

Stepping Motor for Automotive Instrument Panel & Air Conditioning Control

Stepping Motor for Instrument Panel

■ Feature

- Best Match for Digital Control
- High Response
- Low Noise
- Thin Size

■ Application

- Speed Meters
- Taco Meters
- Fuel Meters
- Water thermometers

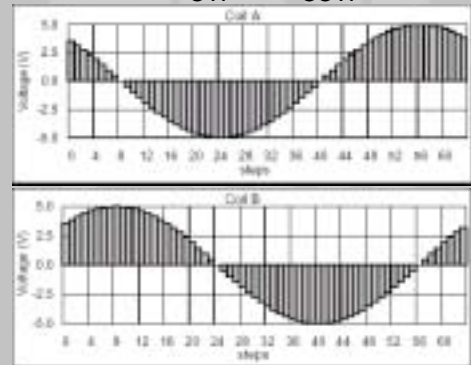


VMR 30 Type

■ Specification

	VMR30-50	VMR30-60
360degree rotation of the hand shaft	600 step	720 step
Pole-pair of the rotor	3	
	6	
Gear ratio	1/50	1/60
Magnet	Neodymium	
Angle of rotation	300 ° Max.	

Standard wave form
CW CCW



Stepper Motor for Air Conditioning Control

■ Feature

- High Torque
- Low Noise
- Light Weight
- High Cost Performance

■ Application

- Air Conditioner (Heating Ventilation and Air Conditioning)



■ Specification

	VHB30-100	VHB30-300
Rated Voltage	DC12V	
Step Angle (Stepper Motor Part)	15 °	
Gear Ratio	100	300
Motion Speed	5.00 rpm (@200 pps)	1.67 rpm (@200 pps)
Drive Mode	UNIPOLAR	UNIPOLAR
Exacting Method	2-PHASE ON	
Typ. Torque at 12V / 23	60 Ncm (@200 pps)	150 Ncm (@200 pps)
Noise Level	35 dBA	

The descriptions in this catalogue are subject to change without notice.