



		Samples available	Samples available	
	Units	210-102	210-101	
Design and Accessories				
1	Commutation	Precious Metal Brush	Precious Metal Brush	
2	No. of Output Shafts		1	1
3	Unit Weight	g	7.5	7.5
4	Body Diameter	mm	10	10
5	Body Length	mm	24.1	24.1
Physical Characteristics				
6	Shaft Diameter	mm	2.5	2.5
7	Shaft Length	mm	10	10
8	Shaft Orientation		Inline	Inline
9	Motor Construction		Iron Core	Iron Core
Operational Characteristics				
10	Rated Operating Voltage	V	3	3
11	Rated Load	mN·m	20	8
12	Rated Load Speed	rpm	53	134
13	N/L Speed	rpm	67	170
14	Max. N/L Current	mA	80	80
15	Max. Rated Load Current	mA	185	185
16	Max. Stall Current	mA	560	560
17	Typical Rated Load Power Consumption	mW	426	430
18	Typical N/L Current	mA	50	42
19	Typical Peak Efficiency	%	26	27
20	Typical Peak Eff. Torque	mN·m	22	10.7
21	Typical Peak Eff. Speed	rpm	52	125
22	Typical Peak Eff. Current	mA	152	174
23	Typical Peak Eff. Power Out	mW	120	140
24	Typical Max. Output Power	mW	168	185
25	Typical Stall Torque	mN·m	60	30
Gear Characteristics				
26	Gear Ratio	:	250	100
27	Gearhead Type		Spur	Spur
Winding Characteristics				

28	Typical Terminal Resistance	Ohm	5	5
29	Typical Terminal Inductance	uH	720	720
Environmental Characteristics				
30	Max. Operating Temp.	°C	60	60
31	Min. Operating Temp.	°C	-10	-10
32	Max. Storage & Transportation Temp.	°C	80	80
33	Min. Storage & Transportation Temp.	°C	-30	-30
Packaging				
34	No. of Units per Carton	pcs	500	500
Motor Body Characteristics		Performance		
35	No. of Poles			

