

## 1. Inspection Upon Delivery

### **! CAUTION**

- Unpack the unit after verifying that it is positioned right side up; otherwise, injury may result.
- Verify that the unit received is in fact the one you ordered. Installing the wrong unit may result in personal injury or equipment damage.
- Do not remove the rating plate.

Verify the items listed below upon receiving the gearmotor. If a nonconformity or problem is found, contact our nearest agent, distributor, or sales office.

- (1) Does the information on the rating plate conform to what you ordered ?
- (2) Was there any part broken during transport ?
- (3) Are all bolts and nuts tightened firmly ?

### 1-1) How to Refer to the Rating Plate

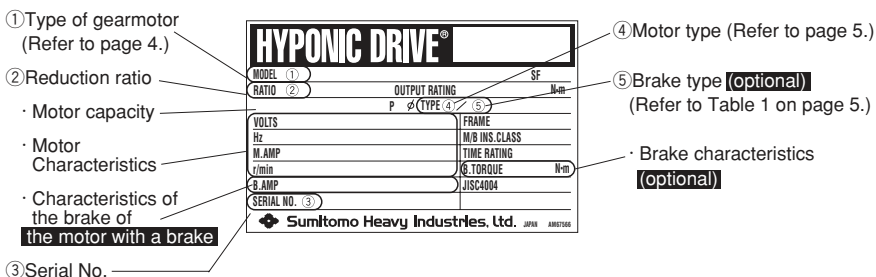


Fig.1 Gearmotor Rating Plate

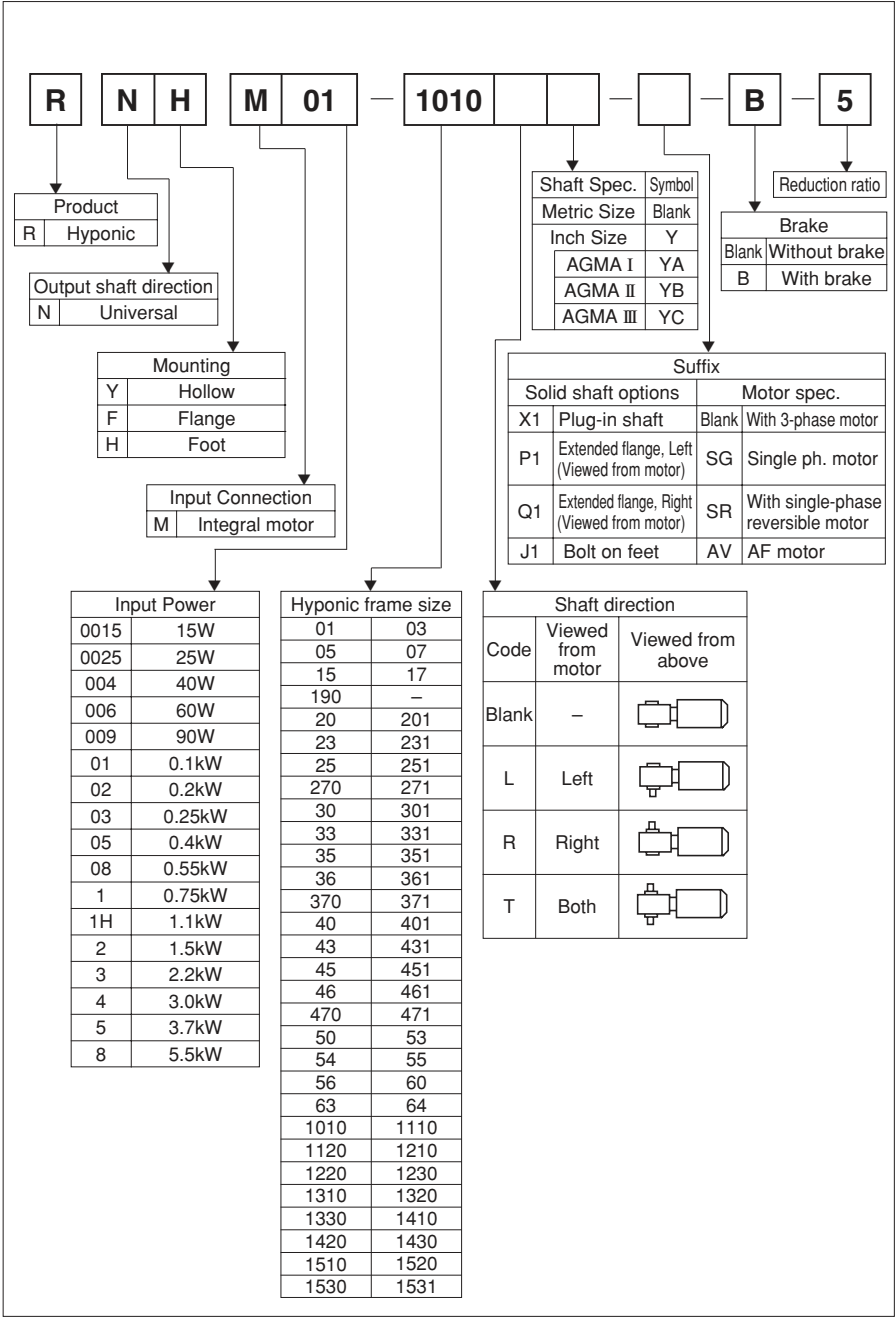
- When making an inquiry, advise us of ① the gearmotor type, ② reduction ratio, and ③ serial No.

### 1-2) Lubrication Method **COMMON**

All models of Hyponic drives, are grease-lubricated. They are grease-packed when shipped from our factory and arrive ready to operate.

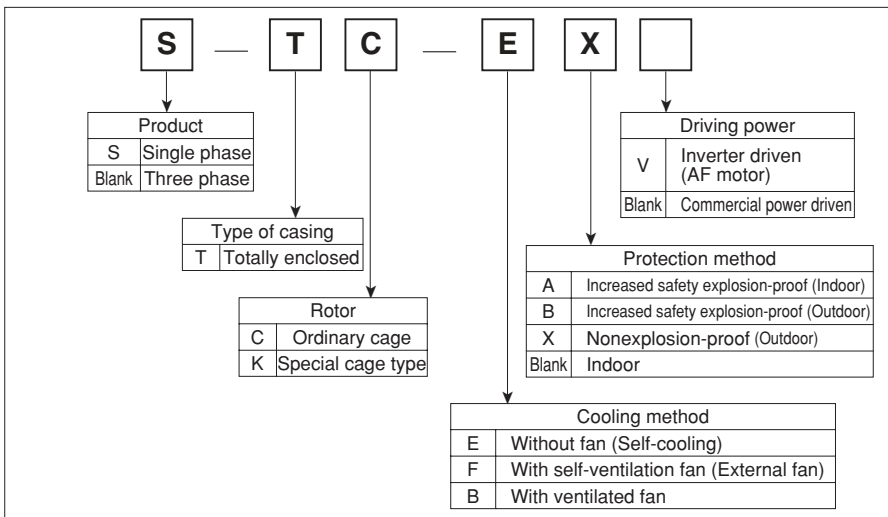
**1-3) Nomenclature of Gearmotor**

Respective codes and Hyponic nomenclature are shown below. Please verify that the type of gearmotor you received conforms to what you ordered.



### 1-4) Type of Motor

Respective codes and motor nomenclature are shown below. Please verify that the gearmotor type you received conforms to what you ordered.



### 1-5) Brake Type O B

The types of brake and the relationship between the motor capacity and brake delay time are as follows:

Table 1-1 Brake Type (15W-90W)

Brake Type	Frame size	Motor capacity		Brake delay time (sec)	
		3-phase motor	Single phase motor	Normal braking action (3-phase single phase motor)	Fast braking action
SB-004	01, 03, 05, 07	15, 25, 40, 60W	15, 25, 40W	0.1-0.2	0.005-0.015
FB-003	17	40W	40W		
FB-005	15, 17	60, 90W	60, 90W	0.1-0.12	0.05-0.06
FB-01A1, FB-01A	36, 361	90W	———	0.15-0.2	0.015-0.02

Table 1-2 Brake Type (0.1kW-5.5kW)

Brake Type	Motor capacity			Brake delay time (sec)		
	3-phase motor	3-phase inverter motor	Single phase motor	Normal braking action (3-phase single phase motor)	Normal braking action (3-phase inverter motor)	Fast braking action
FB-01A1, FB-01A	0.1kW	/	0.1kW	0.15-0.2	/	0.015-0.02
FB-02A1, FB-02A	0.2kW	0.1kW	0.2kW			
FB-05A1, FB-05A	0.4kW	0.2kW	/	0.1-0.15	0.03-0.07	0.01-0.015
FB-1B	0.75kW	0.4kW	0.4kW			
FB-2B	1.5kW	0.75kW	0.75kW	0.2-0.3	0.1-0.15	0.01-0.02
FB-3B	2.2kW	1.5kW	/	0.3-0.4	0.15-0.2	
FB-5B	3.7kW	2.2kW	/	0.4-0.5	0.2-0.25	
FB-8B	5.5kW	3.7kW	/	0.3-0.4	0.1-0.15	

The standard brakes for **0.1, 0.2, 0.25 and 0.4kW 3-phase motors** and **0.1, 0.2kW 3-phase inverter motors** are FB-01A1, 02A1, and 05A1, but FB-01A, 02A, or 05A may be used for special motors. Check the name plate.