## **Brother AC Gearmotors**

### **TERMINAL BOX / LEADS OPTIONS**

### Fig. 1.18: "A" Box: G3, H2 Models 3 Phase: 1/8, 1/4, 1/2 Hp; 1 Phase: 1/8, 1/4 Hp



N1 (1/8 Hp 3Ø only)	1.87	—		—	—
N (motor)	_	3.09	3.33	3.09	3.29
N (Brakemotor)	3.44	3.76	4.10	3.44	3.96
М	4.61	4.61	4.84	4.61	4.61

### Fig. 1.20: "S" Box: G3, H2 Models 1/2 Hp Single Phase; 1, 2, 3 Hp Three Phase



	2			
Dim	1/2 Hp	1 Hp	2 HP	3 Hp
N (motor)	3.98	2.36	2.78	2.78
N (Brakemotor)	4.25	2.78	3.58	3.58
Μ	4.80	4.80	5.24	5.24

# Fig 1.22: "E" Box: IP-65 G3, H2 Models 1/8, 1/4, 1/2, 1, 2, 3 Hp



## Fig. 1.24: 1/8 Hp 3 Phase G3, H2, F3 Models



### Fig. 1.19: "A" Box: F3 Model 3 Phase: 1/8, 1/4, 1/2 Hp; 1 Phase: 1/8, 1/4 Hp



	Three Phase			Single	Single Phase	
Dim	1/8 Hp	1/4 Hp	1/2 Hp	1/8 Hp	1/4 Hp	
N1 (1/8 Hp 3Ø only)	1.87	_	_	_	—	
N (motor)	_	3.09	3.33	3.09	3.29	
N (Brakemotor)	3.44	3.76	4.10	3.44	3.96	
Μ	4.61	4.61	4.84	4.61	4.61	

## Fig. 1.21: "S" Box: F3 Models

1/2 Hp Single Phase; 1, 2, 3 Hp Three Phase



	Single Phase	Inree Phase			
Dim	1/2 Hp	1 Hp	2 HP	3 Hp	
N (motor)	—	2.36	2.78	2.78	
N (Brakemotor)	—	2.78	3.58	3.58	
M	_	4.80	5.24	5.24	

## Fig 1.23: "E" Box: IP-65 F3 Models 1/8, 1/4, 1/2, 1, 2, 3 Hp



# Fig. 1.25: 1/8, 1/4, 1/2 Hp 1 Phase & 3 Phase G3, H2, F3 Models



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## **T-BOX POSITION OPTION CODES**

## Fig 1.24A: Directing the Position of the Terminal Box or Lead Wires



## Fig 1.24B: Directing the Position of the Terminal Box or Lead Wires



- 1. Please select the "X" at the end of the gearmotor part number and indicate the position code per the applicable chart.
- 2. If the standard box position is desired or acceptable, there is no need to make any designation.
- 3. The position of the 1/8 and 1/4 Hp models cannot be rotated in the field in 90 degree increments. Positioning at 90 degree increments is achieved in the factory by position of the tapped mounting holes. Please be careful and specify prior to shipment.

