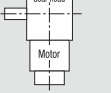
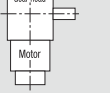


MODEL AND TYPE DESIGNATIONS

Brother Brushless DC Gearmotors are categorized under the designation codes below. Please specify these codes when placing an order or making an inquiry.

Motor Models	Series	Mounting Type	Motor Type	Frame No.	Shaft Arrangement	Nominal Reduction Ratio	Common Code	Motor Power	Voltage	Motor Version	Option
	V	GL	C	12		30	N	50	L1	A	
	V	HL	D	28	L	80	N	200	L4	A	X
	V	F3S	C	25		30	N	200	L2	A	
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑩

① Series	V : V Series (Brushless Variable-Speed Gearmotor)		
② Mounting Type	GL : Parallel Shaft (Foot Mount)		
	GK : Parallel Shaft (Flange Mount)		
	HL : Right Angle Shaft (Foot Mount)		
	F3S : Right Angle Hollow Bore		
③ Motor Type	C : Includes Motor		
	D : Includes Brake-motor		
④ Frame Number	Output Shaft Diameter (Hollow Bore Inner Diameter)		
⑤ Shaft Arrangement	Parallel Shafts, Right Angle Hollow Bore	Right Angle Shafts	
	Blank: Not Applicable	L: Looking from the input-shaft side, the output shaft protrudes on the left. 	R: Looking from the input-shaft side, the output shaft protrudes on the right. 
⑥ Nominal Reduction Ratio	5 : 1 / 5 240 : 1 / 240		
⑦ Common Code	N : Shared Code		
⑧ Motor Power	50 : 50W		
	100 : 100W		
	200 : 200W		
	400 : 400W		
⑨ Voltage	L1 : DC12V		
	L2 : DC24V		
	L4 : DC48V		
⑩ Motor Version	A : Motor Version		
⑩ Option	Blank : Standard Specification		
	X : Designates a special option. Please refer to pg. T28 and T29 for a list of options along with instructions on how to order.		