

PHB60S 系列

● 主要特征

- 高转矩
- 运动平稳
- 低惯量

● 选项



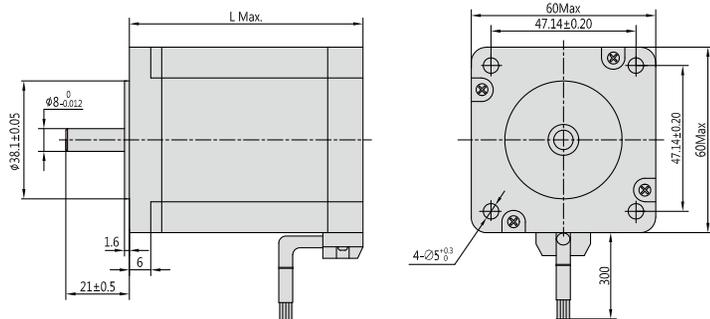
|       |                          |
|-------|--------------------------|
| 步距角   | 1.8°                     |
| 步距角精度 | ±5% (全步, 空载)             |
| 电阻精度  | ±10%                     |
| 电感精度  | ±20%                     |
| 温升    | 80 °C Max. (额定电流, 两相-NO) |
| 环境温度  | -20 °C ~ +50 °C          |
| 绝缘电阻  | 100 MΩ Min., 500VDC      |
| 绝缘强度  | 500 VAC 持续一分钟            |
| 径向间隙  | 0.02 Max. (450 g-负载)     |
| 轴向间隙  | 0.08 Max. (450 g-负载)     |

● 技术参数

- 双极性

| 系列&机身长度            | 型号            | 保持转矩 |       | 额定电流 | 相电阻  | 相电感 | 定位转矩 |      | 转子惯量 |       |
|--------------------|---------------|------|-------|------|------|-----|------|------|------|-------|
|                    |               | N.cm | oz-in |      |      |     | A    | ohm  | mH   | N.cm  |
| PHB60S45<br>45mm   | PHB60S45-425  | 85   | 120.2 | 2.5  | 1.0  | 2.2 | 3.5  | 4.9  | 200  | 1.100 |
| PHB60S51<br>51mm   | PHB60S51-425  | 140  | 198   | 2.5  | 1.2  | 3.2 | 4.0  | 5.6  | 250  | 1.375 |
| PHB60S56<br>56mm   | PHB60S56-430  | 160  | 226.2 | 3.0  | 0.8  | 2.4 | 4.0  | 5.6  | 350  | 1.925 |
| PHB60S64<br>64mm   | PHB60S64-430  | 180  | 254.5 | 3.0  | 0.8  | 2.3 | 5.0  | 7    | 450  | 2.475 |
| PHB60S76<br>76mm   | PHB60S76-430  | 220  | 311.1 | 3.0  | 1.0  | 3.5 | 7.0  | 9.8  | 550  | 3.025 |
|                    | PHB60S76-404  | 220  | 311.1 | 4.2  | 0.6  | 1.8 | 7.0  | 9.8  | 550  | 3.025 |
| PHB60S90<br>90mm   | PHB60S90-430  | 300  | 424   | 3.0  | 1.4  | 5.5 | 12.0 | 16.8 | 780  | 4.290 |
|                    | PHB60S90-404  | 300  | 424   | 4.2  | 0.8  | 3.0 | 12.0 | 16.8 | 780  | 4.290 |
| PHB60S102<br>102mm | PHB60S102-430 | 350  | 494.9 | 3.0  | 0.75 | 2.4 | 16.0 | 22.6 | 1000 | 5.50  |
| PHB60S112<br>112mm | PHB60S112-430 | 380  | 537.3 | 3.0  | 0.85 | 2.6 | 20.0 | 28.3 | 1200 | 6.60  |

● 外形尺寸



| 系列        | 长度  |        | 重量   |        |
|-----------|-----|--------|------|--------|
|           | mm  | (in.)  | g    | (lb.)  |
| PHB60S41  | 41  | (1.61) | 500  | (1.10) |
| PHB60S45  | 45  | (1.77) | 550  | (1.21) |
| PHB60S51  | 51  | (2.01) | 600  | (1.32) |
| PHB60S56  | 56  | (2.20) | 700  | (1.54) |
| PHB60S64  | 64  | (2.52) | 950  | (2.09) |
| PHB60S76  | 76  | (2.99) | 1150 | (2.53) |
| PHB60S90  | 90  | (3.54) | 1400 | (3.08) |
| PHB60S102 | 102 | (4.02) | 1650 | (3.64) |
| PHB60S112 | 112 | (4.41) | 1800 | (3.97) |