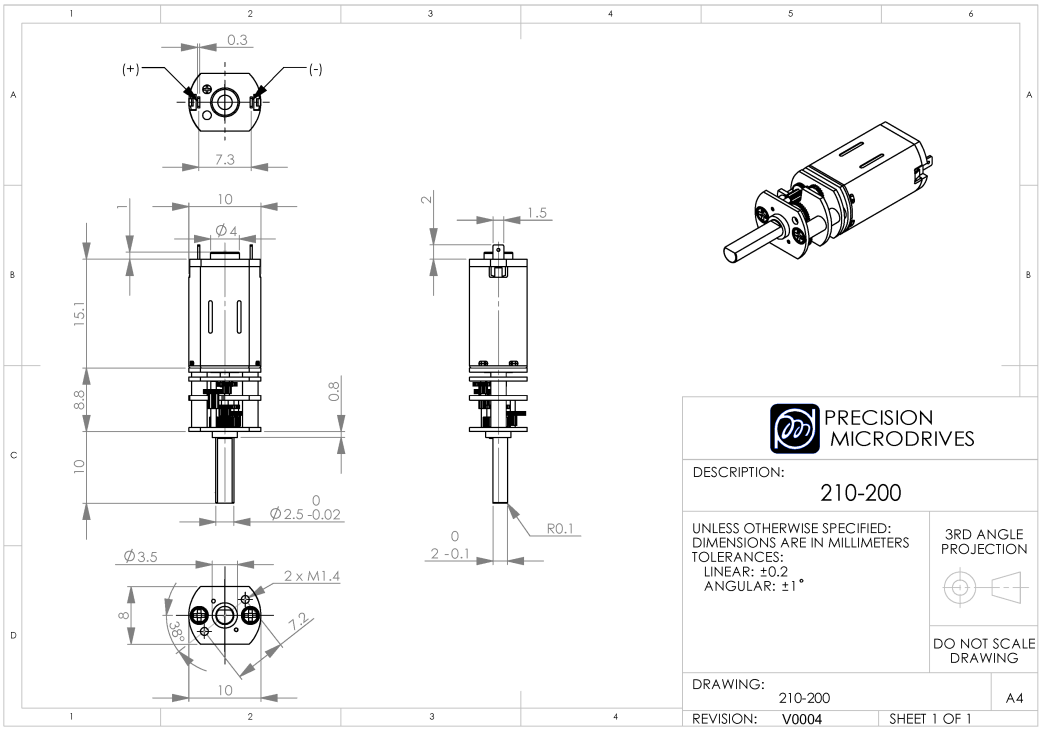
210-200 10mm DC Gearmotor - 24mm Type



			Samples available	Samples available		
		Units	**210-200**	**210-201**		
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	6	6		
11	Rated Load	mN·m	8	20		
12	Rated Load Speed	rpm	144	52		
13	N/L Speed	rpm	170	68		
14	Max. Start Voltage	V	1	1.2		
15	Max. N/L Current	mA	40	40		
16	Max. Operating Voltage	V	9	9		
17	Max. Rated Load Current	mA	100	110		
18	Max. Stall Current	mA	320	320		
19	Typical Rated Load Power Consumption	mW	410	504		
20	Typical N/L Current	mA	25	27		
21	Typical Peak Efficiency	%	33	23		
22	Typical Peak Eff. Torque	mN·m	10.6	20.5		
23	Typical Peak Eff. Speed	rpm	135	51		
24	Typical Peak Eff. Current	mA	78	85		
25	Typical Peak Eff. Power Out	mW	150	111		
26	Typical Max. Output Power	mW	205	155		
27	Typical Stall Torque	mN·m	29	55		
Gear Characteristics						
28	Gear Ratio	:1	100	250		

29	Gearhead Type		Spur	Spur
Winding Characteristics				
30	Typical Terminal Resistance	Ohm	20	20
31	Typical Terminal Inductance	uH	3,020	3,020
Environmental Characteristics				
32	Max. Operating Temp.	°C	60	60
33	Min. Operating Temp.	°C	-10	-10
34	Max. Storage & Transportation Temp.	°C	80	80
35	Min. Storage & Transportation Temp.	°C	-30	-30
Packaging				
36	No. Units per Carton	pcs	500	500

Motor Body Characteristics	**Performance**
37 No. of Poles