

		Series	C-SD	Reference
Motor armature resistance [Ω] (line-to-line) (line-to-neutral)			0.181 0.091	25°C
Motor inductance [mH]	Ld	Current 15A	2.90	
		Current 20A	2.74	
		Current 25A	2.59	
	Lq	Current 15A	4.28	
		Current 20A	3.86	
		Current 25A	3.54	
Permanent magnet flux Armature flux linkages (Φ_a) [Wb]			0.209	Calculation data (line)
Back electromotive force constant (K_e) [$V/1000\text{min}^{-1}$]			65.7	Calculation data (line)
Torque coefficient (K_t) [$N \cdot m / A$]			1.029	Motor tested at around 40°C
Rotor inertia [$\text{kg} \cdot \text{mm}^2$]			4143	Motor + Balance block
De-magnetizing Limit Current [$A_{0\text{-peak}}$]			73	When discharge Temp. is 120°C

		Series	C-SD	Reference
Motor armature resistance [Ω] (line-to-line) (line-to-neutral)			0.199 0.100	25°C
Motor inductance [mH]	Ld	Current 15A	3.14	
		Current 20A	2.96	
		Current 25A	2.79	
	Lq	Current 15A	4.32	
		Current 20A	3.90	
		Current 25A	3.57	
Permanent magnet flux Armature flux linkages (Φ_a) [Wb]			0.199	Calculation data (line)
Back electromotive force constant (K_e) [$V/1000\text{min}^{-1}$]			62.6	Calculation data (line)
Torque coefficient (K_t) [$N \cdot m / A$]			0.977	Motor tested at around 40°C
Rotor inertia [$\text{kg} \cdot \text{mm}^2$]			3713	Motor + Balance block
De-magnetizing Limit Current [$A_{0\text{-peak}}$]			68	When discharge Temp. is 120°C