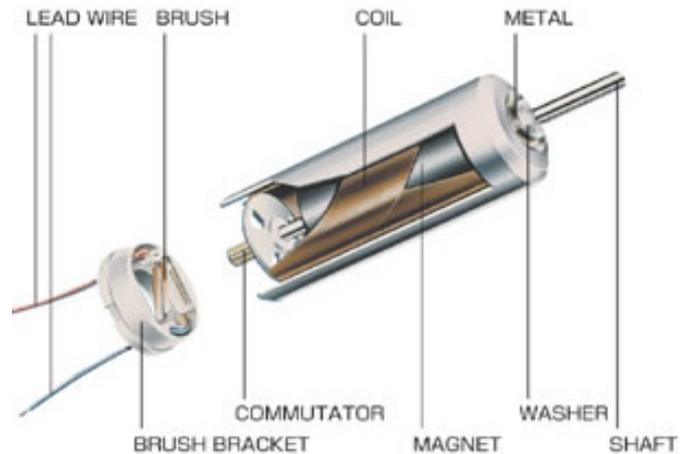


DC CORELESS MOTORS

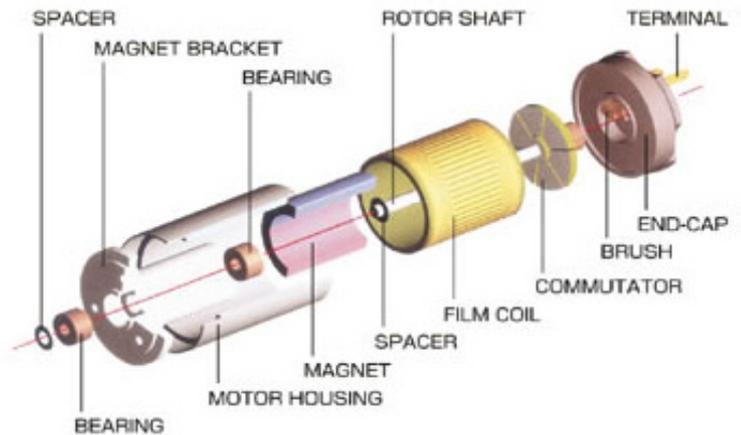
EVERCOM's high-precision technology has given rise to a one-of-a-kind performer, the Coreless DC Motor. The EVERCOM Coreless Motor relegates conventional motors and conventional motor wisdom to the past by incorporating with Nippon Sakura Power(NSP), our special Nd-Fe-B rare earth magnet, along with revolutionary armature which functions without an iron core.

The Coreless Motor is trusted for quality and employed in an array of fields worldwide. Think of it as a "strong silent type" of motor-small and noiseless, yet capable of extremely high output torque.

WIRE COIL TYPE CORELESS MOTORS



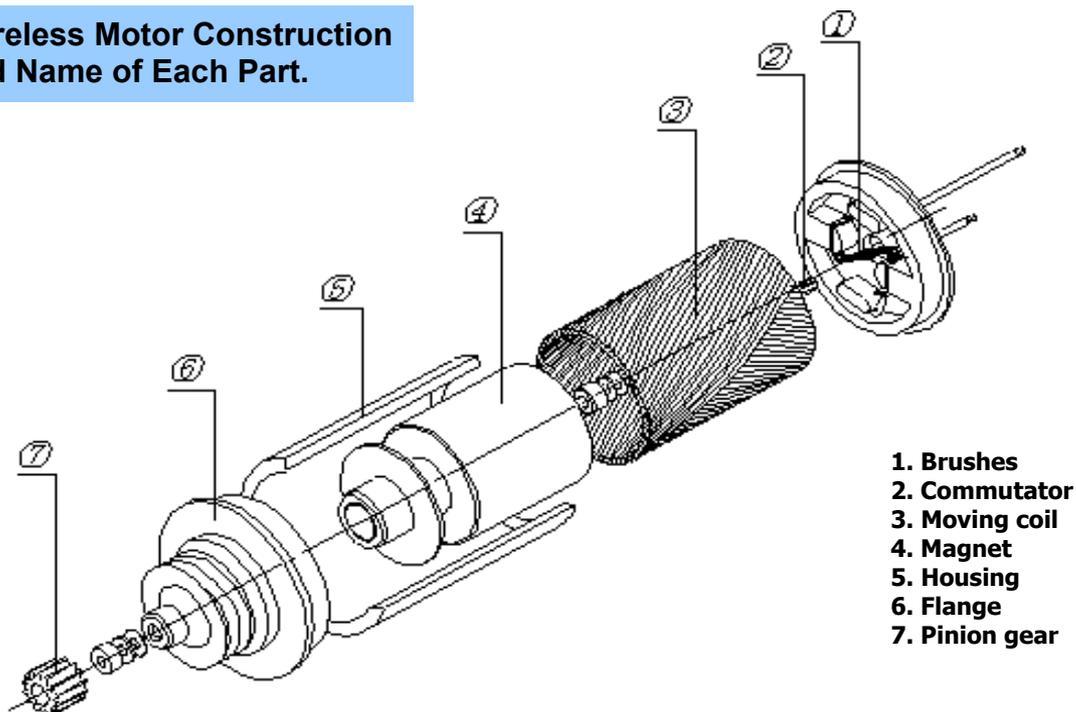
FILM COIL TYPE CORELESS MOTORS



Coreless Motors Outstanding features

- Compact design (Small size and light weight)
- Energy saving (Low current consumption)
- Low inertia and high controllability
(Low mechanical time constant and quick response)
- High efficiency (No steel core & high efficiency)
- Smooth motive power (Constant rotation without cogging and very smooth rotation)
- Superior rectification and Low electrical noise and long life.

Coreless Motor Construction and Name of Each Part.



1. Brushes
2. Commutator
3. Moving coil
4. Magnet
5. Housing
6. Flange
7. Pinion gear



Feature

- Nd-Fe-B Magnet Applied and High-Durability
- Low Current consumption and Very Low Electronic Noise.
- Ironless Armature offer smooth and quiet operation and no magnetic cogging.
- High efficiency , low current consumption and long life.

MOTOR & GEARED MOTOR TYPICAL PERFORMANCE

SIZE (mm)	Rated Output Power (W)	Rated Current (A)	Motor No-Load Speed (rpm)	Spur Gearhead Type							Planetary Gearhead Type					
				GM10	GM12	GM16	GT20	GT22	GM35	GM54	P16	P22	P32	P39	P42	P52
				 1/3~ 1/1000	 1/3~ 1/1000	 1/10~ 1/900	 1/5~ 1/900	 1/5~ 1/900	 1/6~ 1/3000	 1/5~ 1/1000		 1/4~ 1/2000	 1/4~ 1/2000	 1/5~ 1/720	 1/10~ 1/300	 1/4~ 1/3600
Gearhead Size (mm)	φ 10x 19L	φ 12x 15L	φ 16 x 18L	φ 20 x 20L	φ 22 x 22L	φ 37x 30L	□60 x 36L	φ 22x 25L	φ 22x 26L	φ 32x 36L	φ 39 x 29L	φ 42X 60L	φ 52x 50L			
EB10  φ 10x20L	0.22	0.09	15000~ 25000	0.03A ~ 0.18A	0.03A ~ 0.13A											
EB12  φ 16x20L	0.30	0.08	7000~ 10000		0.07A ~ 0.09A											
EB14  φ 14x20L	0.40	0..20	8000~ 13000			0.150A~ 0.30A										
EB16  φ 16x25L	0.50	0.25	8000~ 13000			0.20A~ 0.40A	0.20A~ 0.40A									
EB18  φ 18x25L	0.50	0.20	8000~ 13000			0.30A~ 0.40A	0.30A~ 0.40A									
EB22  φ 22x25L	0.60	0..15	6000~ 8000			0.12A~ 0.16A	0.12A~ 0.16A			0.12A ~ 0.16A	0.12A ~ 0.16A					
EB30  φ 29x45L	2.50	0.20	6000~ 8000					0.10A~ 0.30A	0.10A~ 0.30A			0.10A ~ 0.30A	0.10A~ 0.30A	0.10A~ 0.30A		
EB40  φ 40x40L	3.90	0.50	2800~ 5000									0.15A~ 0.70A	0.15A~ 0.70A	0.15A~ 0.70A		



Feature

- Nd-Fe-B Magnet Applied and High-Durability
- Low Current consumption and Very Low Electronic Noise.
- Ironless Armature offer smooth and quiet operation and no magnetic cogging.
- High efficiency , low current consumption and long life.

STANDARD TYPE OUTLINE



■ ϕ 6X17.2L (mm)
terminal type

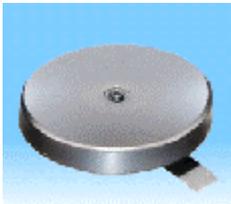


■ ϕ 6X17.2L (mm)
with metal coat.



■ ϕ 4X12L (mm)
wire type

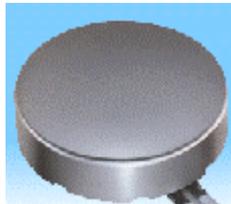
SPECIAL TYPE OUTLINE



■ ϕ 18 x 3H (mm)



■ ϕ 14 x 3.8H (mm)



■ ϕ 18 x 4.3H (mm)



■ ϕ 14 x 3.4H (mm)



■ ϕ 12 x 3.4H (mm)

FOR OEM ORDERS ONLY !!

NOTICE : EVERCOM DC Coreless motor for cellular phone usage is only for Custom's OEM/ODM order , so pls contact with our sales engineer by telst@ms67.hinet.net before your samples order released !! Thank you very much !