

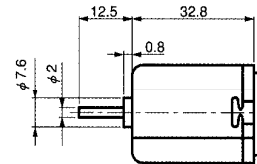
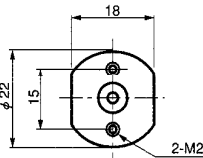
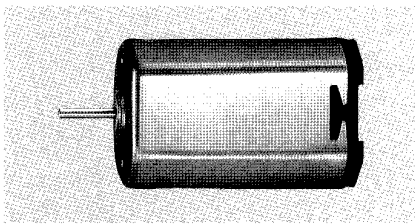
Canon Iron Core Motor

DN22 series

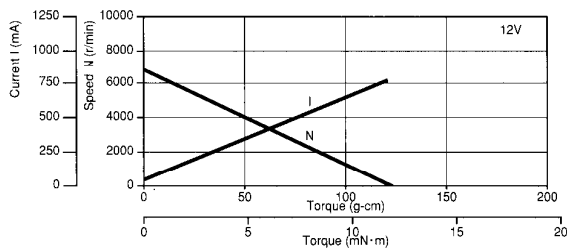
- Skewed armature for low cogging
- High grade magnet for high power output
- Matching gear heads & encoders available as options

Representative applications

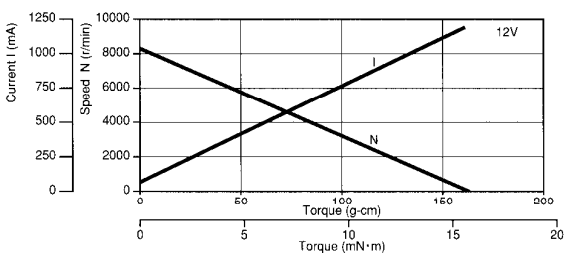
- Transport mechanism for cards or bills
- Pan/tilt mechanism for surveillance cameras
- Paper handling mechanism for printers



DN22 middle speed type



DN22 high speed type



		DN22 middle speed type		DN22 high speed type		
Rated	Voltage	V	12	24	12	24
	Power output	W	1.4	1.4	1.8	1.8
	Torque	mN·m	2.45	2.45	2.45	2.45
No load	Speed	r/min	5,400	5,400	7,000	7,000
	Current	mA	190	100	230	120
	Starting torque	mN·m	10.8	11.8	15.7	15.2
Torque constant		g-cm	110	120	100	100
		mN·m/A	15.9	31.1	12.5	25.2
Voltage constant		V/1000 r/min	1.66	3.25	1.31	2.64
		g-cm/A	162	317	127	257
Winding resistance	Ω		17.3	62.5	9.4	38.2
Winding inductance	mH		7.6	28.4	4.4	21.0
Moment of inertia	g-cm ²		3.7	3.7	3.7	3.7
Mechanical constant	mS		25	24	23	22
Thermal resistance	°C/W		42	42	42	42

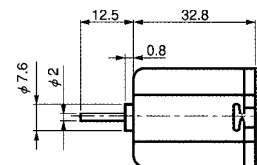
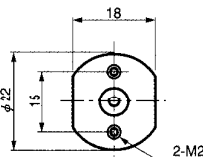
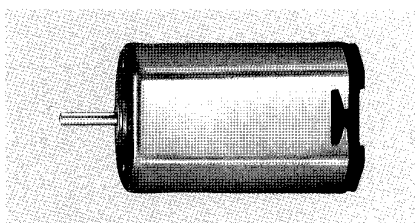
Winding change and/or options possible for meeting customized performance requirements

Representative applications

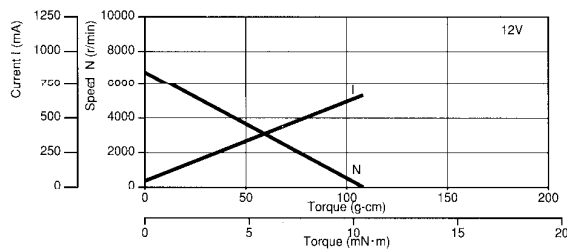
- Transport mechanism for cards or bills
- Pan/tilt mechanism for surveillance cameras
- Paper handling mechanism for printers

EN22 series

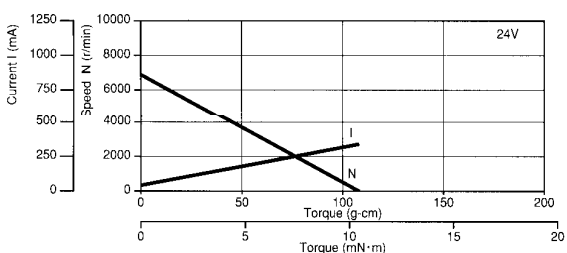
- 5-slot armature for low cogging
- High grade magnet for high power output
- Matching gear heads & encoders available as options



EN22 12V type



EN22 24V type



		EN22		
Rated	Voltage	V	12	24
	Power output	W	1.4	1.4
	Torque	mN·m	2.45	2.45
No load	Speed	r/min	5,400	5,400
	Current	mA	180	90
	Starting torque	mN·m	10.3	10.8
Torque constant		g-cm	105	110
		mN·m/A	16.1	32.7
Voltage constant		g-cm/A	164	333
		V/1000 r/min	1.69	3.42
Winding resistance	Ω		17.9	71.9
Winding inductance	mH		6.6	20
Moment of inertia	g-cm ²		4.3	4.3
Mechanical constant	mS		30	29
Thermal resistance	°C/W		38	38

Winding change and/or options possible for meeting customized performance requirements

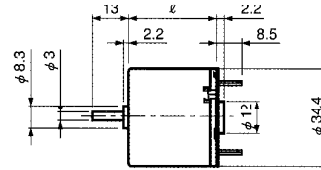
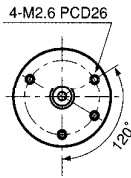
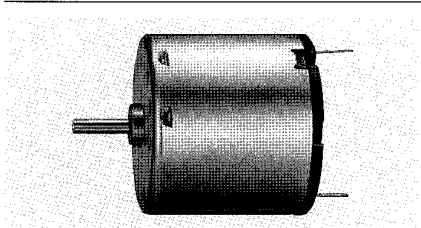
Canon Iron Core Motor

DN35 series

- High power output, low mechanical/electrical noise, long life
- 2 motor lengths enabling versatility
- Matching gear heads & encoders available as options

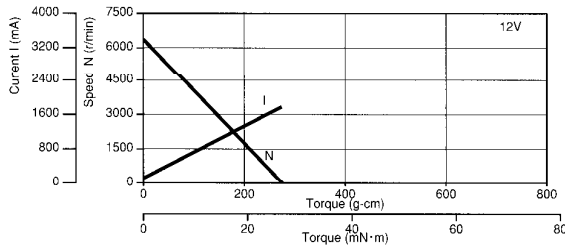
Representative applications

- Transport mechanism for cards or bills
- Vending machine product advance mechanism
- Paper handling mechanism for printers

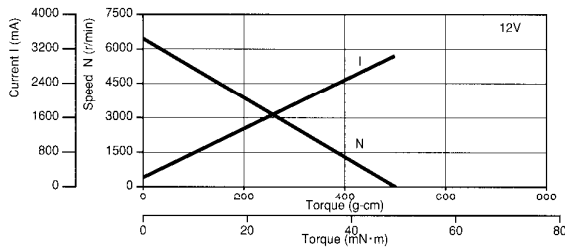


Type	ℓ
M	31.6
L	38.2

DN35 M type



DN35 L type



		DN35 M type		DN35 L type		
Rated	Voltage	V	12	24	12	24
	Power output	W	2.3	2.3	4.5	4.5
	Torque	mN·m	3.92	3.92	7.85	7.85
		g·cm	40	40	80	80
Speed	r/min	5,600	5,500	5,500	5,500	
	Current	mA	330	165	560	300
No load	Speed	r/min	6,500	6,500	6,550	6,500
	Current	mA	90	45	90	60
Starting torque	mN·m	28.4	25.5	49.0	49.0	
	g·cm	290	260	500	500	
	mN·m/A	16.0	35.8	17.0	33.1	
	g·cm/A	163	365	173	338	
Voltage constant	V/1000 r/min	1.68	3.75	1.78	3.47	
	Winding resistance	Ω	6.5	32.0	4.2	15.2
Winding inductance	mH	6.7	30.0	4.0	17.0	
Moment of inertia	g·cm ²	19.0	19.0	33.0	33.0	
Mechanical constant	mS	48	47	48	46	
Thermal resistance	°C/W	27	26	24	23	

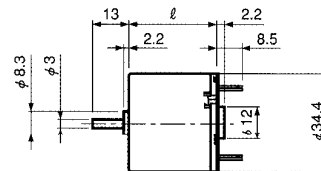
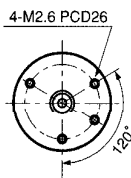
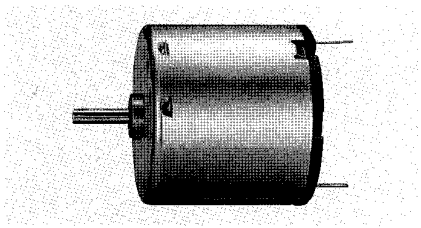
Winding change and/or options possible for meeting customized performance requirements

Representative applications

- 5-slot armature for low cogging
- High power output, low mechanical/electrical noise, long life
- Matching gear heads & encoders available as options

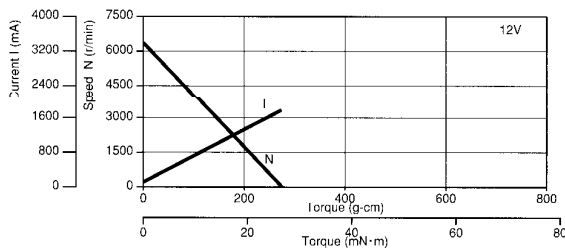
- Transport mechanism for cards or bills
- Vending machine product advance mechanism
- Paper handling mechanism for printers

EN35 series

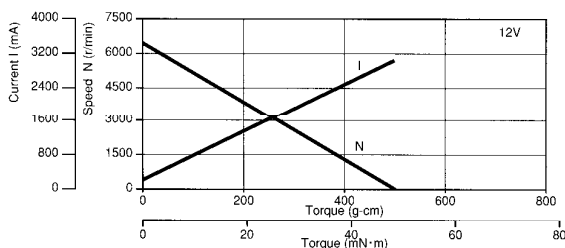


Type	ℓ
M	31.6
L	38.2

EN35 M type



EN35 L type



		EN35 M type		EN35 L type		
Rated	Voltage	V	12	24	12	24
	Power output	W	2.3	2.5	4.5	4.5
	Torque	mN·m	3.92	3.92	7.85	7.85
		g·cm	40	40	80	80
Speed	r/min	5,700	6,000	5,500	5,500	
	Current	mA	340	175	550	275
No load	Speed	r/min	6,500	6,900	6,600	6,600
	Current	mA	95	50	95	45
Starting torque	mN·m	31.4	29.4	46.1	49.0	
	g·cm	320	300	470	500	
	mN·m/A	16.1	30.8	17.1	33.7	
	g·cm/A	164	314	174	344	
Voltage constant	V/1000 r/min	1.68	3.22	1.78	3.53	
	Winding resistance	Ω	6.0	23.7	4.3	16.0
Winding inductance	mH	3.5	12.5	2.5	11.5	
Moment of inertia	g·cm ²	21	21	35	35	
Mechanical constant	mS	49	52	52	49	
Thermal resistance	°C/W	27	26	24	23	

Winding change and/or options possible for meeting customized performance requirements