

Technical drawing of the HQ02005-06M motor, showing front, side, and end views with dimensions and labels.

Front View (Left):

- Overall diameter: $\phi 32$
- Mounting holes: 4-M4 (rotor end face), 2-M5 (stator side)
- Dimensions: 38 (width), 15 (hole offset), 7 (hole diameter)
- Angle: 45°

Side View (Middle):

- Labels: 转子端 (Rotor side), 定子端 (Stator side)
- Dimensions: 30, 7, 10, 15, 38, 58, 76.5, 6.5, 18.5
- Mounting holes: 2-M5 (stator side)

End View (Right):

- Labels: 2-M4 定子侧面固定螺纹孔 (2-M4 stator side fixed thread hole), 定子导线 (Stator wire)
- Dimensions: $\phi 23.9$, $\phi 40$, $\phi 12.4$

气滑环参数		帽式电参数	
型 号	HQ02005-6M	电线路数	6 线 2A (信号 / 功率)
气路介质	2 进 2 出 气体	额定电压	0~240V AC/DC
螺纹接口	M5	导线规格	AWG28#/250mm
适配气管	4 或 6mm	接触电阻	<35mΩ (50rpm)
材 质	铝 合 金	绝缘电阻	>300MΩ @300VDC
转 速	0~250 RPM		
压 力	0~1 MPa		
扭 力	<0.3 N*m		
工作温度	-30℃~80℃		