

42 系列(Series)-J42BH007 混合式步进电机(Hybrid Stepper Motor)



主要技术参数 Main technical parameters

引出线形式 Lead out line/driver type

两相 4 线 Two Phase 4-line

驱动方式 Drive method

双极恒流双四拍驱动 Bipolar constant current double

four beat drive

工作制 Working system

真空长时 Long term vacuum

步距角 Step angle

1.8°

额定电压 Rated voltage/VDC

28

保持转矩 Holding torque/N·m

≥0.14@A&B 通 (Electricity) 0.6A

自定位转矩 Detent torque/N·m

≥0.015

步距角误差 Step angle error

±5%

相电阻 Phase resistance/Ω

3.2× (1±10%)

相电感 Phase inductance/mH

7.5× (1±20%)

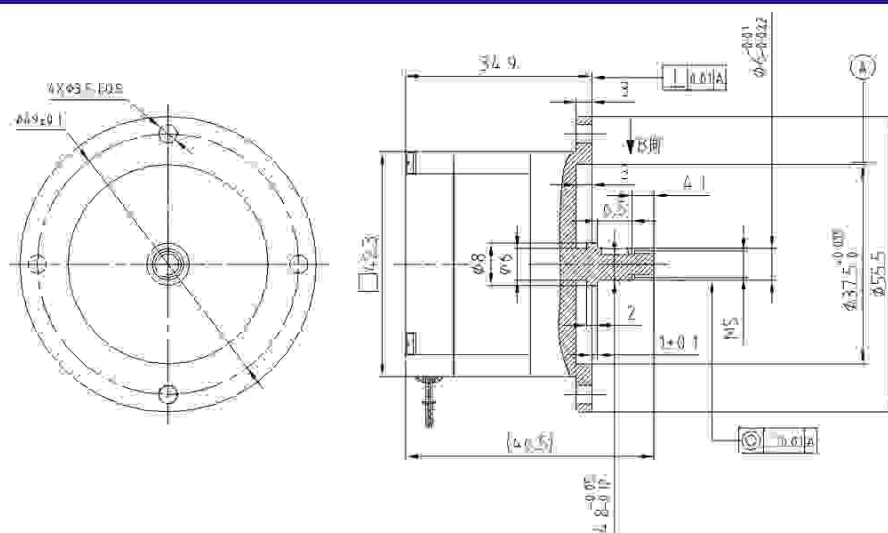
牵出力矩 Pullout torque/N·m

≥0.2@36r/min

重量 Weight/kg

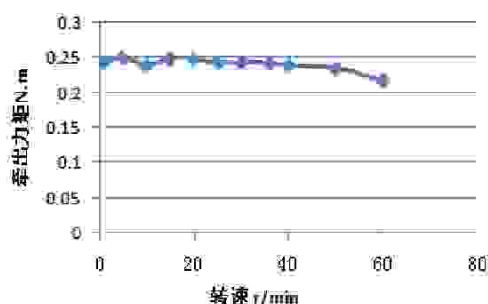
≤0.3

外形图(Outline Drawing)/mm



其他补充(Other Supplements)

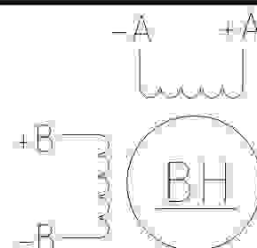
电路图(Circuit Diagram)



牵出力矩频率特性(Pullout torque frequency characteristics)

引出线定义 Definition of lead wire

引出线标识 Identification of lead wire



A 相正 A-phase positive	A 相负 A-phase negative	B 相正 B-phase positive	B 相负 B-phase negative
A+	A-	B+	B-