

# MAGRON FERROFLUID

MAGRON  
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For Linear Vibration Motor



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## Advantages of linear vibration motor using ferrofluid



## ● Correlation between Motor and Ferrofluid

Better Vibration force	Gauss ↓	viscosity ↓
Better Damping force	Gauss ↑	viscosity ↑
To prevent dispersion	Gauss ↑	viscosity ↓
Enhance Low-temperature	Pour point ↓	viscosity ↓

### \* Vibration force

The force of 'Moving mass' moves vertical and vibration

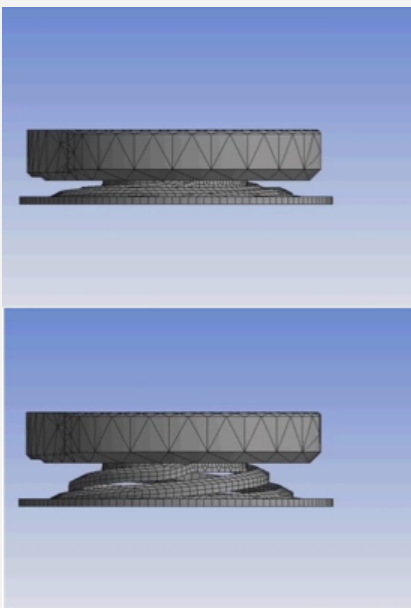
### \* Damping force

The force preventing 'Moving mass' against the motor cover. We called Touch( Noise) as bump and make snap.

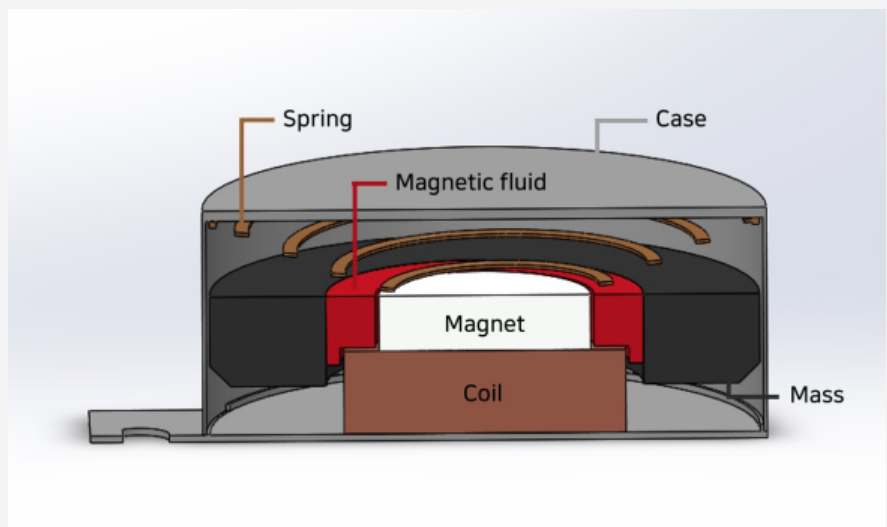
### \* Dispersion

Scattering ferrofluid by vibration

## ● Up and down vibration motion



## ● A general structure of linear vibration motors



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## ● Specification

Model No.	Saturation Magnetization	Viscosity	TGA Temp.	DTA Temp.	Pour point
/	Gauss	cp	°C	°C	°C
MFV-308	300	80	90	380	-40
MFV-310	300	100	160	380	-40
MFV-340	300	4,000	180	500	-40
MFV-380	300	8,000	180	500	-40

\* TGA Temp.

The starting temperature for mass loss due to vaporization or evaporation

\* DTA Temp.

The temperature at which a chemical reaction occurs



You can make an order with the specifications you want.

We constantly develop and release new products.

Please contact us.



### Company information

Address	#403 - 3 dong, Gyeonggi Technopark, 705 Hae-an-ro, Sangnok-gu, Ansan-Si, Gyeonggi-do, Republic of South Korea Post code : 15588	
Contact	TEL) +82 31-500-4632	
Mail address	magron@magron.co.kr	FAX) 031-500-4631
Website	(KO) www.magron.co.kr	(EN) www.ferrozone.co.kr