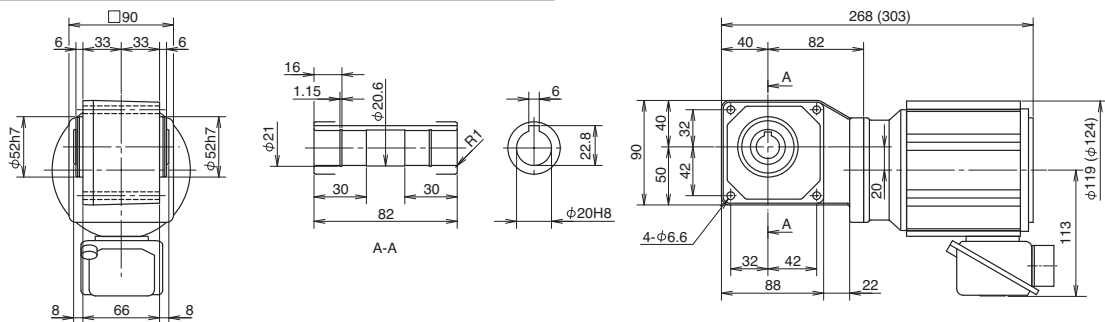
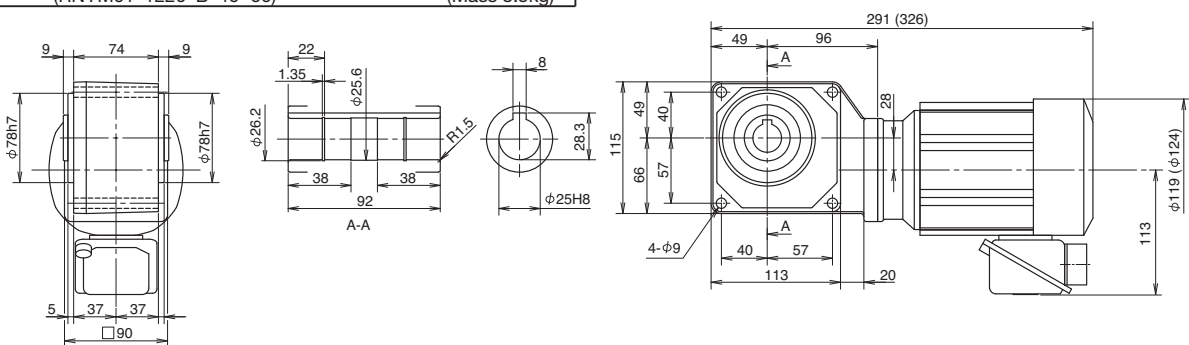
RNYM01-1120-5~60
(RNYM01-1120-B-5~60)Mass 6.0kg
(Mass 7.5kg)

Fig. 3

RNYM01-1220-40~60
(RNYM01-1220-B-40~60)Mass 7.0kg
(Mass 8.5kg)

Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in

3. Dimensions and Masses in the drawings are subject to change without notice.

0.1kW 3-phase Motor



0.1
kW

RNYM Series Hollow Shaft Type

Motor Speed	n ₁	50Hz	1450r/min
	n ₂	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
18.1	21.9	44.8	37.2	4.57	3.79	1.00	1770	1770	180	180	01 —	1230 —	80	4
						2.00	3040	2940	310	300	01 —	1330 —	80	5
14.5	17.5	56.1	46.4	5.72	4.74	1.00	1810	1770	185	180	01 —	1230 —	100	4
						2.00	3090	3040	315	310	01 —	1330 —	100	5
12.1	14.6	67.3	55.7	6.86	5.68	1.00	1810	1810	185	185	01 —	1230 —	120	4
						2.00	3090	3090	315	315	01 —	1330 —	120	5
9.67	11.7	84.1	69.7	8.57	7.10	1.00	1810	1810	185	185	01 —	1230 —	150	4
						2.00	3090	3090	315	315	01 —	1330 —	150	5
7.25	8.75	98.1	92.9	10.0	9.47	*	1810	1810	185	185	01 —	1230 —	200	4
		112	92.9	11.4	9.47	1.74	3090	3090	315	315	01 —	1330 —	200	5
6.04	7.29	98.1	98.1	10.0	10.0	*	1810	1810	185	185	01 —	1230 —	240	4
		135	111	13.7	11.4	1.45	3090	3090	315	315	01 —	1330 —	240	5

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Fig. 4 Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.
RNYM01-1230-80~240 Mass 7.5kg
(RNYM01-1230-B-80~840) (Mass 9.0kg)

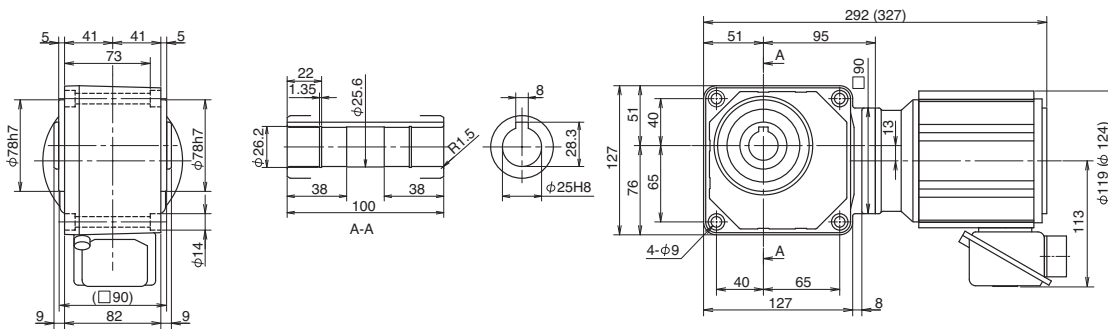
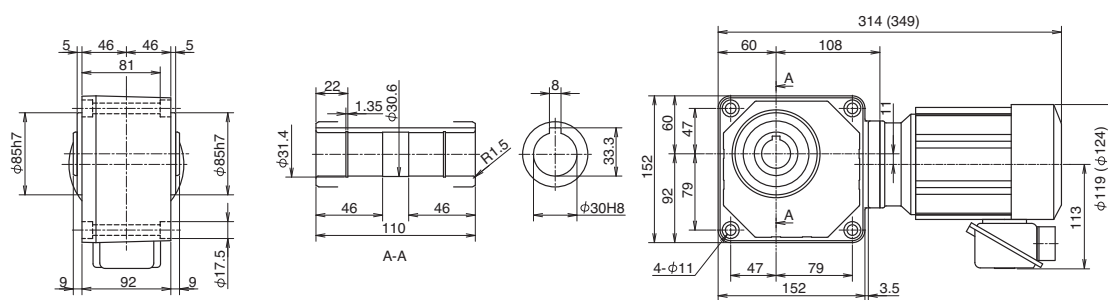


Fig. 5 RNYM01-1330-80~240 Mass 9.0kg
(RNYM01-1330-B-80~840) (Mass 10kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

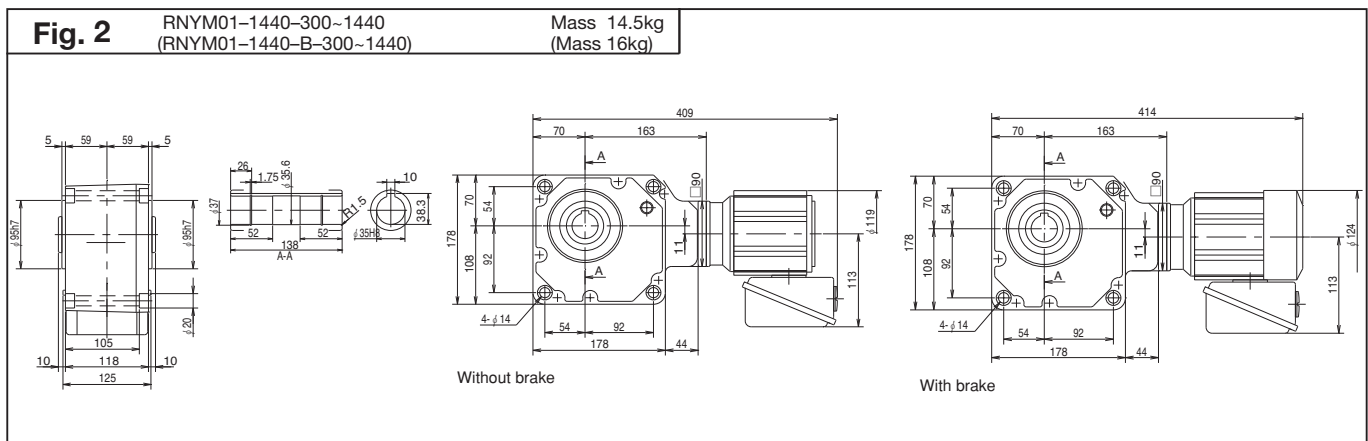
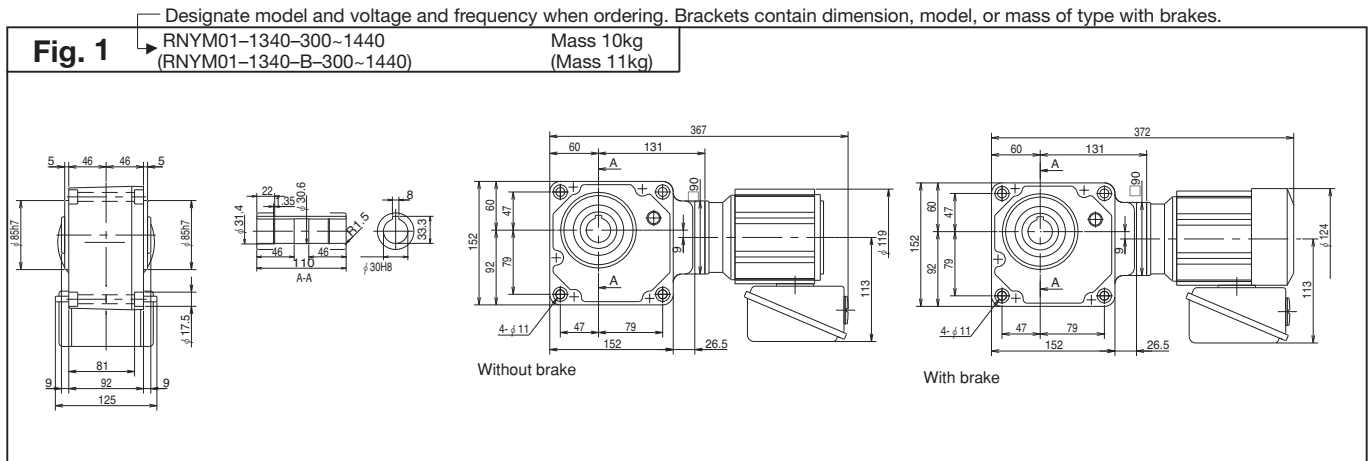
Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
4.83	5.83	158	131	16.1	13.4	1.00	3090	3090	315	315	01	—1340	—300	1
						2.00	4360	4360	445	445	01	—1440	—300	2
4.03	4.86	190	157	19.4	16.0	1.00	3090	3090	315	315	01	—1340	—360	1
						2.00	4360	4360	445	445	01	—1440	—360	2
3.02	3.65	195	195	19.9	19.9	*	3090	3090	315	315	01	—1340	—480	1
		253	210	25.8	21.4	1.54	4360	4360	445	445	01	—1440	—480	2
2.42	2.92	195	195	19.9	19.9	*	3090	3090	315	315	01	—1340	—600	1
		317	262	32.3	26.7	1.23	4360	4360	445	445	01	—1440	—600	2
2.01	2.43	195	195	19.9	19.9	*	3090	3090	315	315	01	—1340	—720	1
		380	315	38.7	32.1	1.03	4360	4360	445	445	01	—1440	—720	2
1.61	1.94	195	195	19.9	19.9	*	3090	3090	315	315	01	—1340	—900	1
		390	390	39.8	39.8	*	4360	4360	445	445	01	—1440	—900	2
1.21	1.46	195	195	19.9	19.9	*	3090	3090	315	315	01	—1340	—1200	1
		390	390	39.8	39.8	*	4360	4360	445	445	01	—1440	—1200	2
1.01	1.22	195	195	19.9	19.9	*	3090	3090	315	315	01	—1340	—1440	1
		390	390	39.8	39.8	*	4360	4360	445	445	01	—1440	—1440	2

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and masses in the drawings are subject to change without notice.



0.2kW 3-phase Motor



0.2

kW

RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	5.61	4.64	0.572	0.474	2.00	637	588	65	60	02 —	1110	—	5	3
						1.00	637	588	65	60	02 —	1120	—	5	4
						2.00	883	834	90	85	02 —	1220	—	5	5
207	250	7.85	6.50	0.800	0.663	2.00	686	637	70	65	02 —	1110	—	7	3
						1.00	686	637	70	65	02 —	1120	—	7	4
						2.00	981	932	100	95	02 —	1220	—	7	5
145	175	11.2	9.29	1.14	0.947	1.00	785	735	80	75	02 —	1110	—	10	3
						1.00	785	735	80	75	02 —	1120	—	10	4
						2.00	1080	1030	110	105	02 —	1220	—	10	5

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Fig. 3

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

RNYM02-1110-5~10
(RNYM02-1110-B-5~10)

Mass 6.0kg
(Mass 7.5kg)

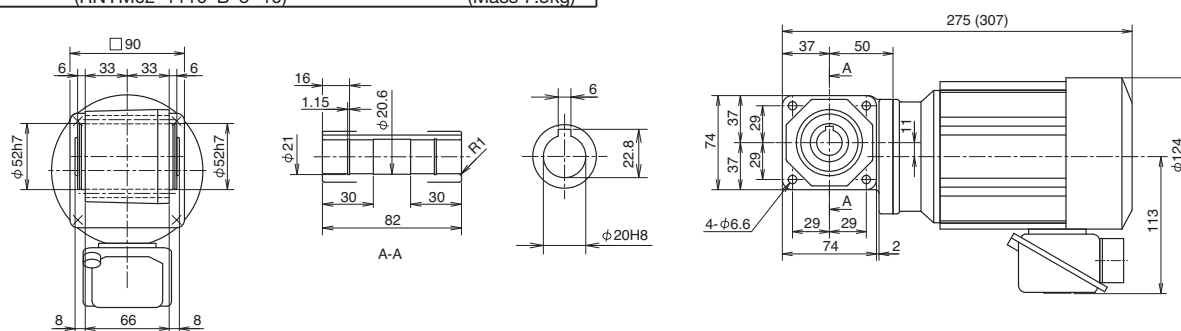


Fig. 4

RNYM02-1120-5~10
(RNYM02-1120-B-5~10)

Mass 7.0kg
(Mass 8.5kg)

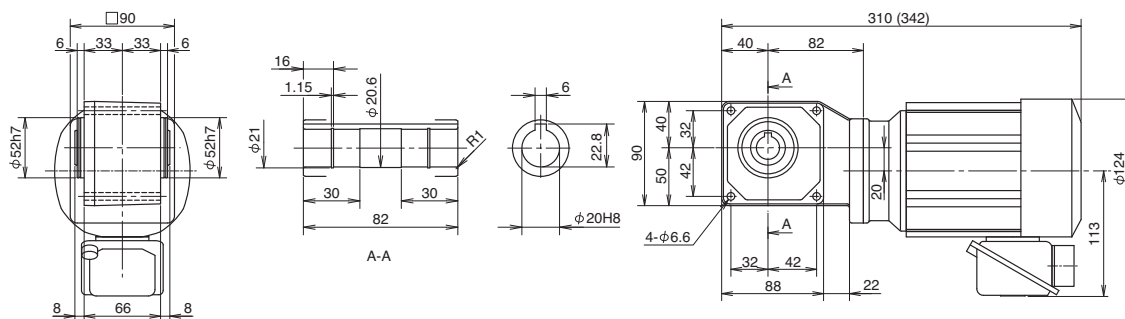
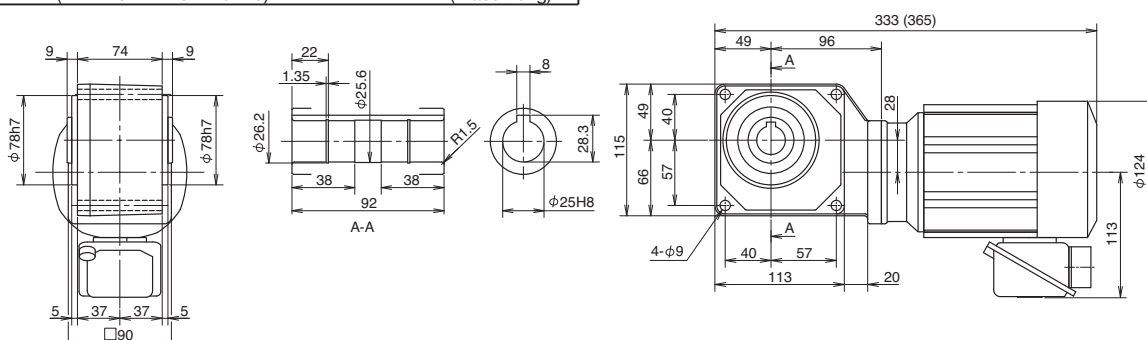


Fig. 5

RNYM02-1220-5~10
(RNYM02-1220-B-5~10)

Mass 8.5kg
(Mass 10kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



0.2kW 3-phase Motor



0.2
kW

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
18.1	21.9	89.7	74.3	9.14	7.58	1.00	3040	2940	310	300	02 —	1330	— 80	4
						2.00	4360	4270	445	435	02 —	1430	— 80	5
14.5	17.5	112	92.9	11.4	9.47	1.00	3090	3040	315	310	02 —	1330	— 100	4
						2.00	4360	4360	445	445	02 —	1430	— 100	5
12.1	14.6	135	111	13.7	11.4	1.00	3090	3090	315	315	02 —	1330	— 120	4
						2.00	4360	4360	445	445	02 —	1430	— 120	5
9.67	11.7	168	139	17.1	14.2	1.00	3090	3090	315	315	02 —	1330	— 150	4
						2.00	4360	4360	445	445	02 —	1430	— 150	5
7.25	8.75	195	186	19.9	18.9	*	3090	3090	315	315	02 —	1330	— 200	4
		224	186	22.9	18.9	1.74	4360	4360	445	445	02 —	1430	— 200	5
6.04	7.29	195	195	19.9	19.9	*	3090	3090	315	315	02 —	1330	— 240	4
		269	223	27.4	22.7	1.45	4360	4360	445	445	02 —	1430	— 240	5

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Fig. 4 Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.
RNYM02-1330-80~240 Mass 10kg
(RNYM02-1330-B-80~240) (Mass 11kg)

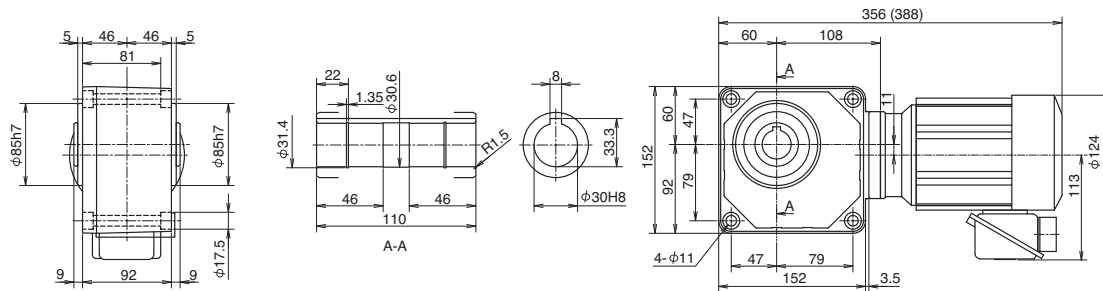
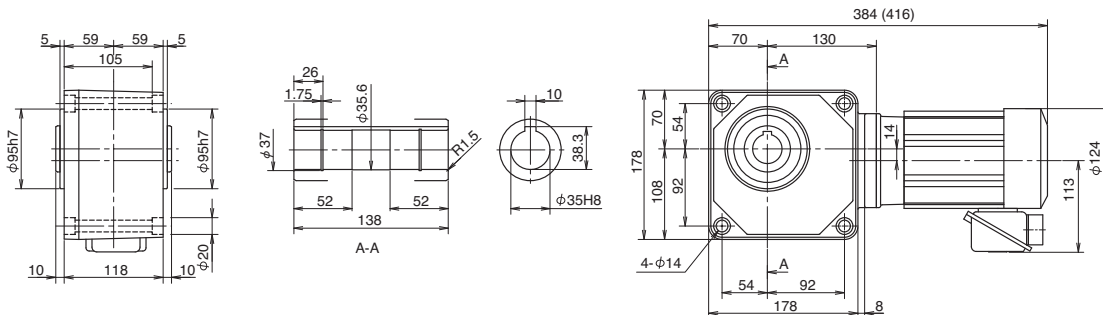


Fig. 5 RNYM02-1430-80~240 Mass 15kg
(RNYM02-1430-B-80~240) (Mass 16kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

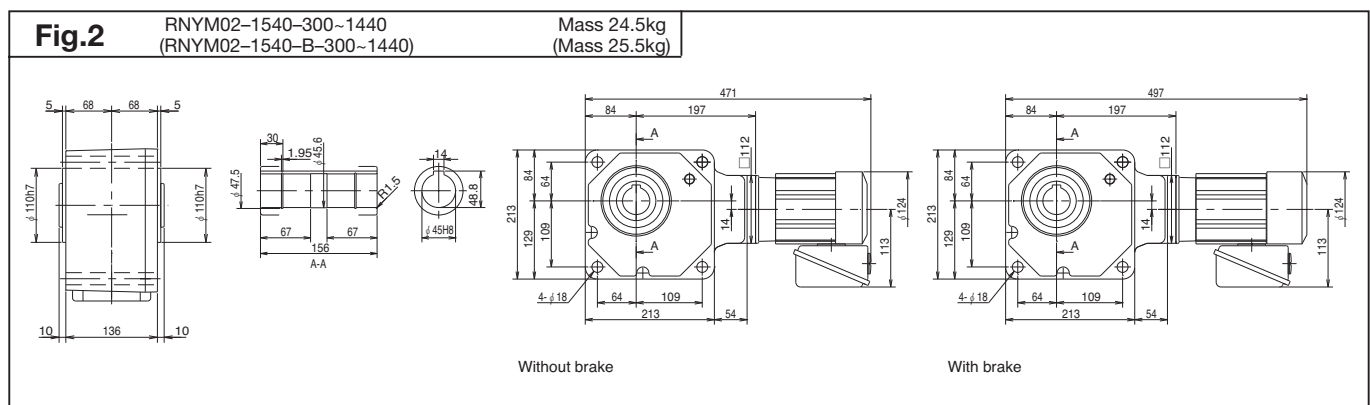
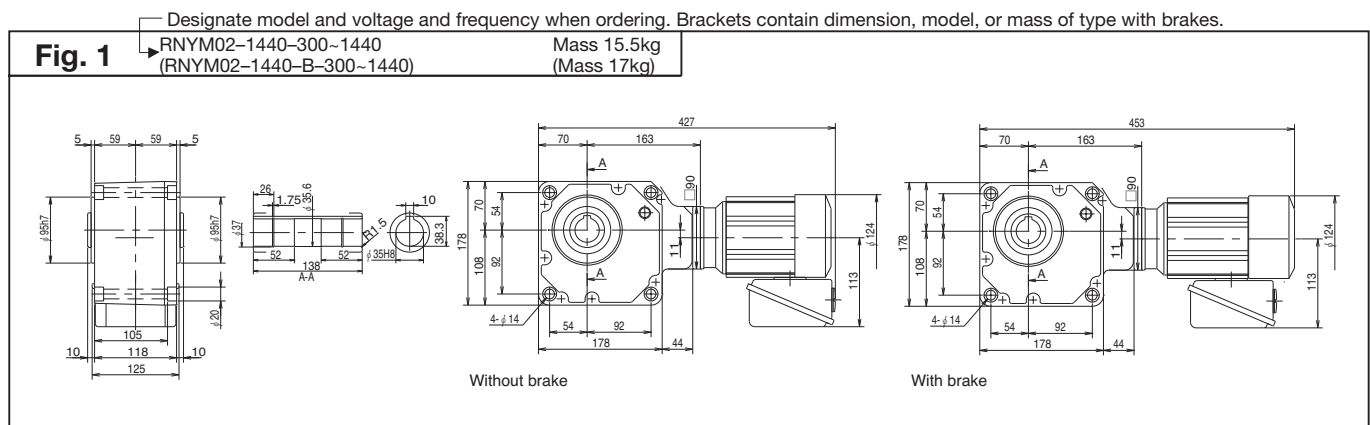
Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
4.83	5.83	317	262	32.3	26.7	1.00	4360	4360	445	445	02 — 1440 — 300	1		
						2.00	6230	6230	635	635	02 — 1540 — 300	2		
4.03	4.86	380	315	38.7	32.1	1.00	4360	4360	445	445	02 — 1440 — 360	1		
						1.93	6230	6230	635	635	02 — 1540 — 360	2		
3.02	3.65	390	390	39.8	39.8	*	4360	4360	445	445	02 — 1440 — 480	1		
		506	420	51.6	42.8	1.44	6230	6230	635	635	02 — 1540 — 480	2		
2.42	2.92	390	390	39.8	39.8	*	4360	4360	445	445	02 — 1440 — 600	1		
		633	525	64.6	53.5	1.16	6230	6230	635	635	02 — 1540 — 600	2		
2.01	2.43	390	390	39.8	39.8	*	4360	4360	445	445	02 — 1440 — 720	1		
		732	629	74.6	64.2	*	6230	6230	635	635	02 — 1540 — 720	2		
1.61	1.94	390	390	39.8	39.8	*	4360	4360	445	445	02 — 1440 — 900	1		
		732	732	74.6	74.6	*	6230	6230	635	635	02 — 1540 — 900	2		
1.21	1.46	390	390	39.8	39.8	*	4360	4360	445	445	02 — 1440 — 1200	1		
		732	732	74.6	74.6	*	6230	6230	635	635	02 — 1540 — 1200	2		
1.01	1.22	390	390	39.8	39.8	*	4360	4360	445	445	02 — 1440 — 1440	1		
		732	732	74.6	74.6	*	6230	6230	635	635	02 — 1540 — 1440	2		

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and masses in the drawings are subject to change without notice.



0.25kW 3-phase Motor



0.25
kW

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
290	350	7.01	5.81	0.714	0.592	3.20 1.60	883	834	90	85	03 — 1210	— 5	3	
											03 — 1220	— 5	4	
207	250	9.81	8.13	1.00	0.829	3.20 1.60	981	932	100	95	03 — 1210	— 7	3	
											03 — 1220	— 7	4	
145	175	14.0	11.6	1.43	1.18	1.60 1.60	1080	1030	110	105	03 — 1210	— 10	3	
											03 — 1220	— 10	4	
121	146	16.8	13.9	1.71	1.42	1.60	1130	1080	115	110	03 — 1220	— 12	4	
96.7	117	21.0	17.4	2.14	1.78	1.60	1230	1180	125	120	03 — 1220	— 15		
72.5	87.5	28.0	23.2	2.86	2.37	1.60	1370	1320	140	135	03 — 1220	— 20		
58.0	70.0	35.0	29.0	3.57	2.96	1.60	1470	1370	150	140	03 — 1220	— 25		
48.3	58.3	42.0	34.8	4.29	3.55	1.60	1520	1470	155	150	03 — 1220	— 30	5	
36.3	43.8	56.1	46.4	5.72	4.74	1.60	2650	2550	270	260	03 — 1320	— 40		
29.0	35.0	70.1	58.1	7.14	5.92	1.60	2840	2750	290	280	03 — 1320	— 50		
24.2	29.2	84.1	69.7	8.57	7.10	1.60	2940	2840	300	290	03 — 1320	— 60		

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 3

RNYM03-1210-5~10
(RNYM03-1210-B-5~10)

Mass 9.0kg
(Mass 10kg)

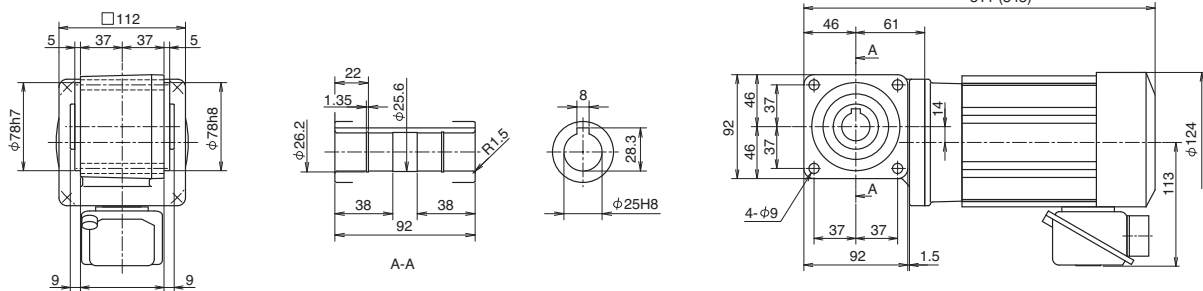


Fig. 4

RNYM03-1220-5~30
(RNYM03-1220-B-5~30)

Mass 9.5kg
(Mass 11kg)

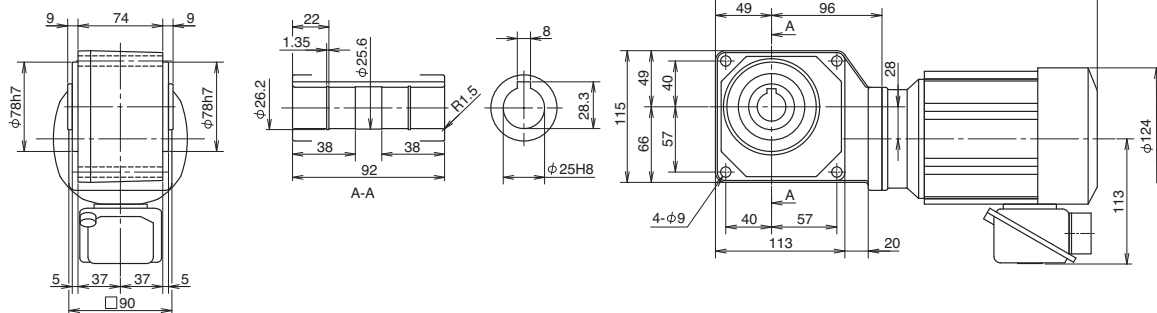
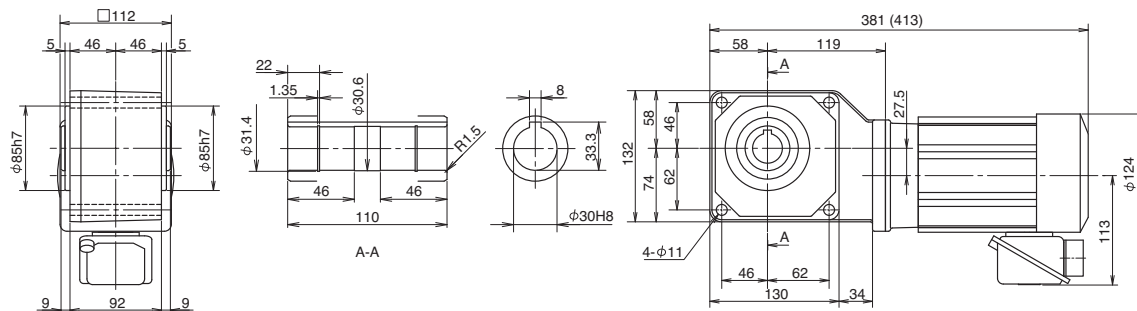


Fig. 5

RNYM03-1320-40~60
(RNYM03-1320-B-40~60)

Mass 11kg
(Mass 13kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.

Hollow Shaft

3-phase

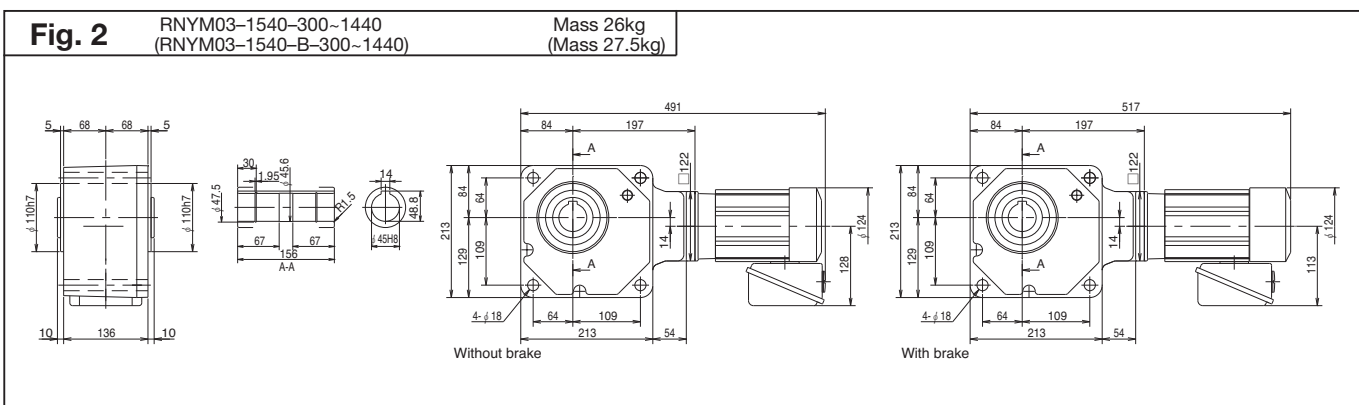
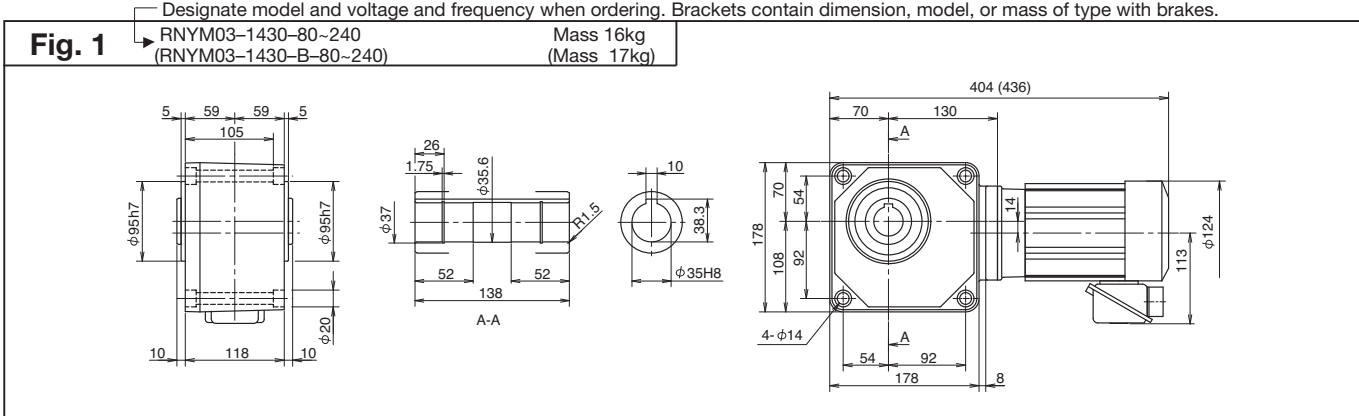
0.25kW 3-phase Motor

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
							50Hz	60Hz	50Hz	60Hz						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
18.1	21.9	112	92.9	11.4	9.47	1.60	4360	4270	445	435	03	—	1430	—	80	1
14.5	17.5	140	116	14.3	11.8	1.60	4360	4360	445	445	03	—	1430	—	100	
12.1	14.6	168	139	17.1	14.2	1.60	4360	4360	445	445	03	—	1430	—	120	
9.67	11.7	210	174	21.4	17.8	1.60	4360	4360	445	445	03	—	1430	—	150	
7.25	8.75	280	232	28.6	23.7	1.39	4360	4360	445	445	03	—	1430	—	200	
6.04	7.29	336	279	34.3	28.4	1.16	4360	4360	445	445	03	—	1430	—	240	
4.83	5.83	396	328	40.3	33.4	1.60	6230	6230	635	635	03	—	1540	—	300	2
4.03	4.86	475	393	48.4	40.1	1.54	6230	6230	635	635	03	—	1540	—	360	
3.02	3.65	633	525	64.6	53.5	1.16	6230	6230	635	635	03	—	1540	—	480	
2.42	2.92	732	656	74.6	66.9	*	6230	6230	635	635	03	—	1540	—	600	
2.01	2.43	732	732	74.6	74.6	*	6230	6230	635	635	03	—	1540	—	720	
1.61	1.94	732	732	74.6	74.6	*	6230	6230	635	635	03	—	1540	—	900	
1.21	1.46	732	732	74.6	74.6	*	6230	6230	635	635	03	—	1540	—	1200	
1.01	1.22	732	732	74.6	74.6	*	6230	6230	635	635	03	—	1540	—	1440	

Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.
3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).
3. Dimensions and Masses in the drawings are subject to change without notice.

Sumitomo Drive Technologies

HYPONIC DRIVE GEAR MOTOR

RNYM Hollow Shaft type

Sumitomo Drive Technologies

HYPONIC DRIVE

www.sumitomo.co.jp

www.hipower89.com

0.4kW 3-phase Motor



0.4

kW

RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	11.2	9.29	1.14	0.947	2.00	883	834	90	85	05 —	1210	—	5	3
						1.00	883	834	90	85	05 —	1220	—	5	4
						2.00	1470	1370	150	140	05 —	1320	—	5	5
207	250	15.7	13.0	1.60	1.33	2.00	981	932	100	95	05 —	1210	—	7	3
						1.00	981	932	100	95	05 —	1220	—	7	4
						2.00	1670	1570	170	160	05 —	1320	—	7	5
145	175	22.4	18.6	2.29	1.89	1.00	1080	1030	110	105	05 —	1210	—	10	3
						1.00	1080	1030	110	105	05 —	1220	—	10	4
						2.00	1810	1720	185	175	05 —	1320	—	10	5

Notes : 1. Motor slippage may affect n_1 and n_2 .
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 3

RNYM05-1210-5~10
(RNYM05-1210-B-5~10)

Mass 9kg
(Mass 10kg)

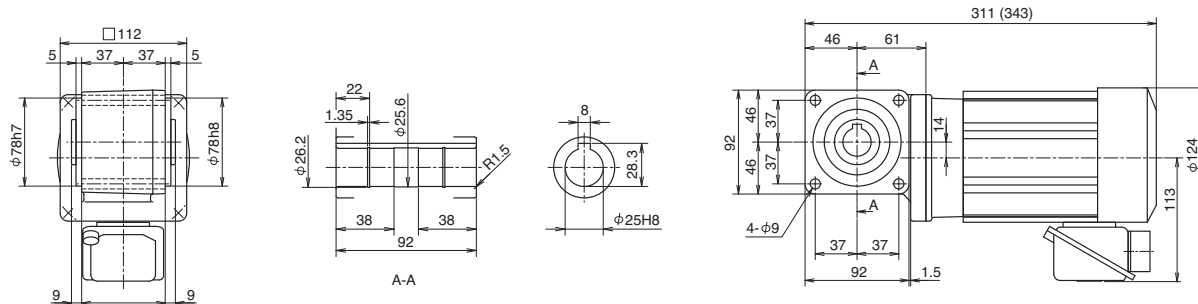


Fig. 4

RNYM05-1220-5~10
(RNYM05-1220-B-5~10)

Mass 9.5kg
(Mass 11kg)

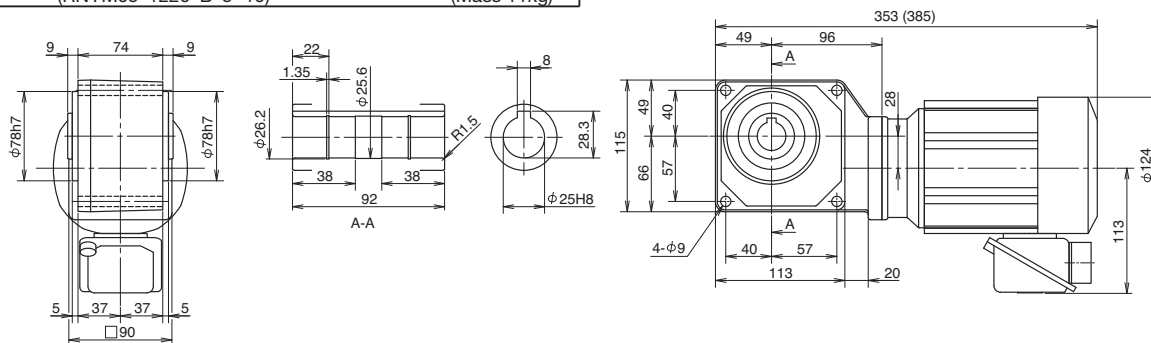
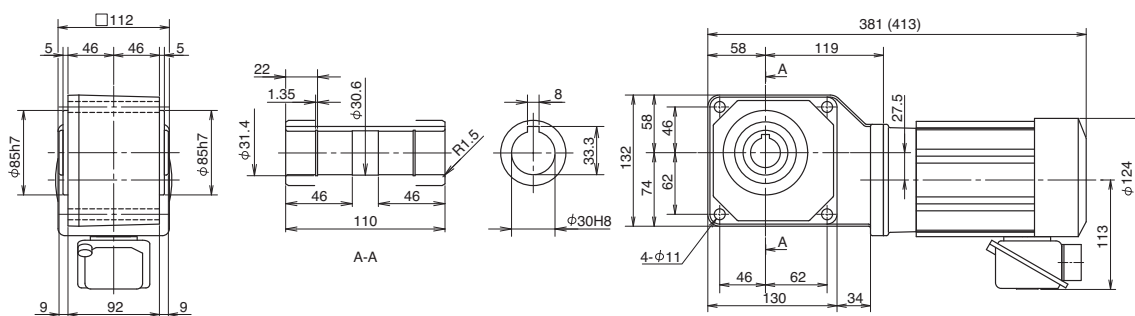


Fig. 5

RNYM05-1320-5~10
(RNYM05-1320-B-5~10)

Mass 11kg
(Mass 13kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
121	146	26.9	22.3	2.74	2.27	1.00	1130	1080	115	110	05 —	1220	—	12	1
						2.00	1910	1810	195	185	05 —	1320	—	12	2
96.7	117	33.6	27.9	3.43	2.84	1.00	1230	1180	125	120	05 —	1220	—	15	1
						2.00	2060	1960	210	200	05 —	1320	—	15	2
72.5	87.5	44.8	37.2	4.57	3.79	1.00	1370	1320	140	135	05 —	1220	—	20	1
						2.00	2260	2160	230	220	05 —	1320	—	20	2
58.0	70.0	56.1	46.4	5.72	4.74	1.00	1470	1370	150	140	05 —	1220	—	25	1
						2.00	2350	2260	240	230	05 —	1320	—	25	2
48.3	58.3	67.3	55.7	6.86	5.68	1.00	1520	1470	155	150	05 —	1220	—	30	1
						2.00	2450	2350	250	240	05 —	1320	—	30	2
36.3	43.8	89.7	74.3	9.14	7.58	1.00	2650	2550	270	260	05 —	1320	—	40	2
						2.00	3970	3820	405	390	05 —	1420	—	40	3
29.0	35.0	112	92.9	11.4	9.47	1.00	2840	2750	290	280	05 —	1320	—	50	2
						2.00	4170	4020	425	410	05 —	1420	—	50	3
24.2	29.2	135	111	13.7	11.4	1.00	2940	2840	300	290	05 —	1320	—	60	2
						2.00	4310	4170	440	425	05 —	1420	—	60	3

Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 1

RNYM05-1220-12~30
(RNYM05-1220-B-12~30)

Mass 9.5kg
(Mass 11kg)

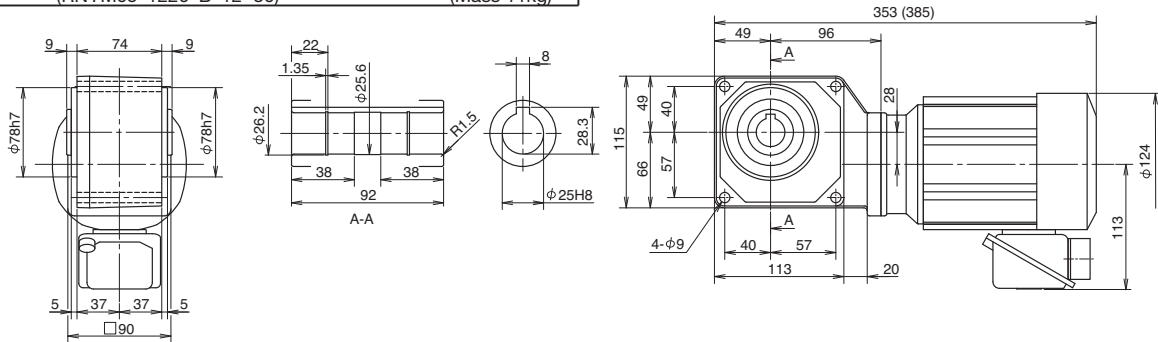


Fig. 2

RNYM05-1320-12~60
(RNYM05-1320-B-12~60)

Mass 11kg
(Mass 13kg)

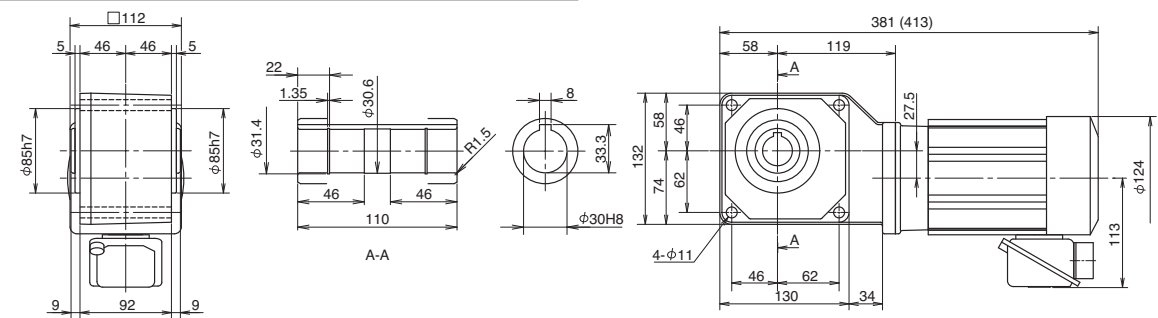
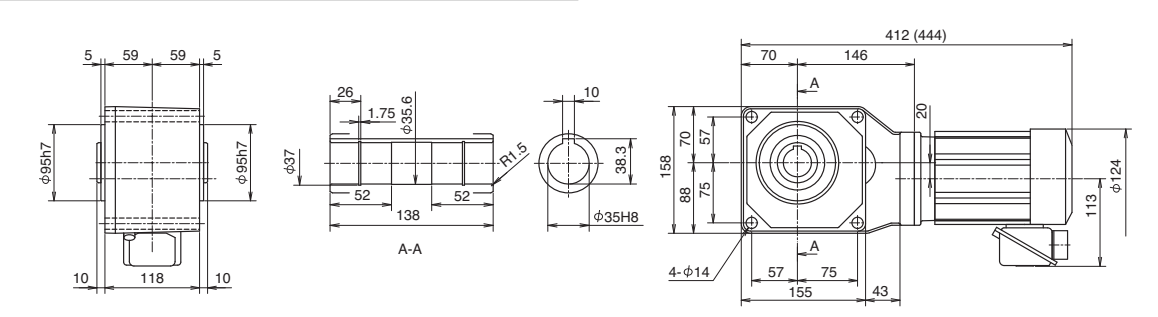


Fig. 3

RNYM05-1420-40~60
(RNYM05-1420-B-40~60)

Mass 15kg
(Mass 16kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
3. Dimensions and Masses in the drawings are subject to change without notice.

0.4kW 3-phase Motor



0.4

kW

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
18.1	21.9	179	149	18.3	15.2	1.00	4360	4270	445	435	05 —	1430	—	80	4
						2.00	6230	6130	635	625	05 —	1530	—	80	5
14.5	17.5	224	186	22.9	18.9	1.00	4360	4360	445	445	05 —	1430	—	100	4
						2.00	6230	6230	635	635	05 —	1530	—	100	5
12.1	14.6	269	223	27.4	22.7	1.00	4360	4360	445	445	05 —	1430	—	120	4
						2.00	6230	6230	635	635	05 —	1530	—	120	5
9.67	11.7	336	279	34.3	28.4	1.00	4360	4360	445	445	05 —	1430	—	150	4
						2.00	6230	6230	635	635	05 —	1530	—	150	5
7.25	8.75	390	372	39.8	37.9	*	4360	4360	445	445	05 —	1430	—	200	4
		448	372	45.7	37.9	1.63	6230	6230	635	635	05 —	1530	—	200	5
6.04	7.29	390	390	39.8	39.8	*	4360	4360	445	445	05 —	1430	—	240	4
		538	446	54.9	45.5	1.36	6230	6230	635	635	05 —	1530	—	240	5

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Fig. 4

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

RNYM05-1430-80~240 Mass 16kg
(RNYM05-1430-B-80~240) (Mass 17kg)

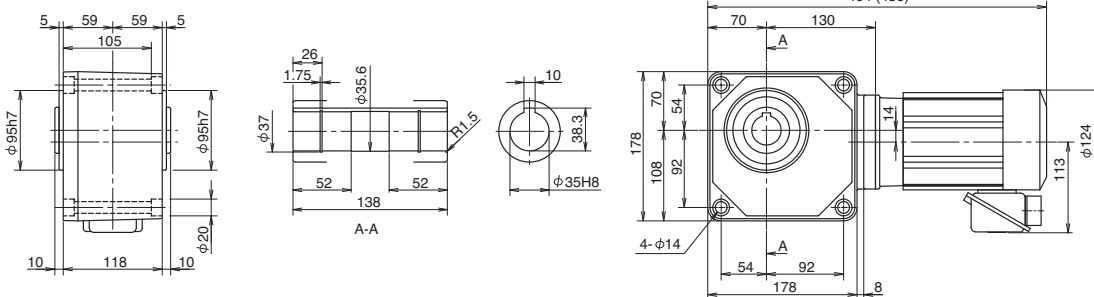
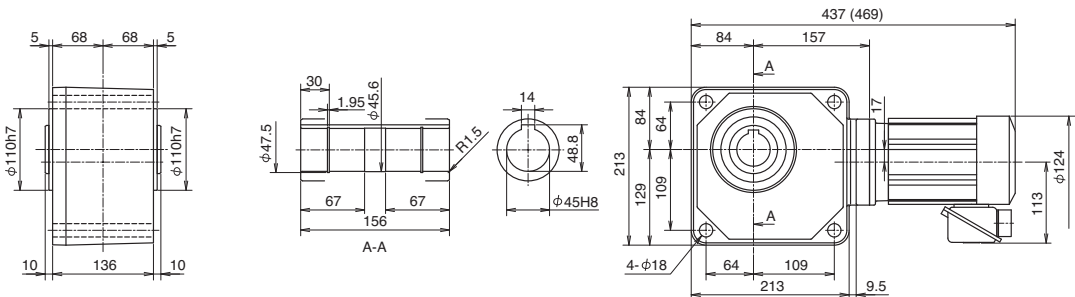


Fig. 5

RNYM05-1530-80~240 Mass 23kg
(RNYM05-1530-B-80~240) (Mass 24kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



0.4kW 3-phase Motor

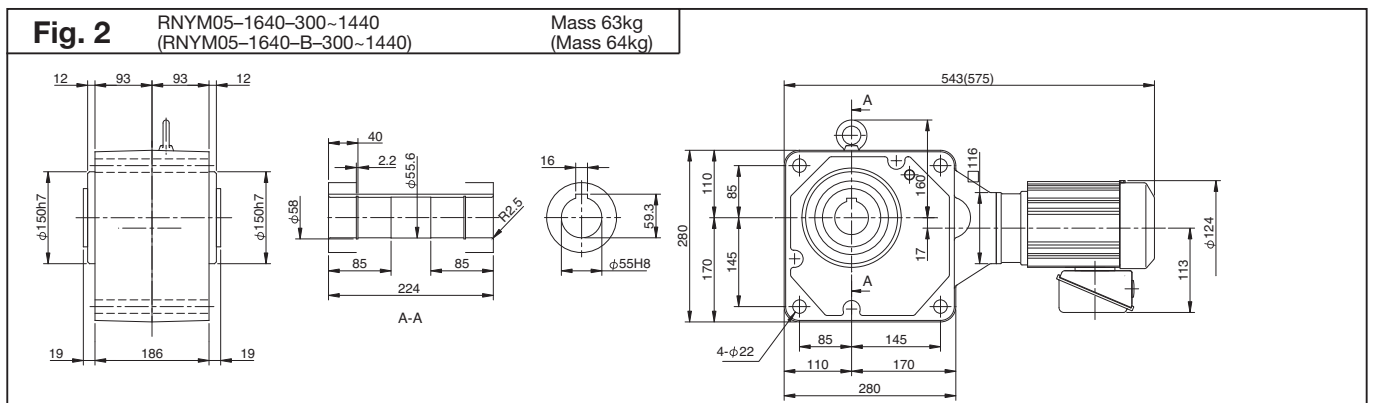
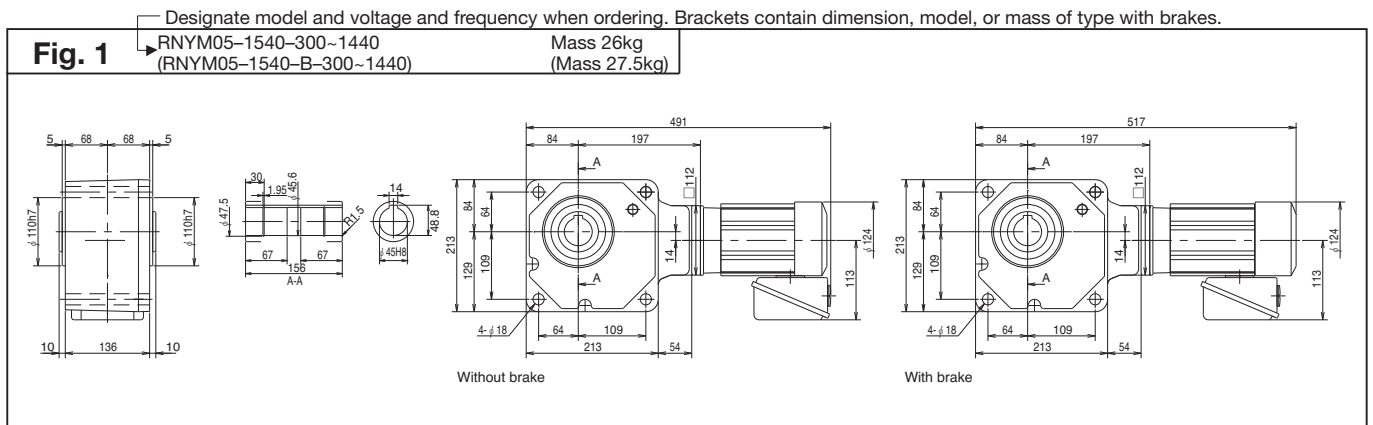
3-phase Motor Indoor Type



Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
4.83	5.83	633	525	64.6	53.5	1.00	6230	6230	635	635	05 — 1540	— 300	1	
						2.00	9810	9810	1000	1000	05 — 1640	— 300	2	
4.03	4.86	732	629	74.6	64.2	*	6230	6230	635	635	05 — 1540	— 360	1	
						1.95	9810	9810	1000	1000	05 — 1640	— 360	2	
3.02	3.65	732	732	74.6	74.6	*	6230	6230	635	635	05 — 1540	— 480	1	
						1.46	9810	9810	1000	1000	05 — 1640	— 480	2	
2.42	2.92	732	732	74.6	74.6	*	6230	6230	635	635	05 — 1540	— 600	1	
						1.17	9810	9810	1000	1000	05 — 1640	— 600	2	
2.01	2.43	732	732	74.6	74.6	*	6230	6230	635	635	05 — 1540	— 720	1	
						*	9810	9810	1000	1000	05 — 1640	— 720	2	
1.61	1.94	732	732	74.6	74.6	*	6230	6230	635	635	05 — 1540	— 900	1	
						*	9810	9810	1000	1000	05 — 1640	— 900	2	
1.21	1.46	732	732	74.6	74.6	*	6230	6230	635	635	05 — 1540	— 1200	1	
						*	9810	9810	1000	1000	05 — 1640	— 1200	2	
1.01	1.22	732	732	74.6	74.6	*	6230	6230	635	635	05 — 1540	— 1440	1	
						*	9810	9810	1000	1000	05 — 1640	— 1440	2	

- Notes : 1. Motor slippage may affect n₁ and n₂.
 2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.
 3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.



- Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
 2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).
 3. Dimensions and Masses in the drawings are subject to change without notice.



0.55kW 3-phase Motor



0.55
kW

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
290	350	15.4	12.8	1.57	1.30	2.80 1.45	1470	1370	150	140	08 — 1310	— 5	3	
											08 — 1320	— 5	4	
207	250	21.6	17.9	2.20	1.82	2.80 1.45	1670	1570	170	160	08 — 1310	— 7	3	
											08 — 1320	— 7	4	
145	175	30.8	25.5	3.14	2.60	1.45 1.45	1810	1720	185	175	08 — 1310	— 10	3	
											08 — 1320	— 10	4	
121	146	37.0	30.7	3.77	3.13	1.45	1910	1810	195	185	08 — 1320	— 12	4	
96.7	117	46.2	38.3	4.72	3.91	1.45	2060	1960	210	200	08 — 1320	— 15		
72.5	87.5	61.7	51.1	6.29	5.21	1.45	2260	2160	230	220	08 — 1320	— 20		
58.0	70.0	77.1	63.9	7.86	6.51	1.45	2350	2260	240	230	08 — 1320	— 25		
48.3	58.3	92.5	76.6	9.43	7.81	1.45	2450	2350	250	240	08 — 1320	— 30		
36.3	43.8	123	102	12.6	10.4	1.45	3970	3820	405	390	08 — 1420	— 40	5	
29.0	35.0	154	128	15.7	13.0	1.45	4170	4020	425	410	08 — 1420	— 50		
24.2	29.2	185	153	18.9	15.6	1.45	4310	4170	440	425	08 — 1420	— 60		

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 3

RNYM08-1310-5~10
(RNYM08-1310-B-5~10)

Mass 12kg
(Mass 14kg)

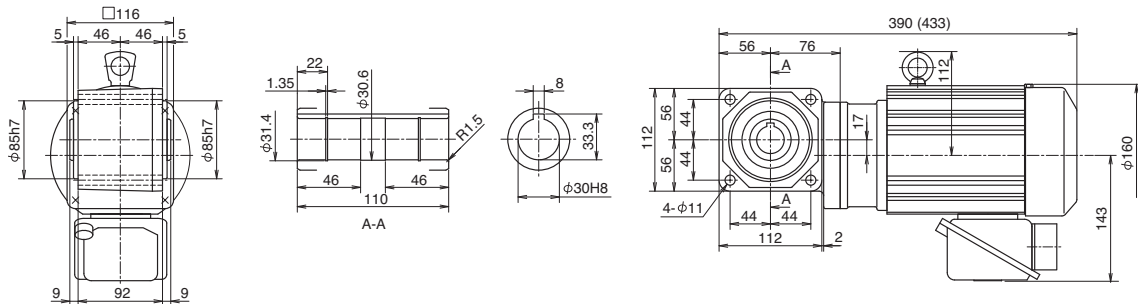


Fig. 4

RNYM08-1320-5~30
(RNYM08-1320-B-5~30)

Mass 13kg
(Mass 16kg)

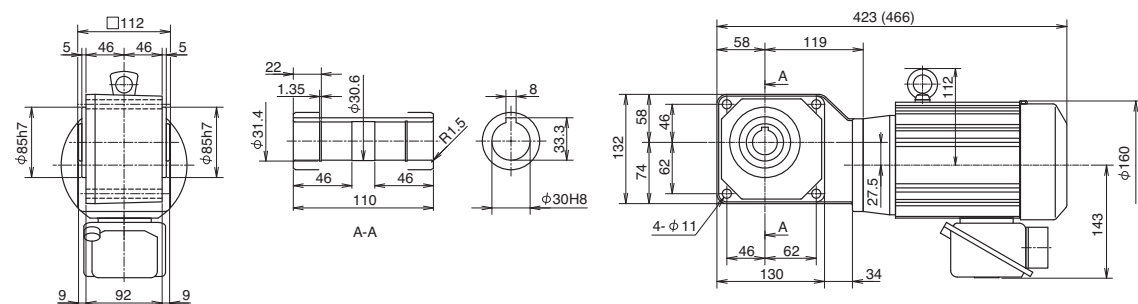
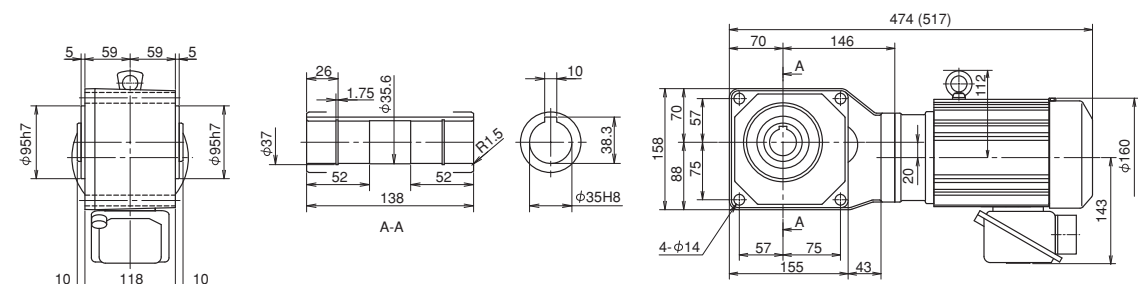


Fig. 5

RNYM08-1420-40~60
(RNYM08-1420-B-40~60)

Mass 17kg
(Mass 19kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.

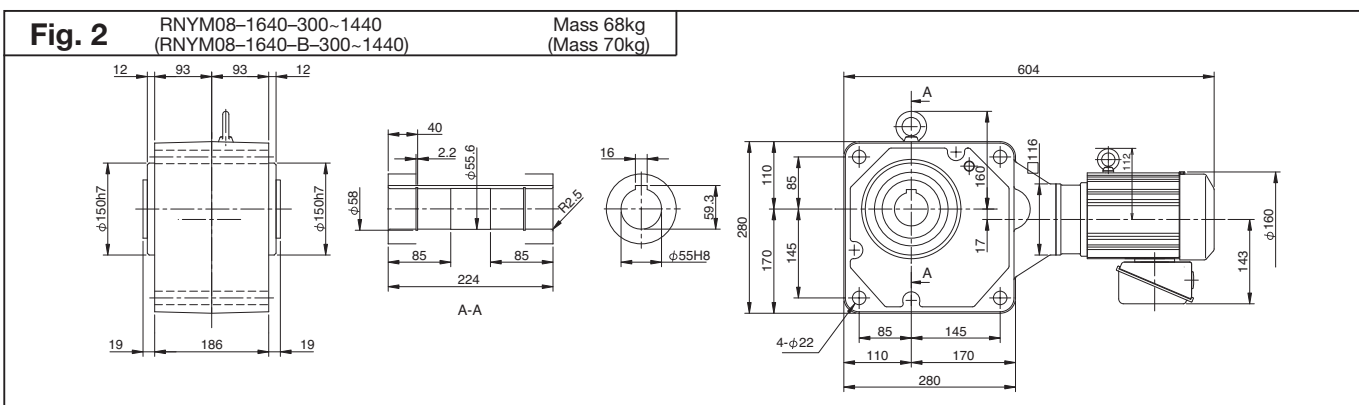
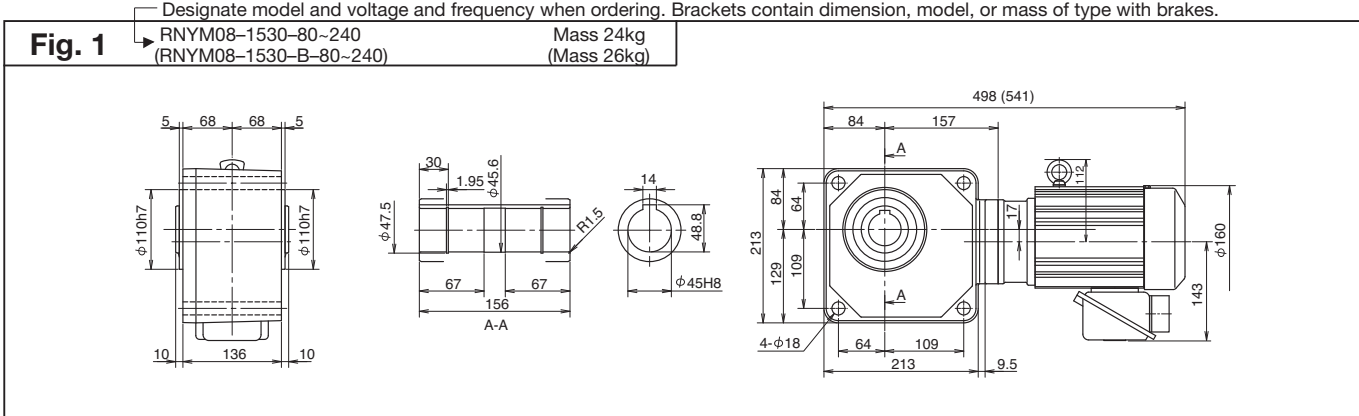
0.55kW 3-phase Motor

3-phase Motor Indoor Type

Motor Speed n ₁	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
							50Hz	60Hz	50Hz	60Hz				
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
18.1	21.9	247	204	25.1	20.8	1.45	6230	6130	635	625	08 —	1530 —	80	1
14.5	17.5	308	255	31.4	26.0	1.45	6230	6230	635	635	08 —	1530 —	100	
12.1	14.6	370	307	37.7	31.3	1.45	6230	6230	635	635	08 —	1530 —	120	
9.67	11.7	462	383	47.2	39.1	1.45	6230	6230	635	635	08 —	1530 —	150	
7.25	8.75	617	511	62.9	52.1	1.19	6230	6230	635	635	08 —	1530 —	200	
6.04	7.29	732	613	74.6	62.5	*	6230	6230	635	635	08 —	1530 —	240	
4.83	5.83	870	721	88.8	73.5	1.45	9810	9810	1000	1000	08 —	1640 —	300	2
4.03	4.86	1040	870	107	88.3	1.42	9810	9810	1000	1000	08 —	1640 —	360	
3.02	3.65	1390	1150	142	118	1.06	9810	9810	1000	1000	08 —	1640 —	480	
2.42	2.92	1480	1440	151	147	*	9810	9810	1000	1000	08 —	1640 —	600	
2.01	2.43	1480	1480	151	151	*	9810	9810	1000	1000	08 —	1640 —	720	
1.61	1.94	1480	1480	151	151	*	9810	9810	1000	1000	08 —	1640 —	900	
1.21	1.46	1480	1480	151	151	*	9810	9810	1000	1000	08 —	1640 —	1200	
1.01	1.22	1480	1480	151	151	*	9810	9810	1000	1000	08 —	1640 —	1440	

- Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.
3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.



- Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).
3. Dimensions and Masses in the drawings are subject to change without notice.

0.75kW 3-phase Motor



0.75
kW

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
290	350	21.0	17.4	2.14	1.78	2.05	1470	1370	150	140	1	—	1310	—	5	3
						1.07	1470	1370	150	140	1	—	1320	—	5	4
						2.05	2160	2060	220	210	1	—	1420	—	5	5
207	250	29.4	24.4	3.00	2.49	2.05	1670	1570	170	160	1	—	1310	—	7	3
						1.07	1670	1570	170	160	1	—	1320	—	7	4
						2.05	2450	2300	250	235	1	—	1420	—	7	5
145	175	42.0	34.8	4.29	3.55	1.07	1810	1720	185	175	1	—	1310	—	10	3
						1.07	1810	1720	185	175	1	—	1320	—	10	4
						2.05	2750	2600	280	265	1	—	1420	—	10	5

Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Fig. 3

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.
RNYM1-1310-5-10 Mass 13kg
(RNYM1-1310-B-5-10) (Mass 16kg)

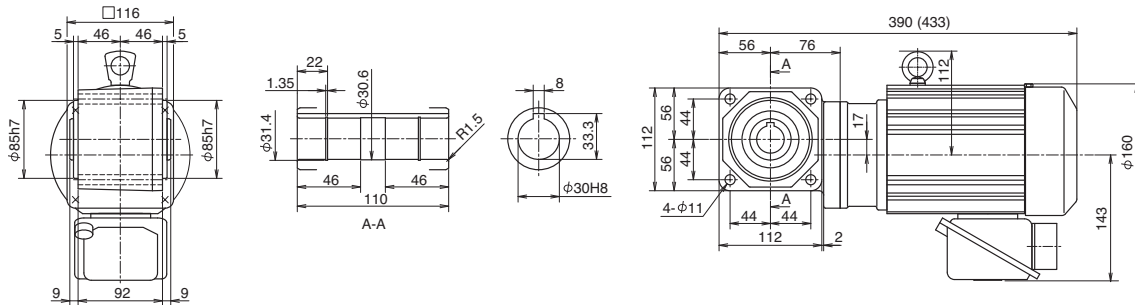


Fig. 4

RNYM1-1320-5-10 Mass 15kg
(RNYM1-1320-B-5-10) (Mass 17kg)

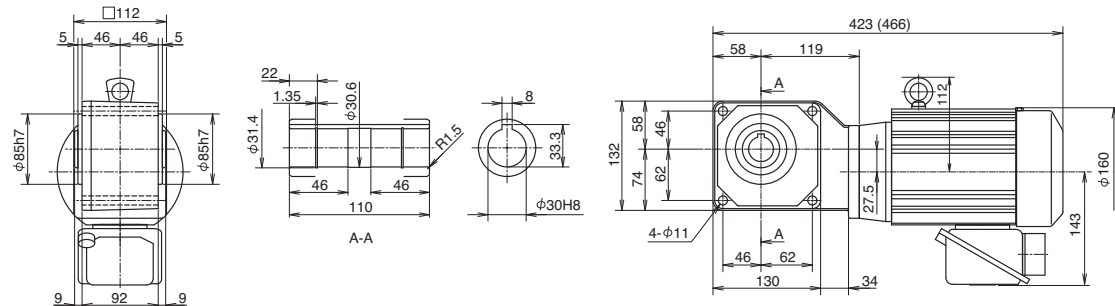
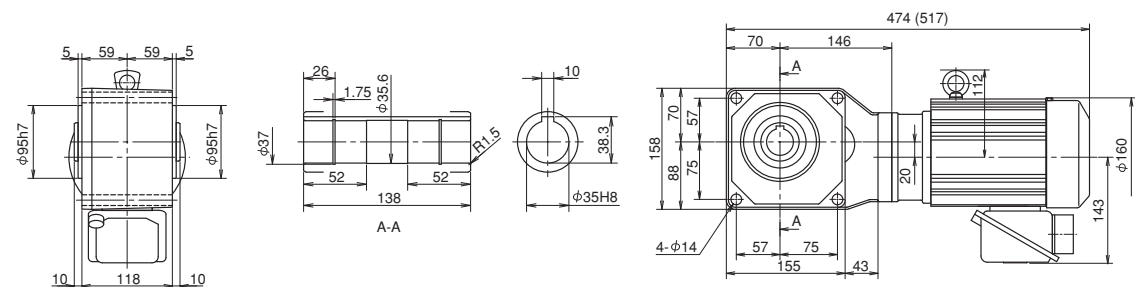


Fig. 5

RNYM1-1420-5-10 Mass 18kg
(RNYM1-1420-B-5-10) (Mass 20kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



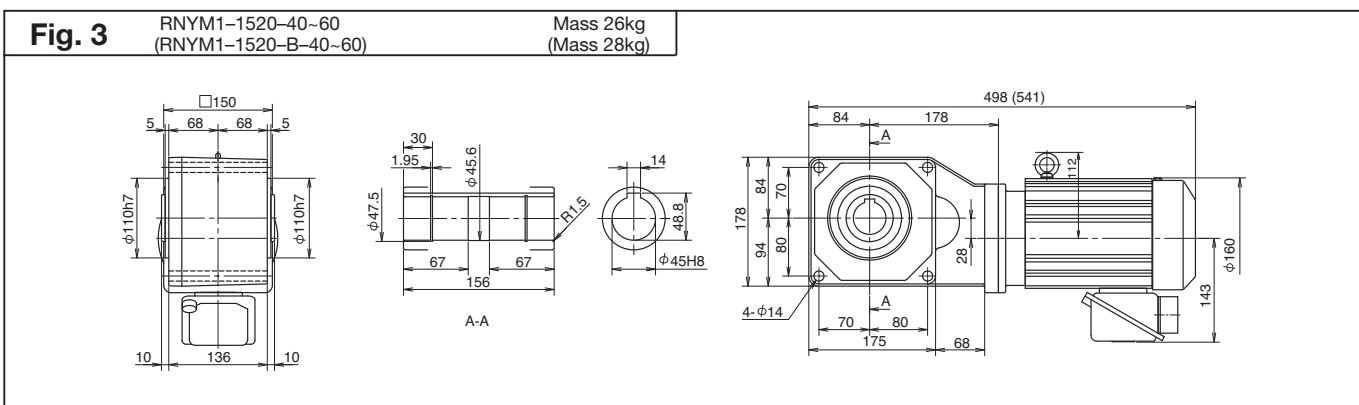
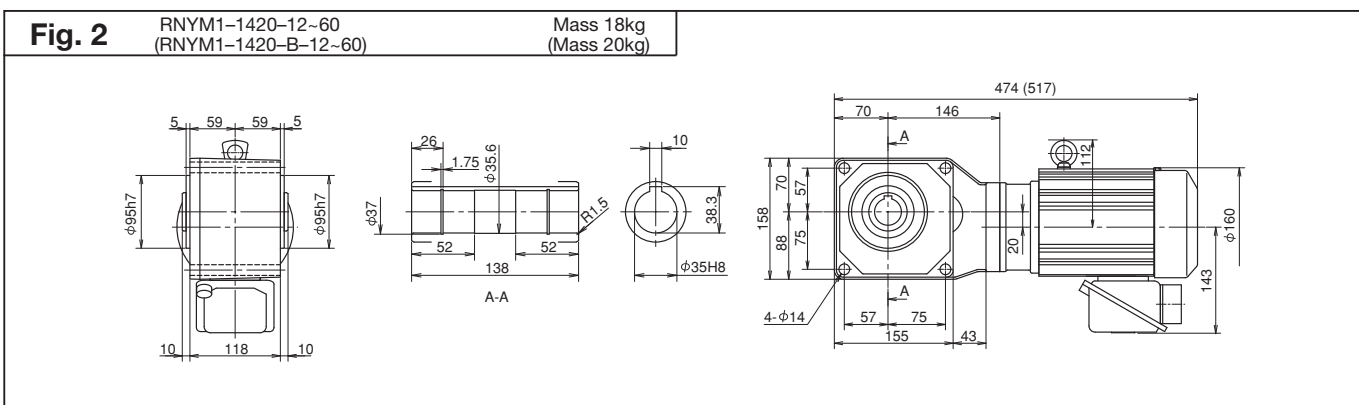
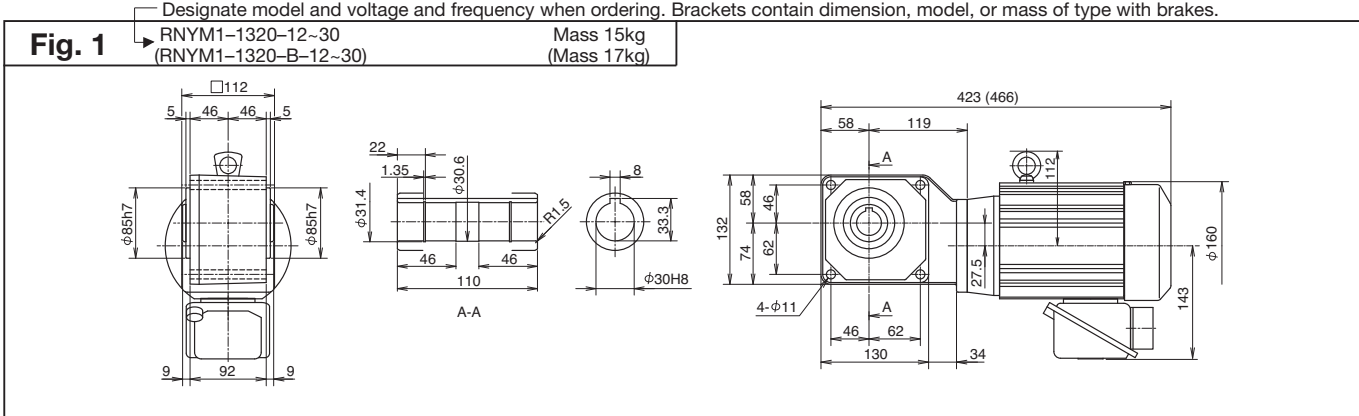
0.75kW 3-phase Motor

3-phase Motor Indoor Type

Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
							50Hz	60Hz	50Hz	60Hz					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
121	146	50.4	41.8	5.14	4.26	1.07	1910	1810	195	185	1 —	1320	—	12	1
						2.05	2840	2750	290	280	1 —	1420	—	12	2
96.7	117	63.1	52.2	6.43	5.33	1.07	2060	1960	210	200	1 —	1320	—	15	1
						2.05	3090	2940	315	300	1 —	1420	—	15	2
72.5	87.5	84.1	69.7	8.57	7.10	1.07	2260	2160	230	220	1 —	1320	—	20	1
						2.05	3330	3190	340	325	1 —	1420	—	20	2
58.0	70.0	105	87.1	10.7	8.88	1.07	2350	2260	240	230	1 —	1320	—	25	1
						2.05	3530	3380	360	345	1 —	1420	—	25	2
48.3	58.3	126	104	12.9	10.7	1.07	2450	2350	250	240	1 —	1320	—	30	1
						2.05	3730	3580	380	365	1 —	1420	—	30	2
36.3	43.8	168	139	17.1	14.2	1.07	3970	3820	405	390	1 —	1420	—	40	2
						2.05	5740	5540	585	565	1 —	1520	—	40	3
29.0	35.0	210	174	21.4	17.8	1.07	4170	4020	425	410	1 —	1420	—	50	2
						2.05	6030	5830	615	595	1 —	1520	—	50	3
24.2	29.2	252	209	25.7	21.3	1.07	4310	4170	440	425	1 —	1420	—	60	2
						2.05	6230	6030	635	615	1 —	1520	—	60	3

Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
3. Dimensions and Masses in the drawings are subject to change without notice.

0.75kW 3-phase Motor



0.75
kW

RNYM Series Hollow Shaft Type

Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
18.1	21.9	336	279	34.3	28.4	1.07	6230	6130	635	625	1	—	1530	—	80	4
						2.05	6230	6130	635	625	1	—	1531	—	80	5
14.5	17.5	420	348	42.9	35.5	1.07	6230	6230	635	635	1	—	1530	—	100	4
						2.93	9810	9810	1000	1000	1	—	1630	—	100	6
12.1	14.6	504	418	51.4	42.6	1.07	6230	6230	635	635	1	—	1530	—	120	4
						2.93	9810	9810	1000	1000	1	—	1630	—	120	6

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 4

RNYM1-1530-80~240
(RNYM1-1530-B-80~240)

Mass 25kg
(Mass 28kg)

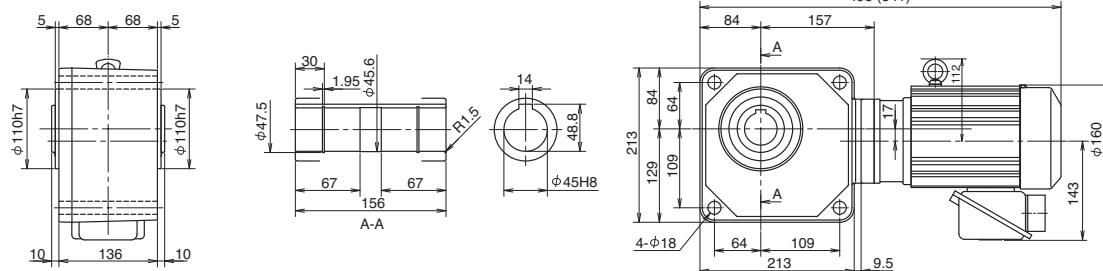


Fig. 5

RNYM1-1531-80
(RNYM1-1531-B-80)

Mass 26kg
(Mass 28kg)

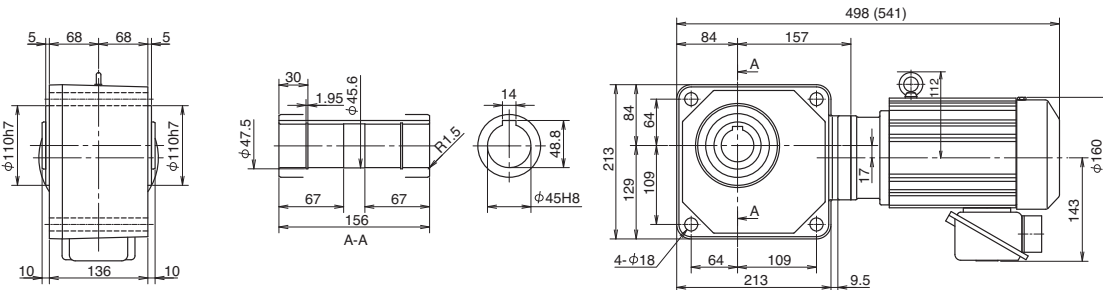
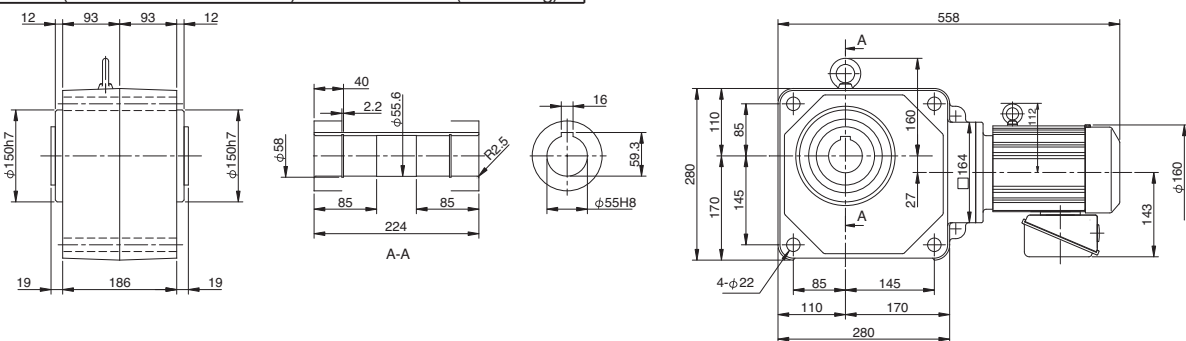


Fig. 6

RNYM1-1630-100~120
(RNYM1-1630-B-100~120)

Mass 46kg
(Mass 48kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



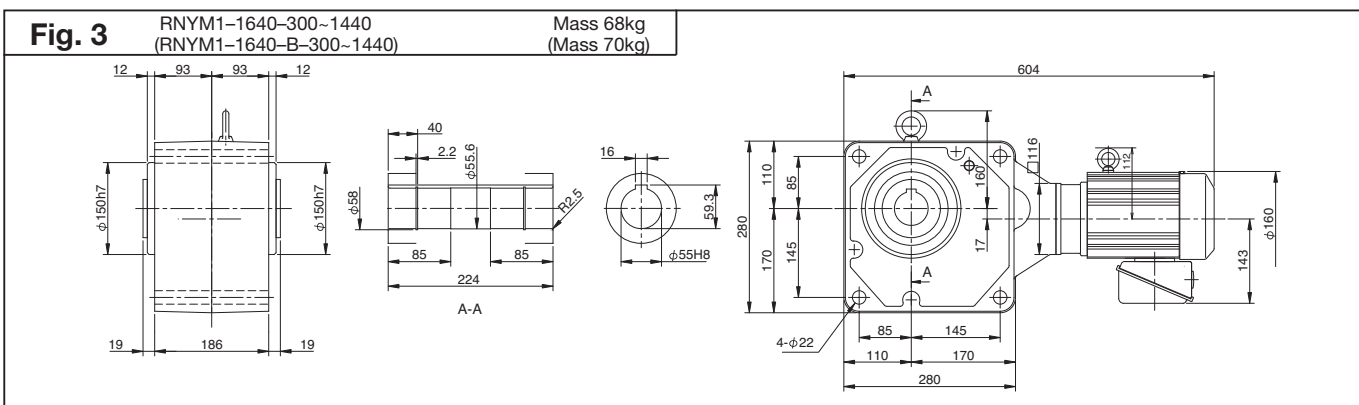
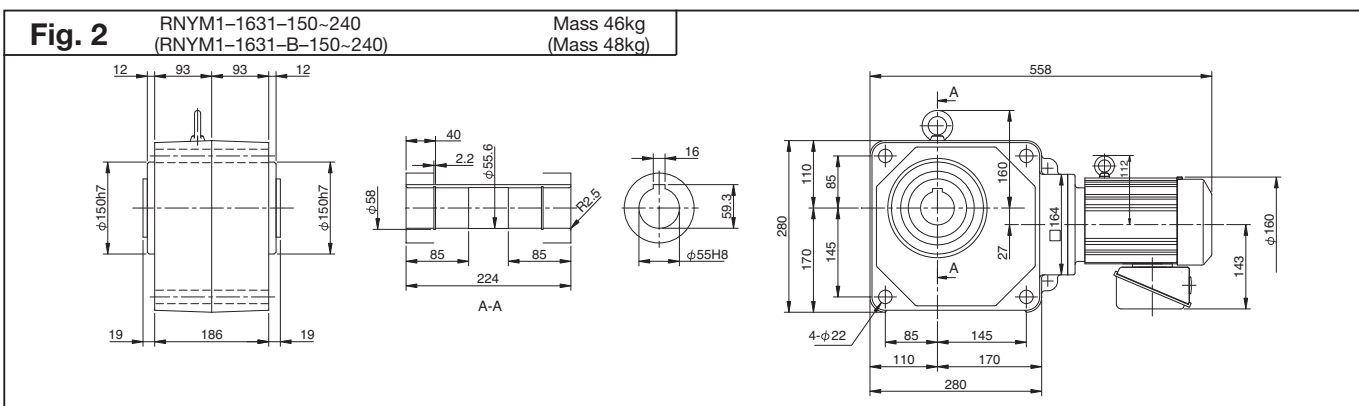
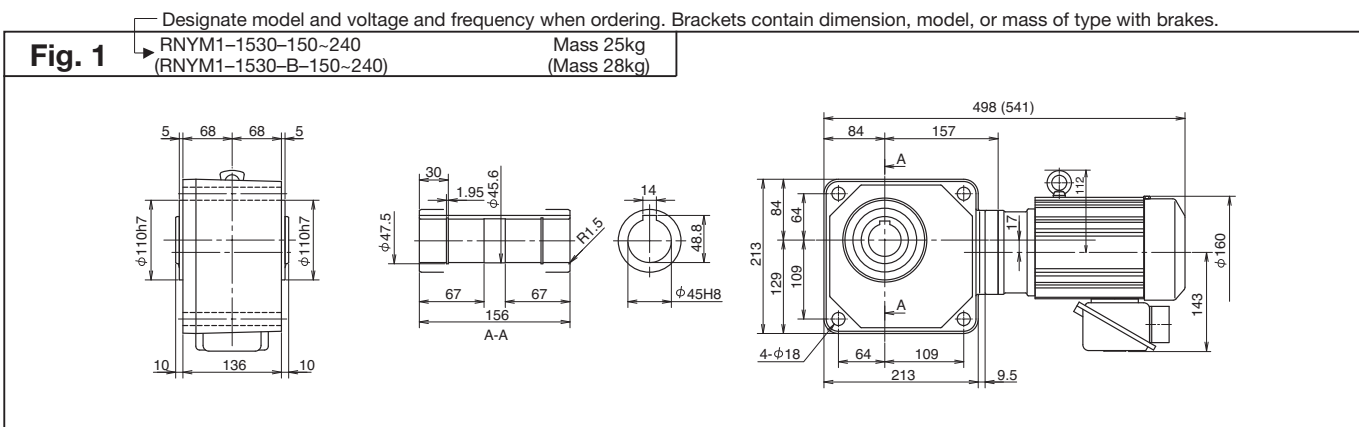
0.75kW 3-phase Motor

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
9.67	11.7	631	522	64.3	53.3	1.07	6230	6230	635	635	1	—	1530	— 150	1
						2.35	9810	9810	1000	1000	1	—	1631	— 150	2
7.25	8.75	732	697	74.6	71.0	*	6230	6230	635	635	1	—	1530	— 200	1
		841	697	85.7	71.0	1.76	9810	9810	1000	1000	1	—	1631	— 200	2
6.04	7.29	732	732	74.6	74.6	*	6230	6230	635	635	1	—	1530	— 240	1
		1010	836	103	85.2	1.47	9810	9810	1000	1000	1	—	1631	— 240	2
4.83	5.83	1190	983	121	100	1.07	9810	9810	1000	1000	1	—	1640	— 300	3
4.03	4.86	1420	1180	145	120	1.04	9810	9810	1000	1000	1	—	1640	— 360	
3.02	3.65	1480	1480	151	151	*	9810	9810	1000	1000	1	—	1640	— 480	
2.42	2.92	1480	1480	151	151	*	9810	9810	1000	1000	1	—	1640	— 600	
2.01	2.43	1480	1480	151	151	*	9810	9810	1000	1000	1	—	1640	— 720	
1.61	1.94	1480	1480	151	151	*	9810	9810	1000	1000	1	—	1640	— 900	
1.21	1.46	1480	1480	151	151	*	9810	9810	1000	1000	1	—	1640	— 1200	
1.01	1.22	1480	1480	151	151	*	9810	9810	1000	1000	1	—	1640	— 1440	

- Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.
3. Output torque is limited when SF is *. It must be used within the value stipulated in the table as overload may occur if the motor is loaded to its full capacity.



- Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).
3. Dimensions and Masses in the drawings are subject to change without notice.

1.1kW 3-phase Motor



1.1

kW

RNYM Series Hollow Shaft Type

Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
290	350	30.8	25.5	3.14	2.60	2.00 1.40	2160	2060	220	210	1H — 1410	— 5	4	
											1H — 1420	— 5	5	
207	250	43.2	35.8	4.40	3.65	2.00 1.40	2450	2300	250	235	1H — 1410	— 7	4	
											1H — 1420	— 7	5	
145	175	61.7	51.1	6.29	5.21	1.40 1.40	2750	2600	280	265	1H — 1410	— 10	4	
											1H — 1420	— 10	5	
121	146	74.0	61.3	7.54	6.25	1.40	2840	2750	290	280	1H — 1420	— 12	5	
96.7	117	92.5	76.6	9.43	7.81	1.40	3090	2940	315	300	1H — 1420	— 15		
72.5	87.5	123	102	12.6	10.4	1.40	3330	3190	340	325	1H — 1420	— 20		
58.0	70.0	154	128	15.7	13.0	1.40	3530	3380	360	345	1H — 1420	— 25		
48.3	58.3	185	153	18.9	15.6	1.40	3730	3580	380	365	1H — 1420	— 30	6	
36.3	43.8	247	204	25.1	20.8	1.40	5740	5540	585	565	1H — 1520	— 40		
29.0	35.0	308	255	31.4	26.0	1.40	6030	5830	615	595	1H — 1520	— 50		
24.2	29.2	370	307	37.7	31.3	1.40	6230	6030	635	615	1H — 1520	— 60		

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Fig. 4 Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.
RNYM1H-1410-5~10 Mass 20kg
(RNYM1H-1410-B-5~10) (Mass 24kg)

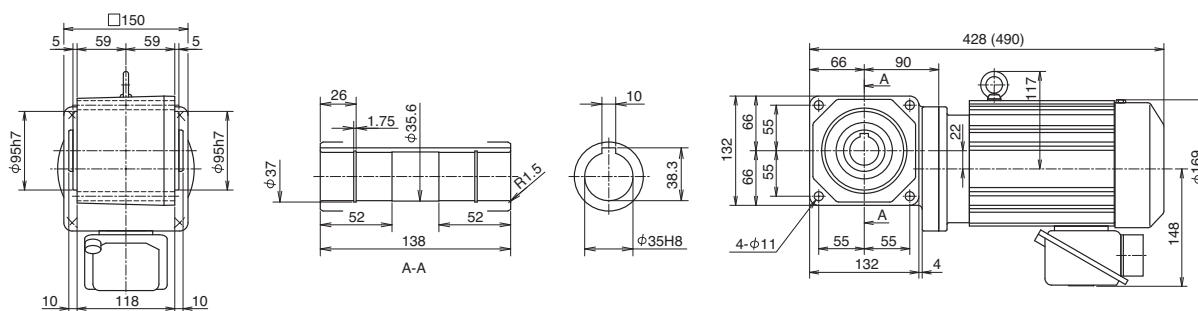


Fig. 5 RNYM1H-1420-5~30 Mass 21kg
(RNYM1H-1420-B-5~30) (Mass 25kg)

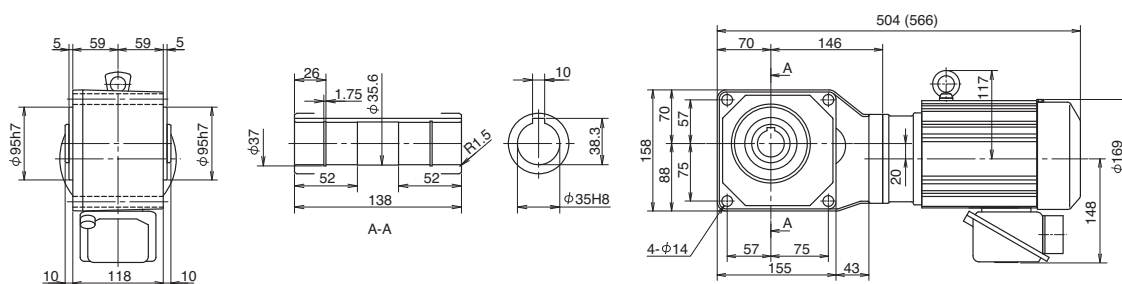
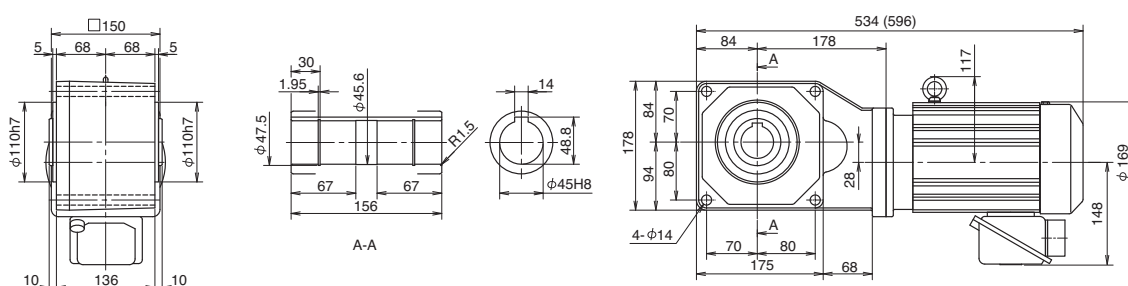


Fig. 6 RNYM1H-1520-40~60 Mass 29kg
(RNYM1H-1520-B-40~60) (Mass 33kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

3. Dimensions and Masses in the drawings are subject to change without notice.

1.5kW 3-phase Motor



1.5
kW

RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
290	350	42.0	34.8	4.29	3.55	1.47	2160	2060	220	210	2	—	1410	—	5	4
						1.03	2160	2060	220	210	2	—	1420	—	5	5
						1.47	3140	2940	320	300	2	—	1520	—	5	6
207	250	58.9	48.8	6.00	4.97	1.47	2450	2300	250	235	2	—	1410	—	7	4
						1.03	2450	2300	250	235	2	—	1420	—	7	5
						1.47	3530	3330	360	340	2	—	1520	—	7	6
145	175	84.1	69.7	8.57	7.10	1.03	2750	2600	280	265	2	—	1410	—	10	4
						1.03	2750	2600	280	265	2	—	1420	—	10	5
						1.47	3920	3730	400	380	2	—	1520	—	10	6

- Notes : 1. Motor slippage may affect n_1 and n_2 .
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 4 RNYM2-1410-5~10 (RNYM2-1410-B-5~10) Mass 22kg (Mass 26kg)

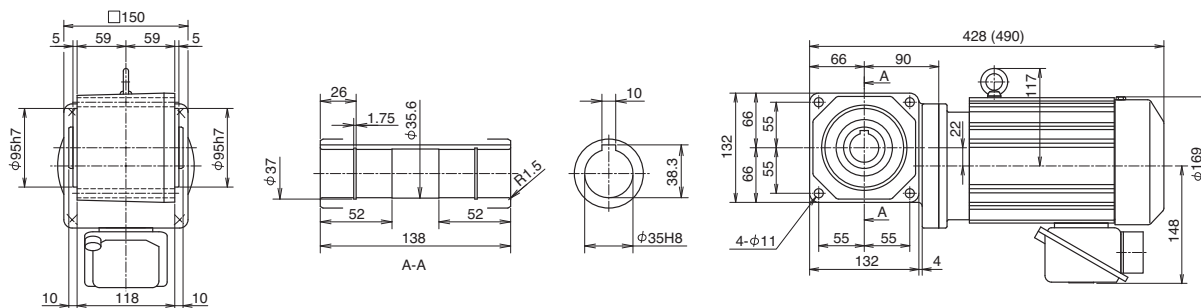


Fig. 5 RNYM2-1420-5~10 (RNYM2-1420-B-5~10) Mass 22kg (Mass 26kg)

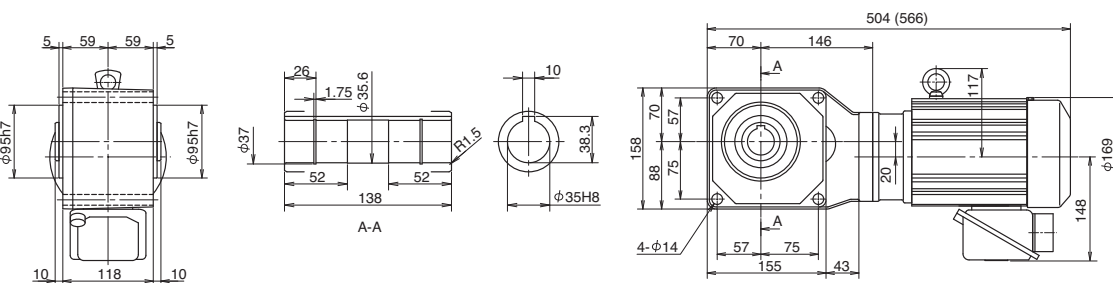
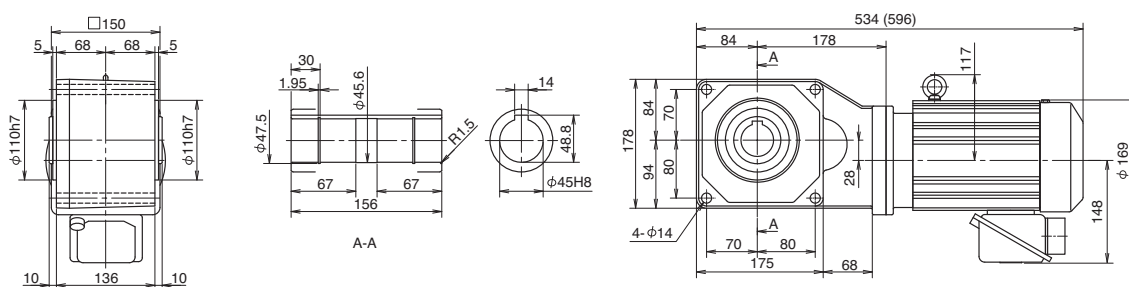


Fig. 6 RNYM2-1520-80~120 (RNYM2-1520-B-80~120) Mass 31kg (Mass 35kg)



- Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



1.5kW 3-phase Motor



3-phase Motor Indoor Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
							50Hz	60Hz	50Hz	60Hz						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
121	146	101	83.6	10.3	8.52	1.03	2840	2750	290	280	2	—	1420	—	12	1
						1.47	4120	3970	420	405	2	—	1520	—	12	2
96.7	117	126	104	12.9	10.7	1.03	3090	2940	315	300	2	—	1420	—	15	1
						1.47	4410	4220	450	430	2	—	1520	—	15	2
72.5	87.5	168	139	17.1	14.2	1.03	3330	3190	340	325	2	—	1420	—	20	1
						1.47	4810	4610	490	470	2	—	1520	—	20	2
58.0	70.0	210	174	21.4	17.8	1.03	3530	3380	360	345	2	—	1420	—	25	1
						1.47	5100	4900	520	500	2	—	1520	—	25	2
48.3	58.3	252	209	25.7	21.3	1.03	3730	3580	380	365	2	—	1420	—	30	1
						1.47	5340	5150	545	525	2	—	1520	—	30	2

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Fig. 1

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

RNYM2-1420-12~30
(RNYM2-1420-B-12~30)

Mass 22kg
(Mass 26kg)

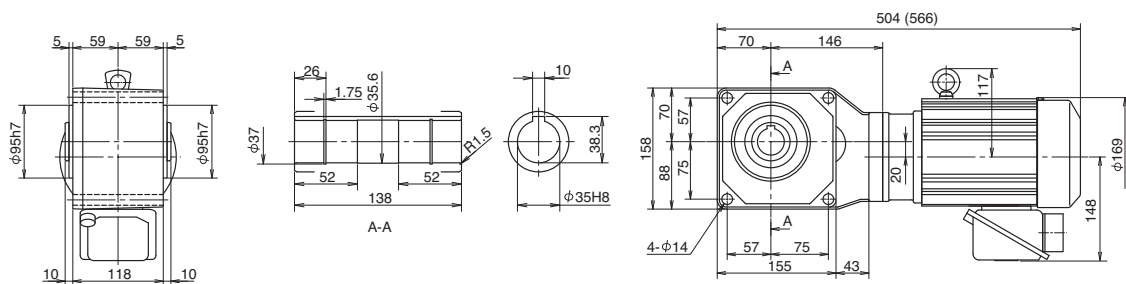
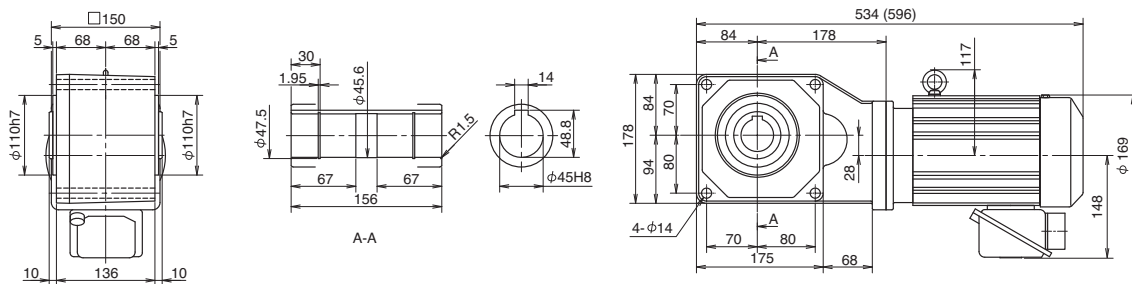


Fig. 2

RNYM2-1520-12~30
(RNYM2-1520-B-12~30)

Mass 31kg
(Mass 35kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



1.5kW 3-phase Motor



1.5

kW

RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
60Hz	1750r/min	

Output speed n_2 r/min		Output Torque T_{out}				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
							50Hz	60Hz	50Hz	60Hz						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
36.3	43.8	336	279	34.3	28.4	1.03	5740	5540	585	565	2	—	1520	—	40	3
						1.47	5740	5540	585	565	2	—	1531	—	40	4
29.0	35.0	420	348	42.9	35.5	1.03	6030	5830	615	595	2	—	1520	—	50	3
						1.47	6030	5830	615	595	2	—	1531	—	50	4
24.2	29.2	504	418	51.4	42.6	1.03	6230	6030	635	615	2	—	1520	—	60	3
						1.47	6230	6030	635	615	2	—	1531	—	60	4

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Hollow Shaft

3-phase

Fig. 3

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

RNYM2-1520-40~60 Mass 31kg
(RNYM2-1520-B-40~60) (Mass 35kg)

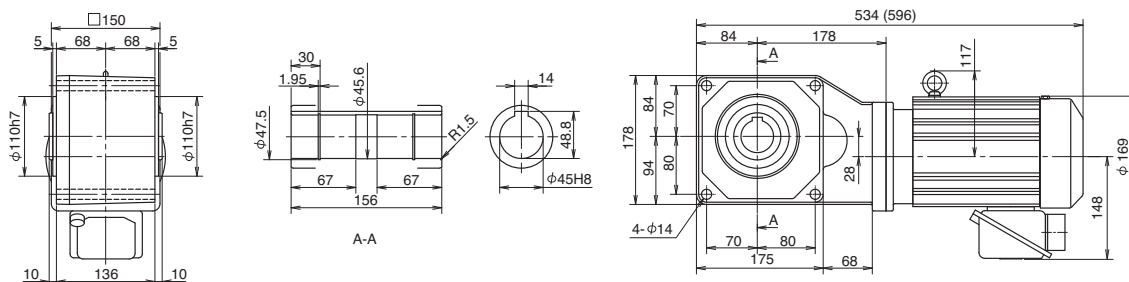
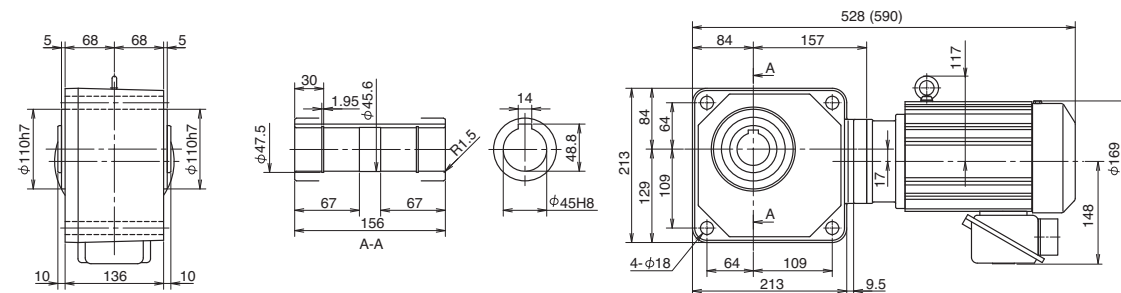


Fig. 4

RNYM2-1531-40~80 Mass 30kg
(RNYM2-1531-B-40~80) (Mass 34kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



3-phase Motor Indoor Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
							50Hz	60Hz	50Hz	60Hz						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
18.1	21.9	673	557	68.6	56.8	1.03	6230	6130	635	625	2	—	1531	—	80	1
						1.47	9810	9660	1000	985	2	—	1630	—	80	2
14.5	17.5	841	697	85.7	71.0	1.47	9810	9810	1000	1000	2	—	1630	—	100	2
12.1	14.6	1010	836	103	85.2	1.47	9810	9810	1000	1000	2	—	1630	—	120	
9.67	11.7	1260	1040	129	107	1.17	9810	9810	1000	1000	2	—	1631	—	150	3
7.25	8.75	1480	1390	151	142	*	9810	9810	1000	1000	2	—	1631	—	200	
6.04	7.29	1480	1480	151	151	*	9810	9810	1000	1000	2	—	1631	—	240	

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 1

RNYM2-1531-80
(RNYM2-1531-B-80)

Mass 30kg
(Mass 34kg)

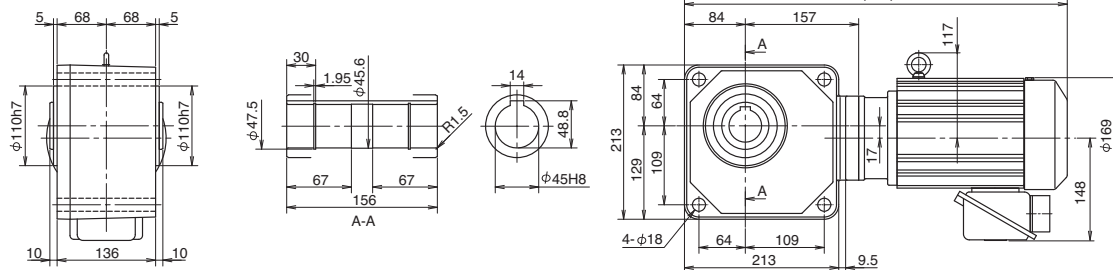


Fig. 2

RNYM2-1630-80~120
(RNYM2-1630-B-80~120)

Mass 52kg
(Mass 56kg)

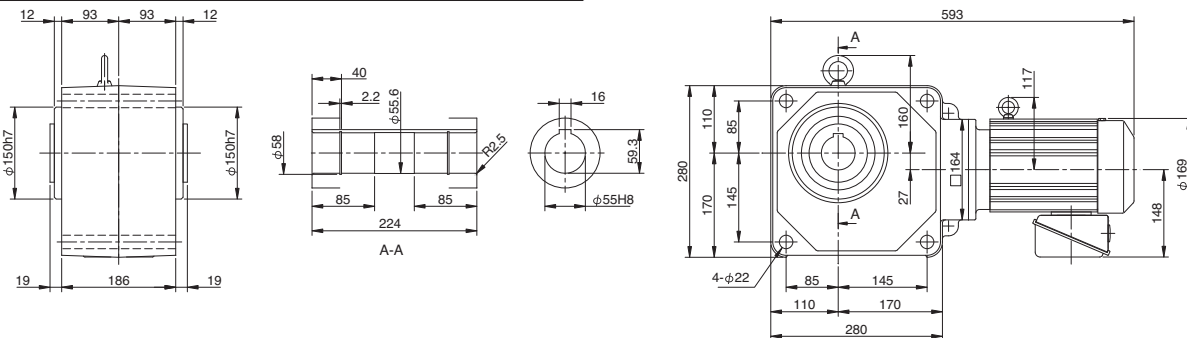
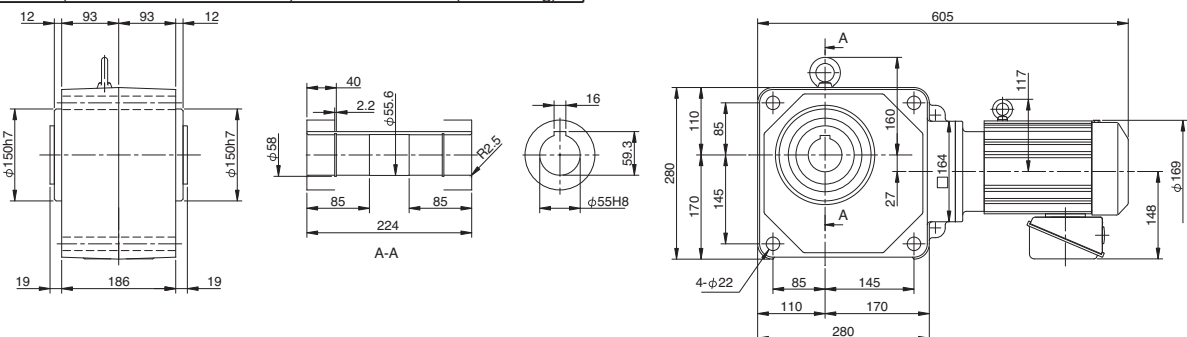


Fig. 3

RNYM2-1631-150~240
(RNYM2-1631-B-150~240)

Mass 53kg
(Mass 57kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



2.2kW 3-phase Motor



2.2

kW

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
290	350	61.7	51.1	6.29	5.21	2.50	3140	2940	320	300	3 — 1510	— 5	4	
						1.00					3 — 1520	— 5	5	
						1.68					3 — 1521	— 5	6	
207	250	86.3	71.5	8.80	7.29	1.68	3530	3330	360	340	3 — 1510	— 7	4	
						1.00					3 — 1520	— 7	5	
						1.68					3 — 1521	— 7	6	
145	175	123	102	12.6	10.4	1.00	3920	3730	400	380	3 — 1510	— 10	4	
						1.00					3 — 1520	— 10	5	
						1.68					3 — 1521	— 10	6	
121	146	148	123	15.1	12.5	1.00	4120	3970	420	405	3 — 1520	— 12	5	
						1.68					3 — 1521	— 12	6	
96.7	117	185	153	18.9	15.6	1.00	4410	4220	450	430	3 — 1520	— 15	5	
						1.68					3 — 1521	— 15	6	
72.5	87.5	247	204	25.1	20.8	1.00	4810	4610	490	470	3 — 1520	— 20	5	
						1.68					3 — 1521	— 20	6	
58.0	70.0	308	255	31.4	26.0	1.00	5100	4900	520	500	3 — 1520	— 25	5	
						1.68					3 — 1521	— 25	6	

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 4

RNYM3-1510-5-10
(RNYM3-1510-B-5-10)

Mass 29kg
(Mass 35kg)

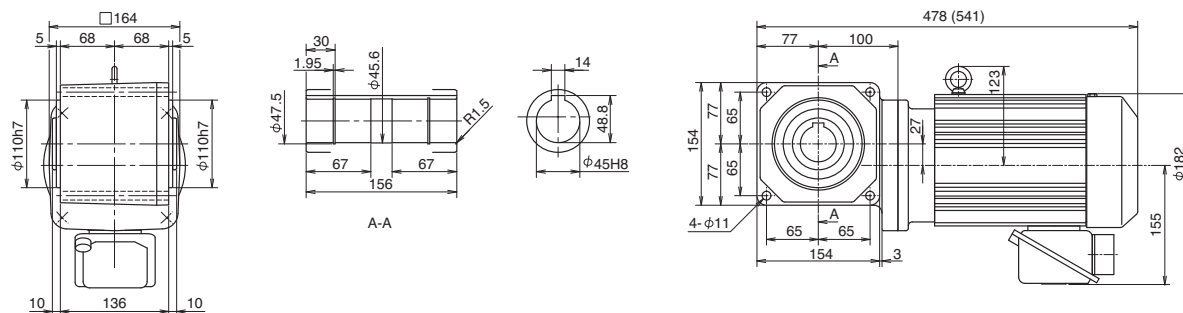


Fig. 5

RNYM3-1520-5-30
(RNYM3-1520-B-5-30)

Mass 34kg
(Mass 39kg)

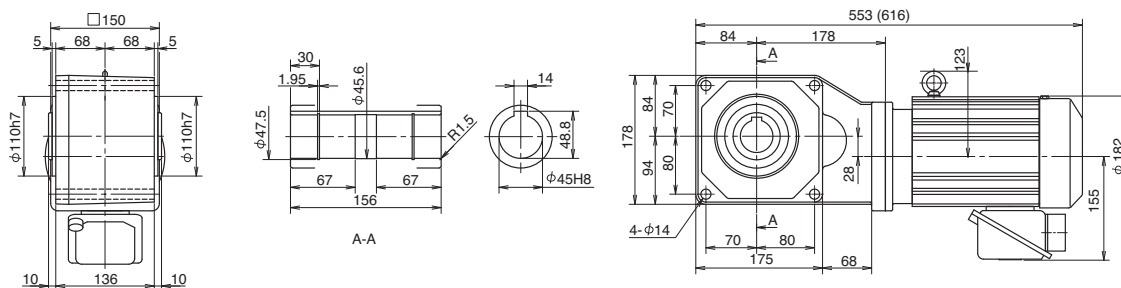
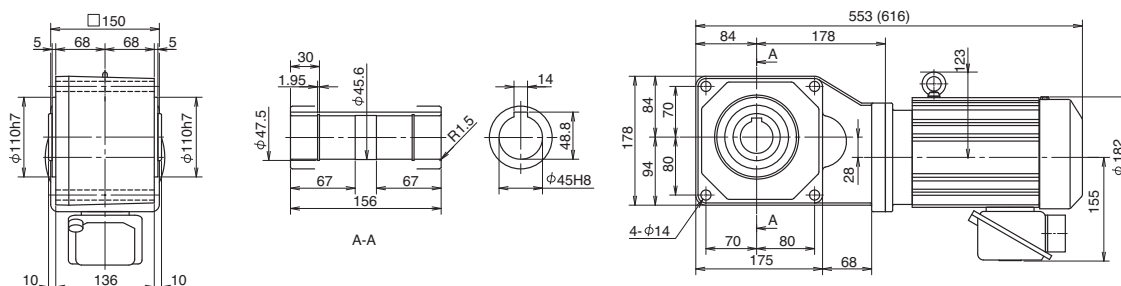


Fig. 6

RNYM3-1521-5-25
(RNYM3-1521-B-5-25)

Mass 34kg
(Mass 39kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

3. Dimensions and Masses in the drawings are subject to change without notice.

RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
48.3	58.3	370	307	37.7	31.3	1.00	5340	5150	545	525	3	—	1520	—	30
						1.68	8380	8090	855	825	3	—	1632	—	30
36.3	43.8	493	409	50.3	41.7	1.00	5740	5540	585	565	3	—	1531	—	40
						1.68	8830	8480	900	865	3	—	1632	—	40
29.0	35.0	617	511	62.9	52.1	1.00	6030	5830	615	595	3	—	1531	—	50
						1.68	9120	8880	930	905	3	—	1632	—	50
121	146	148	123	15.1	12.5	1.00	4120	3970	420	405	3	—	1531	—	60
96.7	117	185	153	18.9	15.6	1.00	4410	4220	450	430	3	—	1632	—	60

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 1

RNYM3-1520-5-30
(RNYM3-1520-B-5-30)

Mass 34kg
(Mass 39kg)

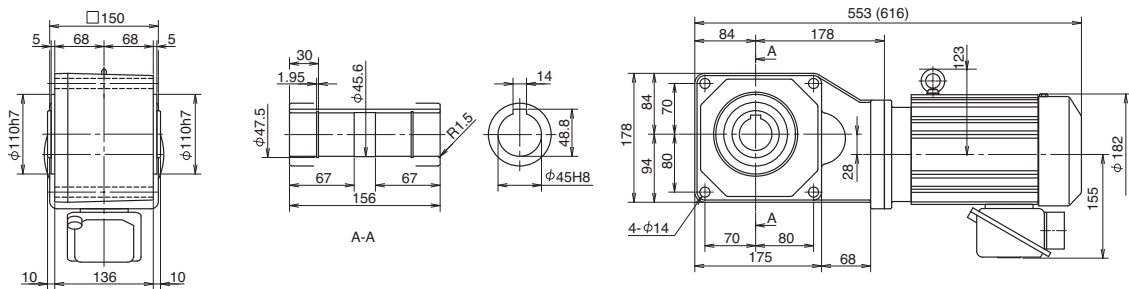


Fig. 2

RNYM3-1632-30-60
(RNYM3-1632-B-30-60)

Mass 55kg
(Mass 61kg)

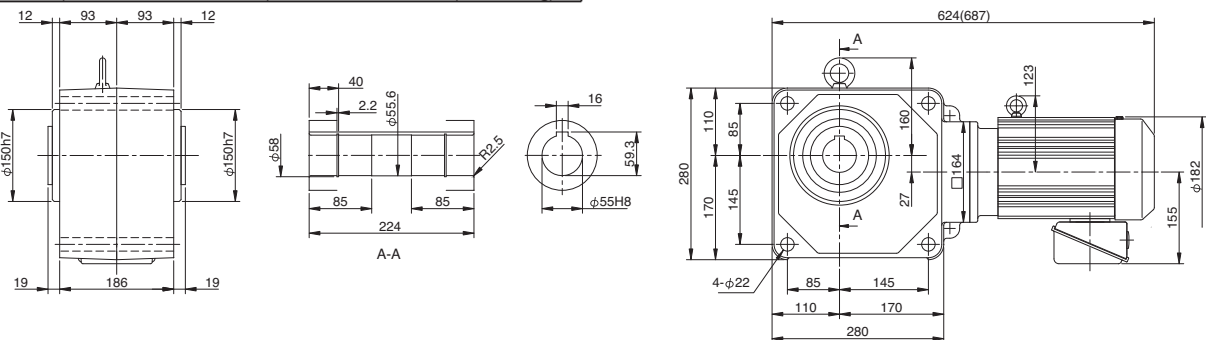
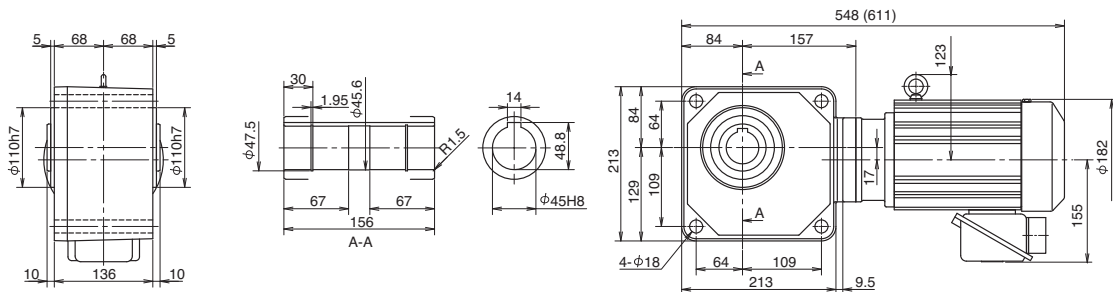


Fig. 3

RNYM3-1531-40-60
(RNYM3-1531-B-40-60)

Mass 34kg
(Mass 39kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



2.2kW 3-phase Motor



2.2
kW

RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
							50Hz	60Hz	50Hz	60Hz						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
18.1	21.9	986	817	101	83.3	1.00	9810	9660	1000	985	3	—	1630	—	80	4
14.5	17.5	1230	1020	126	104	1.00	9810	9810	1000	1000	3	—	1630	—	100	
12.1	14.6	1480	1230	151	125	1.00	9810	9810	1000	1000	3	—	1630	—	120	
9.67	11.7	1480	1480	151	151	*	9810	9810	1000	1000	3	—	1631	—	150	5
7.25	8.75	1480	1480	151	151	*	9810	9810	1000	1000	3	—	1631	—	200	
6.04	7.29	1480	1480	151	151	*	9810	9810	1000	1000	3	—	1631	—	240	

Notes : 1. Motor slippage may affect n_1 and n_2 .
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 4

RNYM3-1630-80~120
(RNYM3-1630-B-80~120)

Mass 57kg
(Mass 63kg)

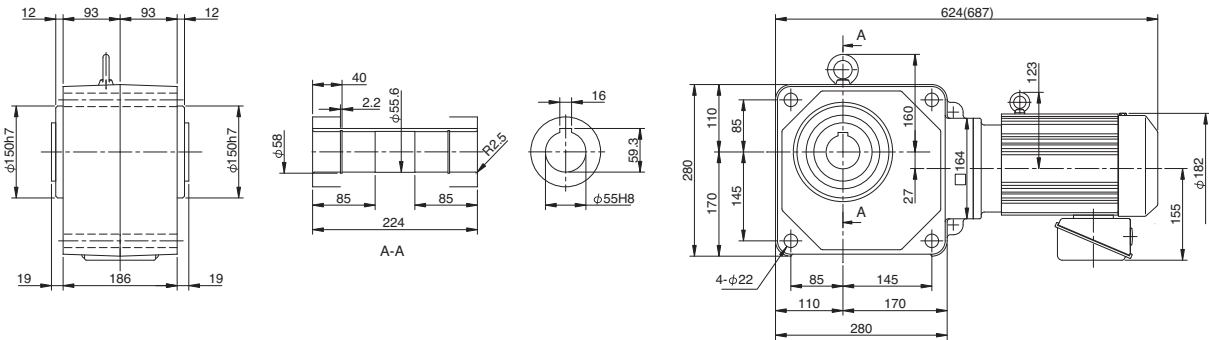
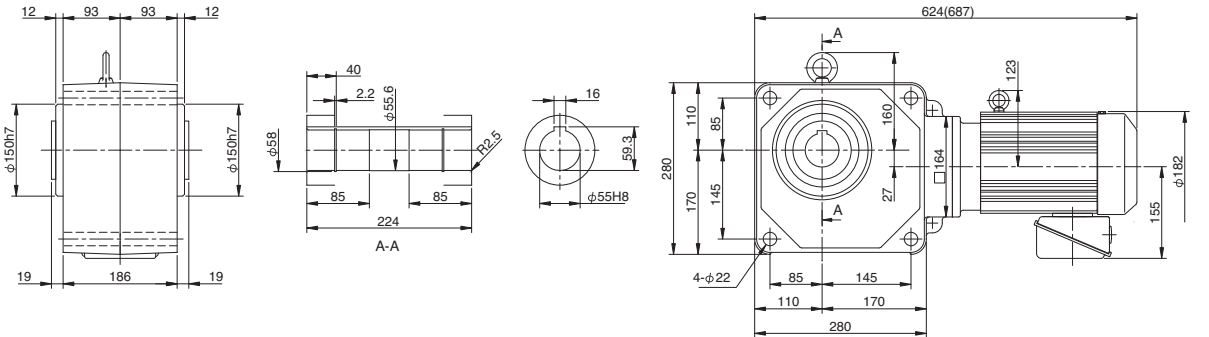


Fig. 5

RNYM3-1631-150~240
(RNYM3-1631-B-150~240)

Mass 57kg
(Mass 63kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.



RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.	
		Nm		kgf m			N		kgf						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz					
290	350	84.1	69.7	8.57	7.10	1.23 1.83	3140	2940	320	300	4 —	1521	—	5	1
											4 —	1522	—	5	2
207	250	118	97.5	12.0	9.95	1.23 1.83	3530	3330	360	340	4 —	1521	—	7	1
											4 —	1522	—	7	2
145	175	168	139	17.1	14.2	1.23 1.83	3920	3730	400	380	4 —	1521	—	10	1
											4 —	1522	—	10	2
121	146	202	167	20.6	17.0	1.23 1.83	4120	3970	420	405	4 —	1521	—	12	1
											4 —	1522	—	12	2
96.7	117	252	209	25.7	21.3	1.23 1.83	4410	4220	450	430	4 —	1521	—	15	1
											4 —	1522	—	15	2
72.5	87.5	336	279	34.3	28.4	1.23 1.83	4810	4610	490	470	4 —	1521	—	20	1
							7700	7350	785	750	4 —	1633	—	20	3
58.0	70.0	420	348	42.9	35.5	1.23 1.83	5100	4900	520	500	4 —	1521	—	25	1
							8090	7750	825	790	4 —	1633	—	25	3

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 1

RNYM4-1521-5~25
(RNYM4-1521-B-5~25)

Mass 47kg
(Mass 58kg)

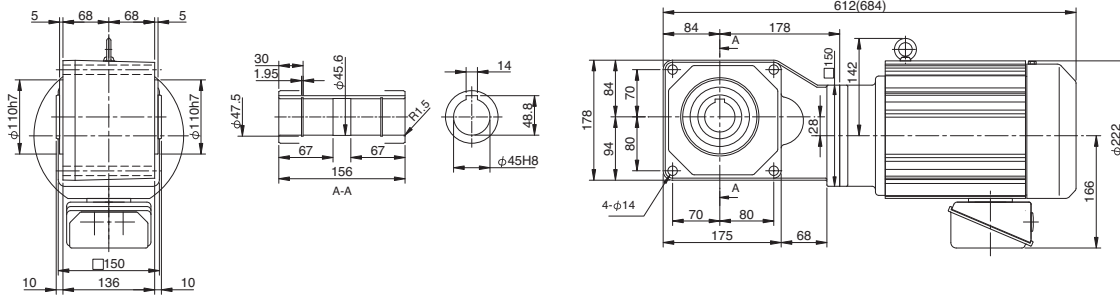


Fig. 2

RNYM4-1522-5~15
(RNYM4-1522-B-5~15)

Mass 47kg
(Mass 58kg)

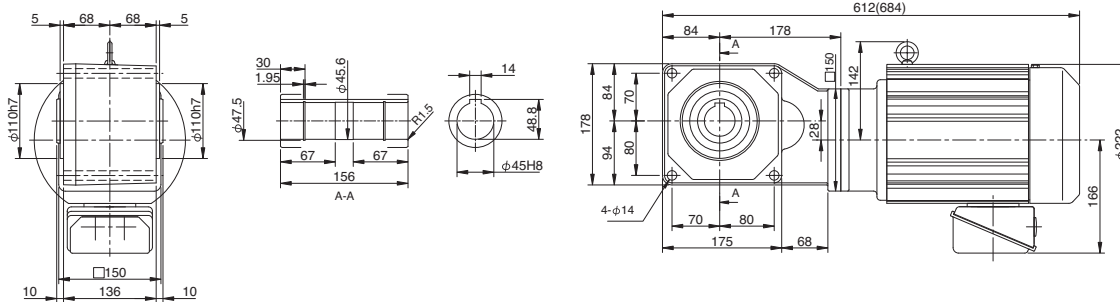
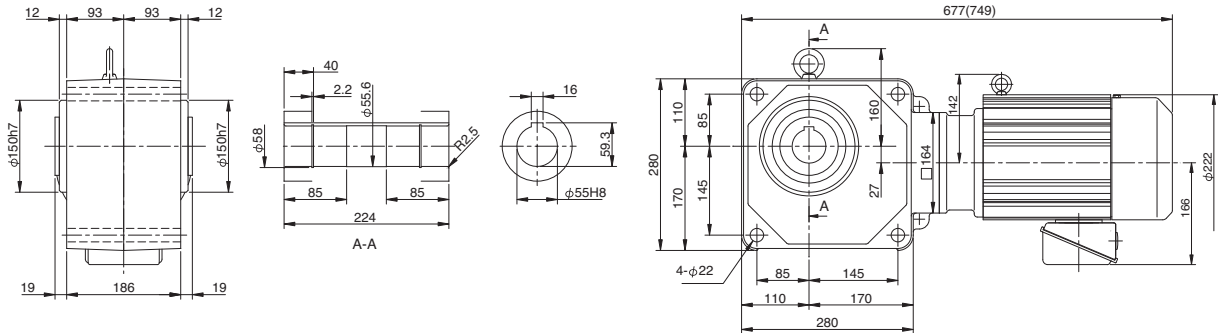


Fig. 3

RNYM4-1633-20~25
(RNYM4-1633-B-20~25)

Mass 67kg
(Mass 68kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.

3.0kW 3-phase Motor



3.0
kW

RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
	60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
							50Hz	60Hz	50Hz	60Hz						
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
48.3	58.3	504	418	51.4	42.6	1.23	8380	8090	855	825	4	—	1632	—	30	4
						1.83					4	—	1633	—	30	5
36.3	43.8	673	557	68.6	56.8	1.23	8830	8480	900	865	4	—	1632	—	40	4
						1.83					4	—	1633	—	40	5
29.0	35.0	841	697	85.7	71.0	1.23	9120	8880	930	905	4	—	1632	—	50	4
24.2	29.2	1010	836	103	85.2	1.23	9410	9170	960	935	4	—	1632	—	60	

- Notes : 1. Motor slippage may affect n_1 and n_2 .
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Hollow Shaft

3-phase

Fig. 4 Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.
RNYM4-1632-30~60 (RNYM4-1632-B-30~60) Mass 66kg (Mass 77kg)

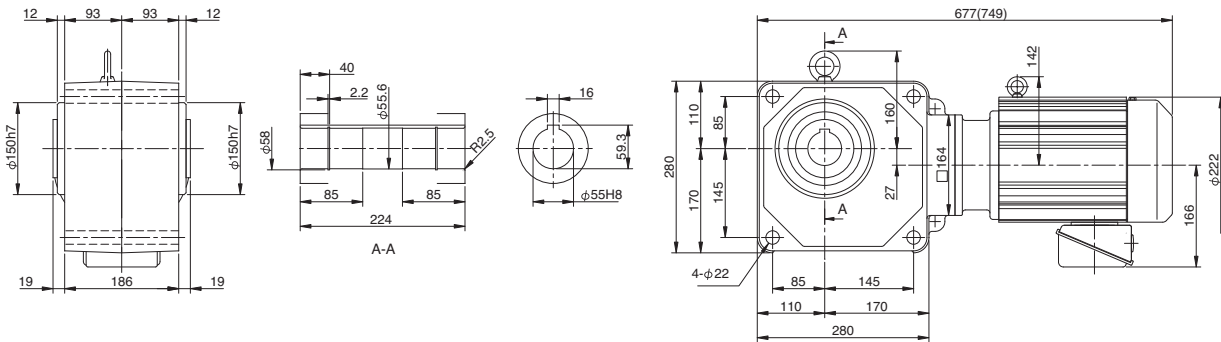
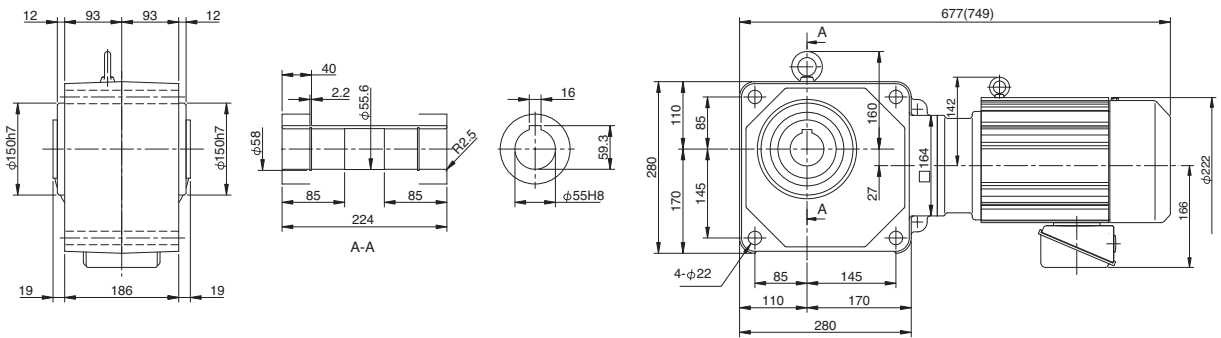


Fig. 5 RNYM4-1633-30~40 (RNYM4-1633-B-30~40) Mass 67kg (Mass 78kg)



- Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.

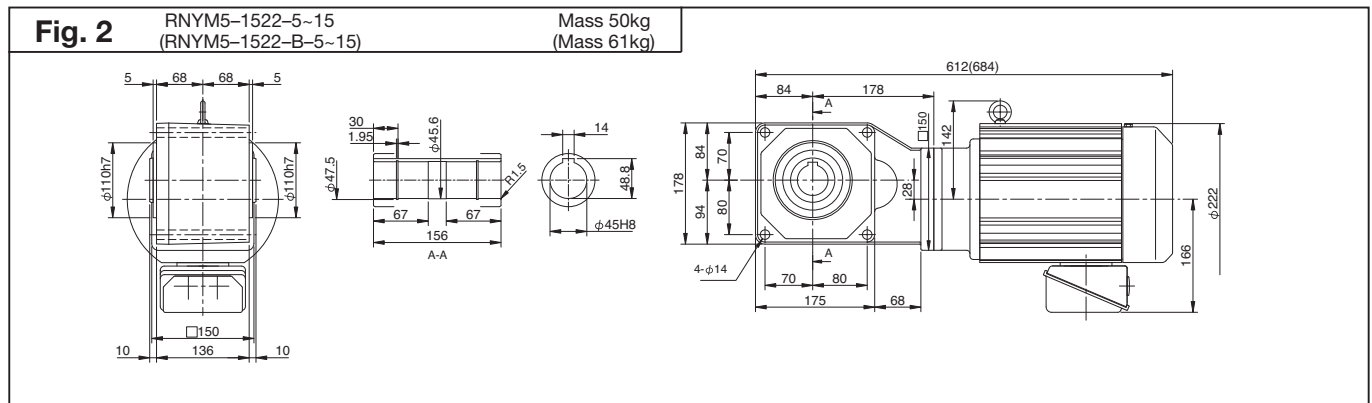
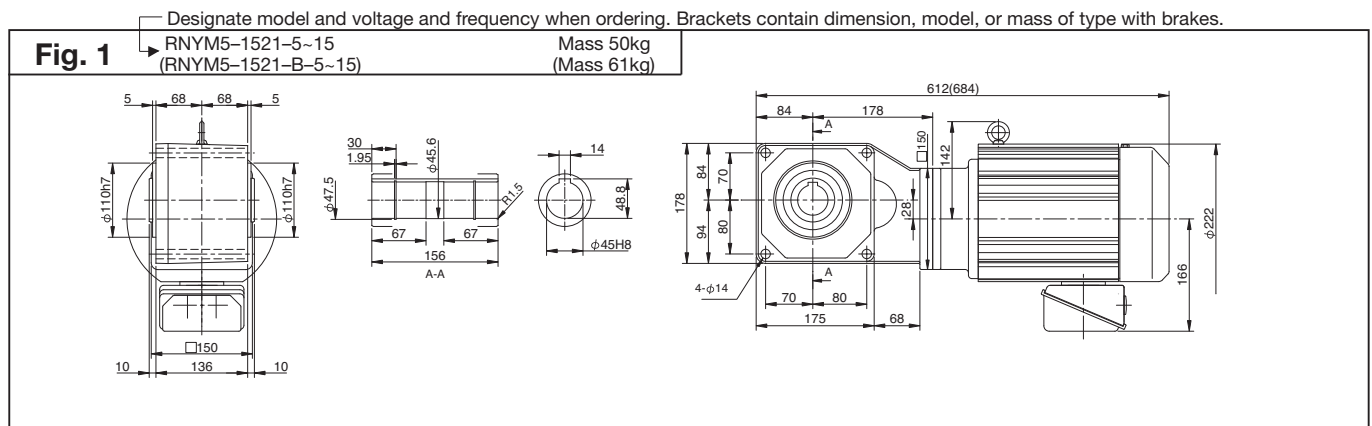


RNYM Series Hollow Shaft Type

Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
290	350	104	85.9	10.6	8.76	1.00 1.49	3140	2940	320	300	5 — 1521	— 5	1	
										5 — 1522	— 5	2		
207	250	145	120	14.8	12.3	1.00 1.49	3530	3330	360	340	5 — 1521	— 7	1	
										5 — 1522	— 7	2		
145	175	207	172	21.1	17.5	1.00 1.49	3920	3730	400	380	5 — 1521	— 10	1	
										5 — 1522	— 10	2		
121	146	249	206	25.4	21.0	1.00 1.49	4120	3970	420	405	5 — 1521	— 12	1	
										5 — 1522	— 12	2		
96.7	117	311	258	31.7	26.3	1.00 1.49	4410	4220	450	430	5 — 1521	— 15	1	
										5 — 1522	— 15	2		

Notes : 1. Motor slippage may affect n₁ and n₂.
2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).
3. Dimensions and Masses in the drawings are subject to change without notice.



3.7kW 3-phase Motor



3.7

kW

RNYM Series Hollow Shaft Type

Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
72.5	87.5	415	344	42.3	35.0	1.00	4810	4610	490	470	5 — 1521	— 20	3	
						1.49	7700	7350	785	750	5 — 1633	— 20	4	
58.0	70.0	518	430	52.9	43.8	1.00	5100	4900	520	500	5 — 1521	— 25	3	
						1.49	8090	7750	825	790	5 — 1633	— 25	4	
48.3	58.3	622	516	63.4	52.6	1.00	8380	8090	855	825	5 — 1632	— 30	5	
						1.49					5 — 1633	— 30	4	
36.3	43.8	830	687	84.6	70.1	1.00	8830	8480	900	865	5 — 1632	— 40	5	
						1.49					5 — 1633	— 40	4	
29.0	35.0	1040	859	106	87.6	1.00	9120	8880	930	905	5 — 1632	— 50	5	
24.2	29.2	1240	1030	127	105	1.00	9410	9170	960	935	5 — 1632	— 60		

Notes : 1. Motor slippage may affect n₁ and n₂.

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.

Designate model and voltage and frequency when ordering. Brackets contain dimension, model, or mass of type with brakes.

Fig. 3

RNYM5-1521-20~25
(RNYM5-1521-B-20~25)

Mass 50kg
(Mass 61kg)

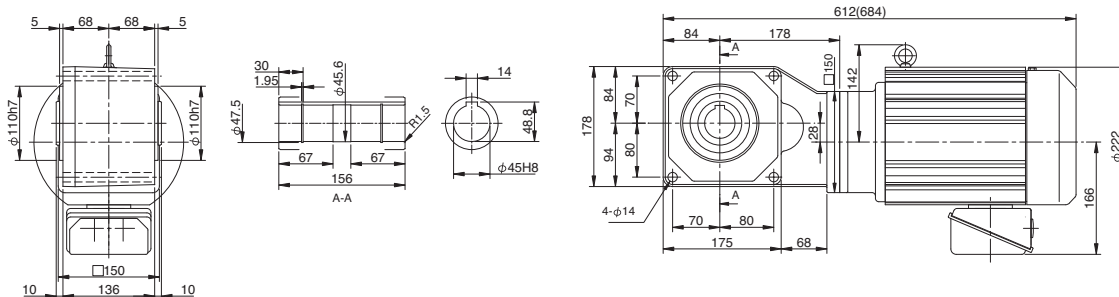


Fig. 4

RNYM5-1633-20~40
(RNYM5-1633-B-20~40)

Mass 70kg
(Mass 81kg)

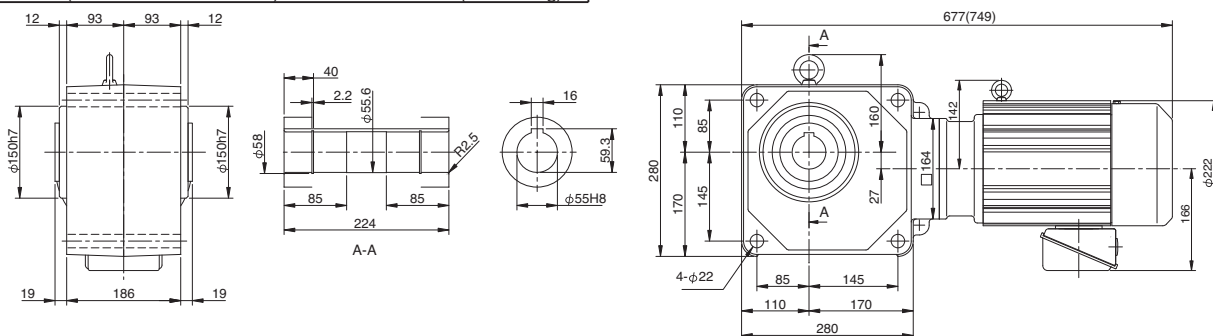
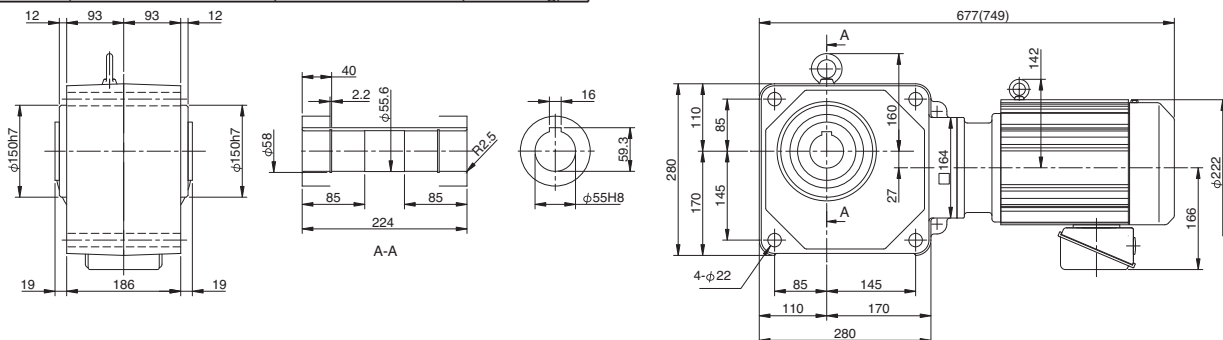


Fig. 5

RNYM5-1632-30~60
(RNYM5-1632-B-30~60)

Mass 69kg
(Mass 80kg)



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".

2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.

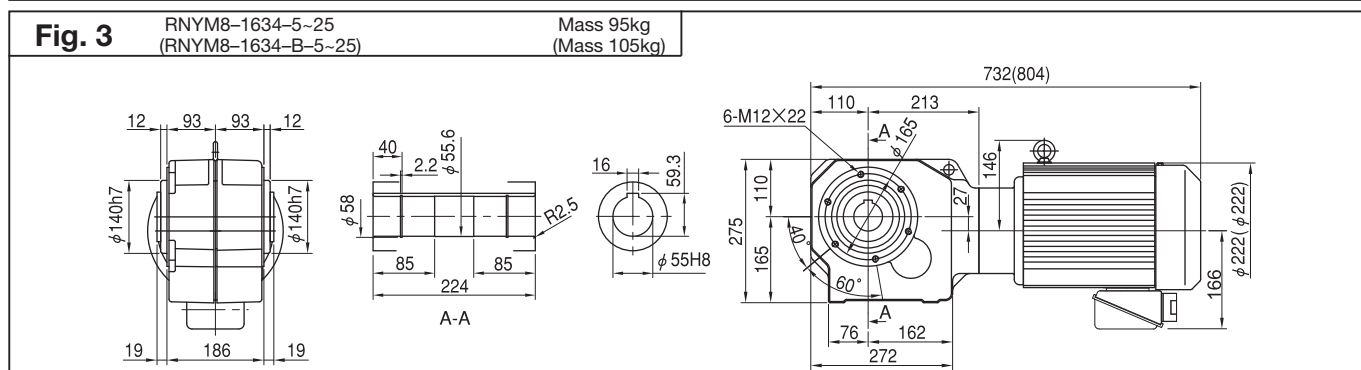
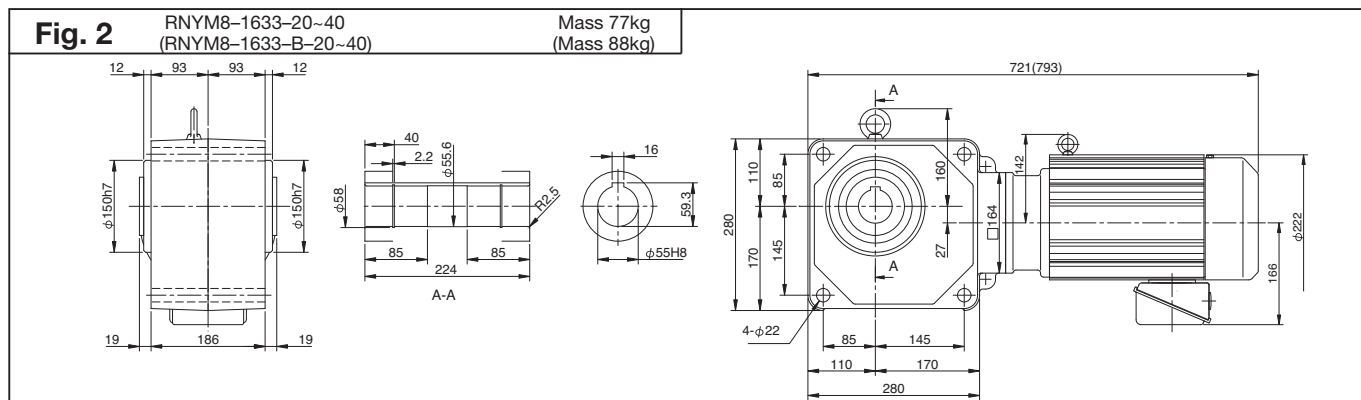
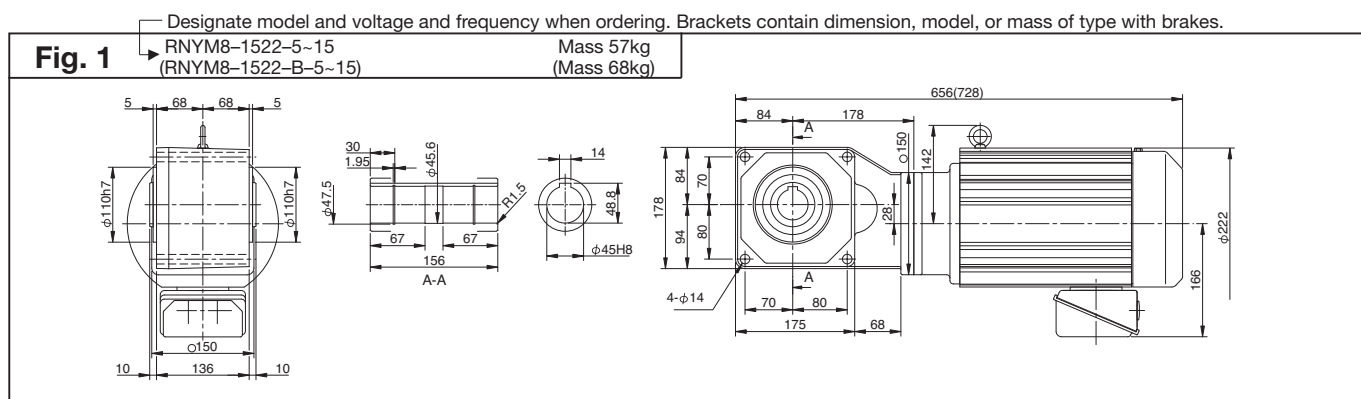
RNYM Series Hollow Shaft Type

Motor Speed n_1	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ₂ r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz				
290	350	154	128	15.7	13.0	1.00	3140	2940	320	300	8 — 1522	— 5	1	
						2.00	5000	4760	510	485	8 — 1634	— 5	3	
207	250	216	179	22.0	18.2	1.00	3530	3330	360	340	8 — 1522	— 7	1	
						2.00	5590	5250	570	535	8 — 1634	— 7	3	
145	175	308	255	31.4	26.0	1.00	3920	3730	400	380	8 — 1522	— 10	1	
						2.00	6230	5930	635	605	8 — 1634	— 10	3	
121	146	370	307	37.7	31.3	1.00	4120	3970	420	405	8 — 1522	— 12	1	
						2.00	6620	6330	675	645	8 — 1634	— 12	3	
96.7	117	462	383	47.2	39.1	1.00	4410	4220	450	430	8 — 1522	— 15	1	
						2.00	6960	6670	710	680	8 — 1634	— 15	3	
72.5	87.5	617	511	62.9	52.1	1.00	7700	7350	785	750	8 — 1633	— 20	2	
						2.00					8 — 1630	— 20	3	
58.0	70.0	771	639	78.6	65.1	1.00	8090	7750	825	790	8 — 1633	— 25	2	
						1.92					8 — 1630	— 25	3	
48.3	58.3	925	766	94.3	78.1	1.00	8380	8090	855	825	8 — 1633	— 30	2	
36.3	43.8	1230	1020	126	104	1.00	8830	8480	900	865	8 — 1633	— 40	3	

Notes : 1. Motor slippage may affect n_1 and n_2 .

2. Allowable radial load shows the value when the distance from hollow shaft end to the point of radial load is 20 mm.



Notes : 1. Output shaft diameter dimensions : Dimension tolerance in accordance with JIS B 0401-1976 "H8".
2. Output shaft keyway dimensions : Dimension tolerance in accordance with JIS B 1301-1996 parallel key (Normal Grade).

3. Dimensions and Masses in the drawings are subject to change without notice.

7.5kW 3-phase Motor



7.5
kW

RNYM Series Hollow Shaft Type

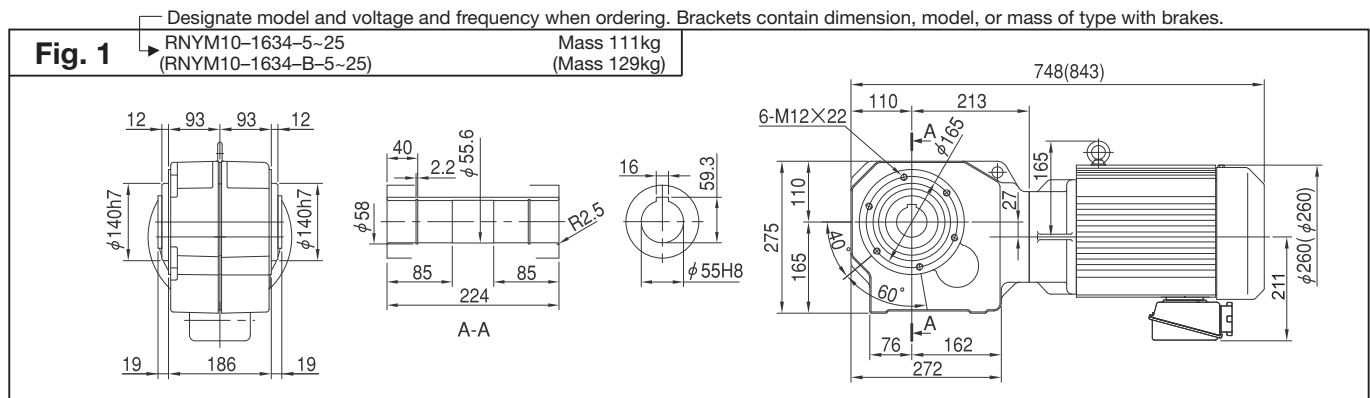
Motor Speed	n ₁	50Hz	1450r/min
		60Hz	1750r/min

Output speed n ² r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.		
		Nm		kgf m			N		kgf							
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz						
290	350	210	174	21.4	17.8	1.47	5000	4760	510	485	10	–	1634(-B)	–	5	1
207	250	294	244	30.0	24.9	1.47	5590	5250	570	535	10	–	1634(-B)	–	7	
145	175	420	348	42.9	35.5	1.47	6230	5930	635	605	10	–	1634(-B)	–	10	
121	146	504	418	51.4	42.6	1.47	6620	6330	675	645	10	–	1634(-B)	–	12	
96.7	117	631	522	64.3	53.3	1.47	6960	6670	710	680	10	–	1634(-B)	–	15	
72.5	87.5	841	697	85.7	71.0	1.47	7700	7350	785	750	10	–	1634(-B)	–	20	
58.0	70.0	1050	871	107	88.8	1.41	8090	7750	825	790	10	–	1634(-B)	–	25	

- Notes: 1. Output shaft speed is the representative value when motor speed is: 1450r/min at 50Hz and 1750r/min at 60Hz. Refer to Technical Data for details.
2. Allowable radial load of output shaft is the value 20mm from the end of the output shaft.
3. Figure inside the bracket () shows the nomenclature for unit with brake.

Hollow Shaft

3-phase



- Notes: 1. Output shaft diameter: Dimension tolerance conforms to JIS B 0401-1976 "H8."
2. Shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."
3. Dimension and mass shown in the above drawings are subject to change without prior notice.
4. Safety cover is attached to the output shaft part in this product. Refer to Technical data for detailed dimensions of the safety cover.

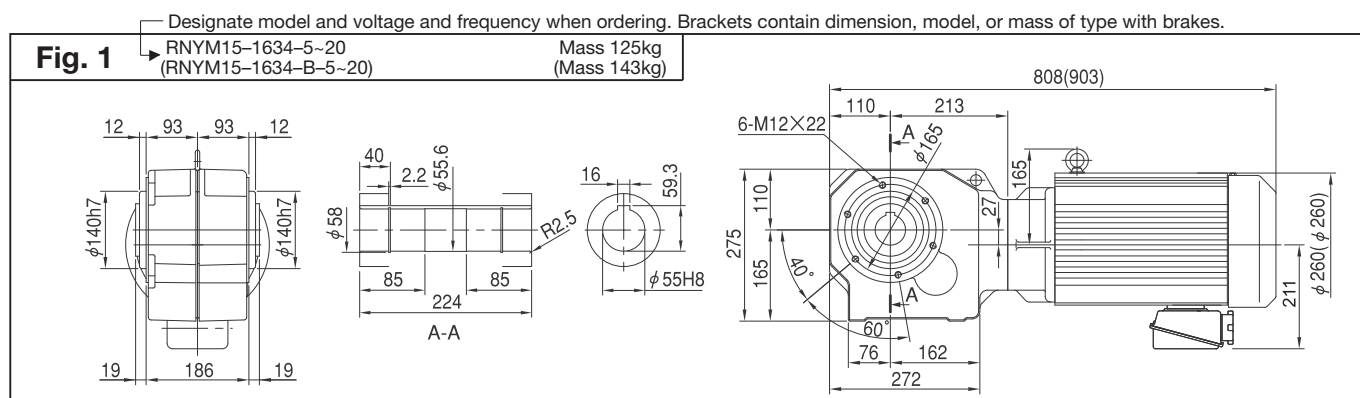


RNYM Series Hollow Shaft Type

Motor Speed n ₁	50Hz	1450r/min
60Hz	1750r/min	

Output speed n ² r/min		Output Torque Tout				SF	Allowable Pro				Capacity Symbol	Frame Size	Reduction Ratio	Outline Drawing Fig.
		Nm		kgf m			N		kgf					
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	1.00	5000	4760	510	485	15 – 1634(-B) – 5	1		
290	350	308	255	31.4	26.0	1.00	5590	5250	570	535				
207	250	432	358	44.0	36.5	1.00	6230	5930	635	605				
145	175	617	511	62.9	52.1	1.00	6620	6330	675	645				
121	146	740	613	75.4	62.5	1.00	6960	6670	710	680				
96.7	117	925	766	94.3	78.1	1.00	7700	7350	785	750				

- Notes: 1. Output shaft speed is the representative value when motor speed is: 1450r/min at 50Hz and 1750r/min at 60Hz. Refer to Technical Data for details.
2. Allowable radial load of output shaft is the value 20mm from the end of the output shaft.
3. Figure inside the bracket () shows the nomenclature for unit with brake.



- Notes: 1. Output shaft diameter: Dimension tolerance conforms to JIS B 0401-1976 "H8."
2. Shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."
3. Dimension and mass shown in the above drawings are subject to change without prior notice.
4. Safety cover is attached to the output shaft part in this product. Refer to Technical data for detailed dimensions of the safety cover.

