

### Features:

The controller of Magnetic Powder Brake/Clutch applies stable electricity to the magnetic coil in Brake/Clutch. When electricity passes through the magnetic coil, it will engender magnetic force to gather magnetic powder for transmitting torque. Under continual movement, torque will be transmitted accordingly. By controlling the flow of electric current, Brake/Clutch is controlled accurately to move or to stop the rolling process, in order to get the required tension control.

The design of Controller VA 816 series is based on direct ratio relationship between electricity and magnetic field.

Furthermore, we have improved the treatment of temperature and sensitivity, after the adjustment of electrical circuit, Magnetic Brake/Clutch can get excellent performance of torque control and output.

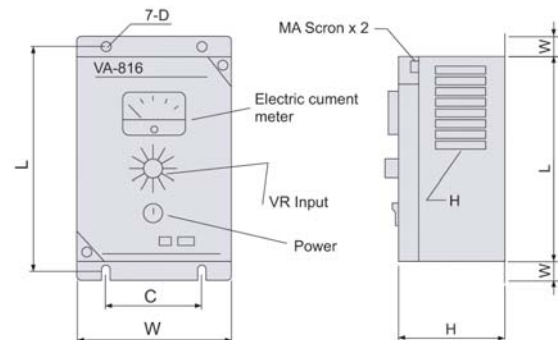
### Features:

- Output range: 1.3A~6A, full style.
- Auto feedback modification.
- Precision, lower zero-draft, stability output.
- High anti-interference casing.
- Compatible with various powder clutch or brake.



Dimension / unit: mm

MODEL	L	W	H	C
VA 816-1300	200	138	95	65
VA816-3000/4500/6000	250	145	130	80



### Ordering Code

Model	Electricity output	Recommended model and potter/red torque of Mitsubishi Magnetic Powder Brake (Clutch)
VA 816-1300	DC 0~1.3A	ZKG.5-10D(Model: ZN/YN): 0.5-10Nm(5-100Kgfm)
		ZX.0.3-1.2YN.,3-12Nm(5-100Kgfm)
		ZKB.0.06-2.5(Model:AN,BN,XN,HBN,YN,WN., 0.6-25)Nm(0.06-2.5Kgfm)
VA 816-3000	DC 0~3.0A	ZKB.5-20(Model:BN,XN,HBN,WN): 50-200 Nm(5-20Kgfm)
		ZKB.5(Model:HC,CM,8-909): 50Nm(5Kgfm)
		ZA.20-40Y,200-400Nm(20-40Kgfm)
VA 816-4500	DC 0~4.5A	ZKB-40 (Model: BN,XN,HBN,WN):400Nm(40Kgfm)
		ZKB-10-20 (Model: HC, CM,B-909): 100-200Nm(10-20Kgfm)
VA 816-6000	DC 0~6.0A	ZKB-40 (Model: CM,B-909): 400Nm(40Kgfm)

### Electrical Characteristics

Item	VA-816 1300	VA-816 3000/4500/6000
Power supply	AC 220V±10% 50/60Hz	
Accuracy	±0.15% F5	
Temperature	-40°C-0.5°C	
Humidity	0-100% RH	
Storage temperature range	-55°C-125°C	
Output type	Fixed current	
Response time	0.2 sec.	
Input type	DC 0-10V	DC 0-5V