

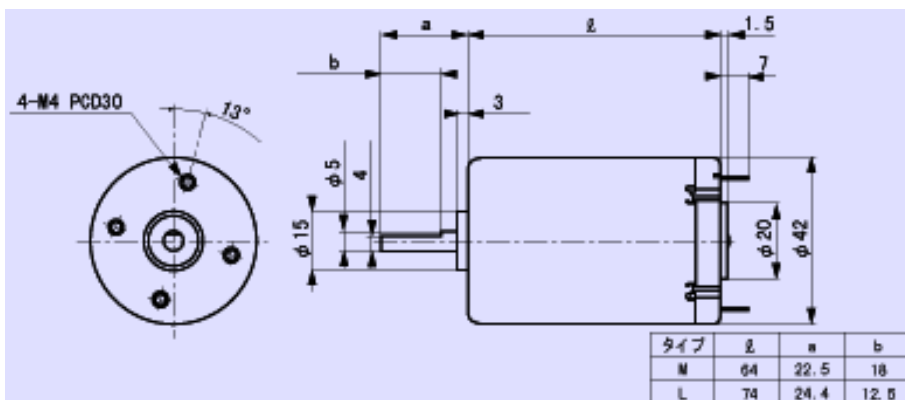
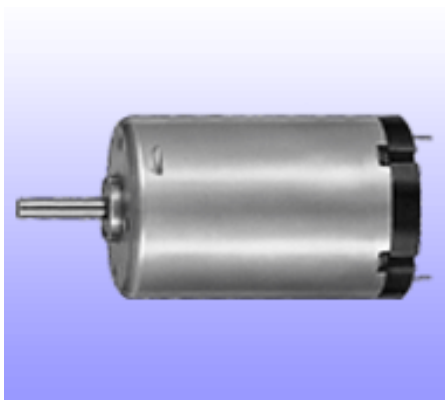
DC Motors

EN42 series

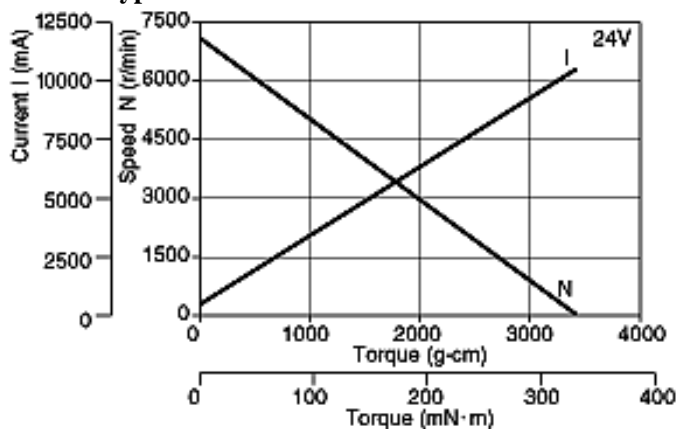
- Low cogging, high power output
- Low mechanical/electrical noise, high speed response
- 2 motor lengths enabling versatility

Representative applications

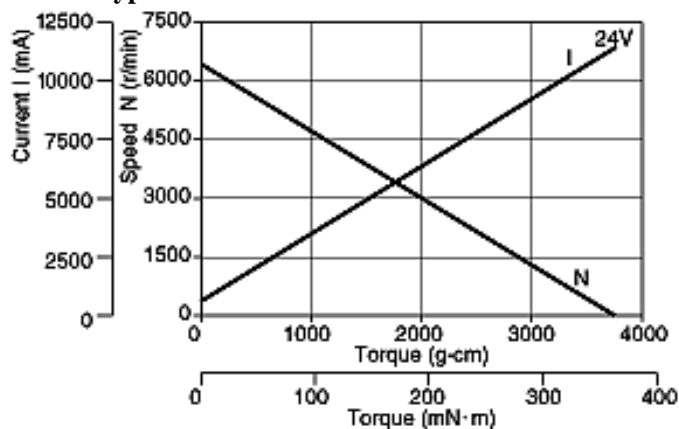
- Paper sorter/feeder for copier machines
- Printer carriage mechanism
- ATMs-printer, bill feeder, paper cutter, shutter mechanisms



EN42 M type



EN42 L type



			EN42 M type	EN42 L type
Voltage		V	24	24
R a t e d	Power output	W	25	29
	Torque	mN·m	39.2	49.0
		g-cm	400	500
	Speed	r/min	6,100	5,600
	Current	mA	1,400	1,700
N o l o a	Speed	r/min	7,000	6,500

^d Current	mA	230	250
Starting torque	mN·m	314	383
	g-cm	3,200	3,900
Torque constant	mN·m/A	32.6	33.9
	g-cm/A	332	346
Voltage constant	V/1000 r/min	3.41	3.55
Winding resistance	Ω	2.4	2.1
Winding inductance	mH	2.2	1.9
Moment of inertia	g-cm ²	136	150
Mechanical constant	mS	31	27
Thermal resistance	°C/W	14	9

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

[BACK](#)

COPYRIGHT(c)2002-2003 CANON PRECISION INC. ALL RIGHTS RESERVED.