



		Samples available			
		Units	206-110		
Design and Accessories					
1	Commutation	Precious Metal Brush			
2	No. of Output Shafts	1			
3	Unit Weight	g	1.2		
4	Body Diameter	mm	6		
5	Body Length	mm	16.3		
6	Rotation Direction	CW			
7	Bearing Type	Sintered Bronze			
Physical Characteristics					
8	Shaft Diameter	mm	2		
9	Shaft Length	mm	3.6		
10	Shaft Orientation	Inline			
11	Motor Construction	Coreless			
Operational Characteristics					
12	Rated Operating Voltage	V	3		
13	Rated Load	mN-m	1		
14	Rated Load Speed	rpm	600		
15	N/L Speed	rpm	1,200		
16	Max. Start Voltage	V	1		
17	Max. N/L Current	mA	50		
18	Max. Operating Voltage	V	3.6		
19	Max. Rated Load Current	mA	110		
20	Min. Insulation Resistance	MOhm	1		
21	Max. Start Current	mA	230		
22	Typical Rated Load Power Consumption	mW	280		
23	Typical N/L Current	mA	35		
24	Typical Peak Efficiency	%	29		
25	Typical Peak Eff. Torque	mN-m	0.8		
26	Typical Peak Eff. Speed	rpm	850		
27	Typical Peak Eff. Current	mA	80		
28	Typical Peak Eff. Power Out	mW	70		
29	Typical Start Current	mA	185		

30	Typical Max. Output Power	mW	85
31	Typical Stall Torque	mN·m	2.3

Gear Characteristics

32	Gear Ratio	:1	25
33	Gearhead Type	Planetary	

Leads & Connectors Characteristics

34	Lead Length	mm	100
35	Lead Wire Gauge	AWG	32
36	Lead Configuration	Straight	
37	Lead Strip Length	mm	1.5

Winding Characteristics

38	Typical Terminal Resistance	Ohm	14.5
39	Typical Terminal Inductance	uH	70

Environmental Characteristics

40	Max. Operating Temp.	°C	60
41	Min. Operating Temp.	°C	-10
42	Max. Storage & Transportation Temp.	°C	70
43	Min. Storage & Transportation Temp.	°C	-20

Packaging

44	No. Units per Carton	pcs	2,000
45	Carton Type	Boxed Trays	

Motor Body Characteristics

46	No. of Poles		
47	Shaft Axial Float	mm	

Performance