



ABOUT **EVERCOM**[®]
KICKOFF WITH

HDD SPINDLE MOTORS

EVERCOM Micro Motors, was founded in 1988 at Science-based Industrial Park, Hsin-Chu, Taiwan to produce spindle motor for HDD(Hard-Disk Drive).

In fact, EVERCOM is the only company outside Japan who can design and manufacture HDD spindle motors.

EVERCOM has designed and manufactured spindle motors for HDD sized from 1.8 to 5 inches, and CD-ROM/DVD drives with 1X to 60X speed. EVERCOM's motors are being installed in the PCMCIA HDD for notebook PC and digital camera spread all over the world. EVERCOM has led the world in developing spindle motors for the 3 inches Notebook PC HDD.



We have developed a streamlined production system including aggressive Factory Automation implementation to enhance quality and productivity. All our products, including spindle motors for HDDs, are manufactured by these automated production systems. In the clean room, utilizing our own internally developed automated machinery, we continuously produce high precision motors for HDDs with high speed and high precision. And our highly flexible automated production line allows us to easily meet changes in product specifications or design. Our unique flexible mass production system is ready to meet with our customer's demand for ever progressing technological innovation and shorter product life-cycles.

High precision motors can not take even a nano-second of dust. We pay strict attention to maintaining the cleanliness in the production environment and our high precision motors are manufactured in extra-high cleanliness graded class 100 environment or better, using clean room, clean air bench and our unique technical know-how. Each production facility has a Quality Assurance department which is supervised by corporate Quality Assurance, to coordinate, implement and insure consistent application of our strict quality control standards. The product development department in our Central Laboratories is responsible to analyze and evaluate our product to improve quality.



SPINDLE MOTOR FOR HARD DISK DRIVES

EHD14FZ



EHD12KZ



EHD12HZ



FOR OEM ORDERS ONLY !!

Model	Rated Voltage (V)	Rated Speed (rpm)	Rated Current (mA)	Torque constant (mNm/A)	Life (h)
EHD14FZ	5	4200	70	6.5	50,000
EHD12KZ	12	5400	110	14.5	50,000
EHD12HZ	12	10000	370	7.5	50,000

SPINDLE MOTOR FOR FLOPPY DISK DRIVES

EFP4M For 3.5" Floppy Disk Drives
1 inch high



EFP40-A/ EFP40-B 1/2inch high



FOR OEM ORDERS ONLY !!

Model	Rated Voltage (V)	Rated Load mN. m { gf-cm }	Rated Speed (RPM)	Rated Current (Ma)	Starting Torque mNm{ gf-cm }	Life (h)
EFP4M (for 3.5")	5	3.92 { 40 }	300/360	250 Max	8.82{ 90 }Mini	1,000 UP
EFP40-A/EFP40-B (for 3.5")	5	3.92 { 40 }	300/360	250 Max	8.82{ 90 }Mini	1,000 UP

SPINDLE MOTOR FOR CD/DVD/CD-ROM/DVD-ROM DRIVES

SP4JHR 1/2 inch high~X24

SPDGR Half height~X52

SPF2HG With ABU Type

SPF2HGR With Sintered Dynamic Bearing



OUTER ROTOR TYPE MICRO BLDC MOTOR FOR CROSS FAN

BH42 TYPE



Model	Bearing	Rated Voltage (VDC)	Operating Voltage Range (V)	Rated Current (A)	Rated Input Power (W)	Speed (rpm)
BH42B0112	Ball	12	10.2~13.8	0.07	0.85	4000
BH42B012	Ball	12	10.2~13.8	0.06	0.75	2600

Size:φ42x23mm Output shaft :φ3mm Weight : 80 g

BH38 TYPE



Model	Bearing	Rated Voltage (VDC)	Operating Voltage Range (V)	Rated Current (A)	Rated Input Power (W)	Speed (rpm)
BH38B0112	Ball	12	10.2~13.8	0.08	0.96	4000
BH38PB12	Ball	12	10.2~13.8	0.07	0.84	2600

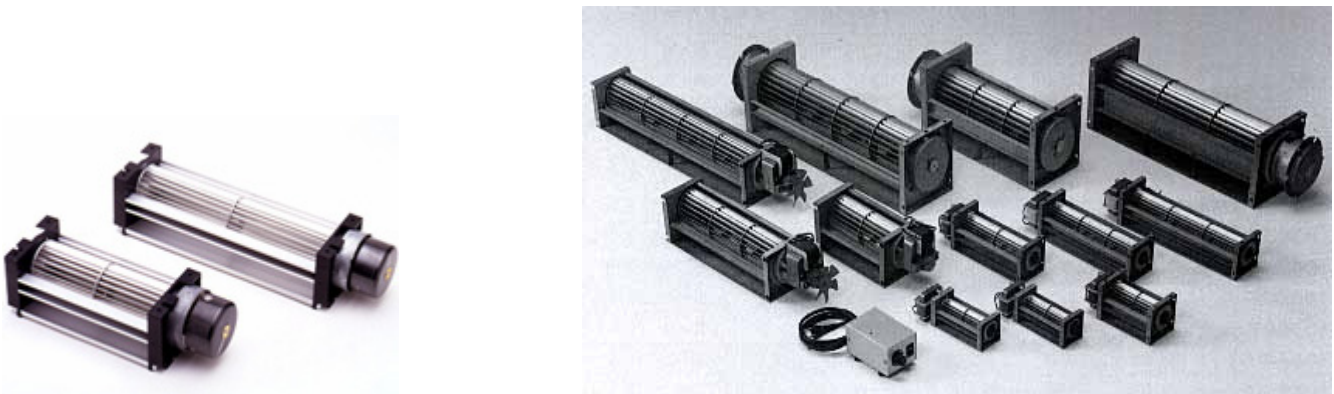
Size:φ38x23mm Output shaft :φ3mm Weight : 60 g

BH25 TYPE



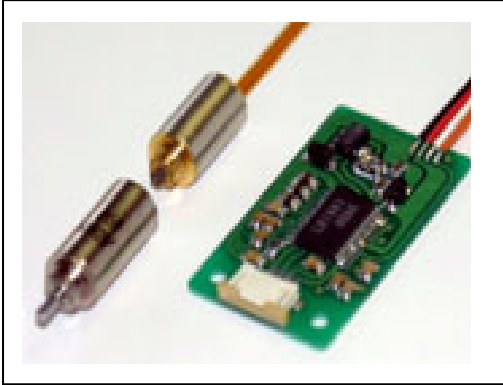
Model	Bearing	Rated Voltage (VDC)	Operating Voltage Range (V)	Rated Current (A)	Rated Input Power (W)	Speed (rpm)
BH25B0112	Ball	12	10.2~13.8	0.16	1.92	10500
BH38B0112	Ball	12	10.2~13.8	0.11	1.32	5000

Size:φ25x23mm Output shaft :φ3mm Weight : 25 g



Pls find more detailed specifications of AC/DC cross fan at **FANTECH®** section.

DRIVER CONTROL TYPE MICRO BLDC MOTOR FOR MEDICAL EQUIPMENT



FEATURE :

- Compact Size (ϕ 22~40 mm)
- High Moto-Technology Design.
- Very easy to control and Perfect Electrical Performance
- Driver, Encoder(optical/magnetic) and other motor accessories are all available.
- All the specification In accord with JIS & CE standard.

FOR OEM ORDERS ONLY !!

- NOTICE : EVERCOM Micro Driver Control BLDC motor 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 !

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Please contact telst@ms67.hinet.net for more detailed technical spec. data/drawing