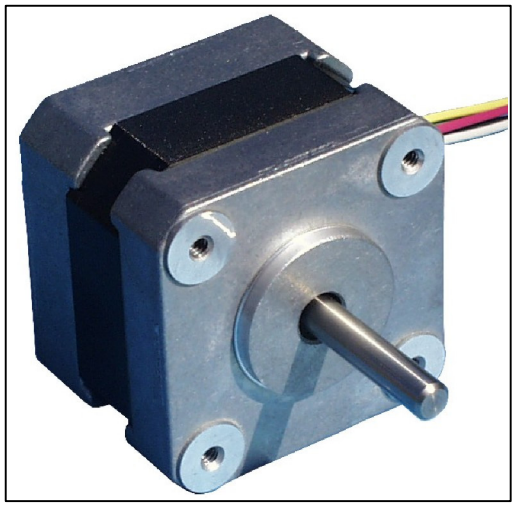
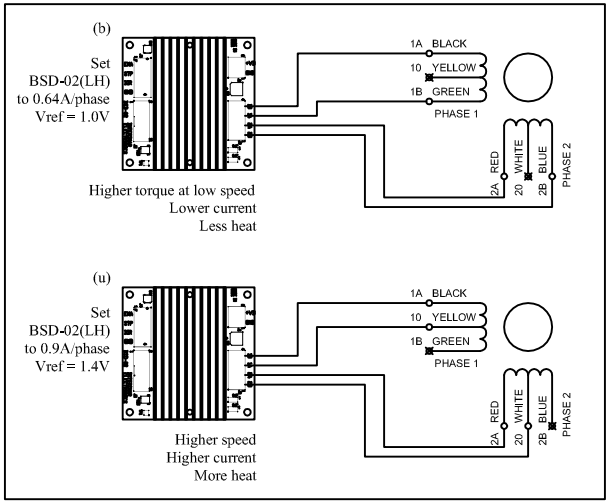
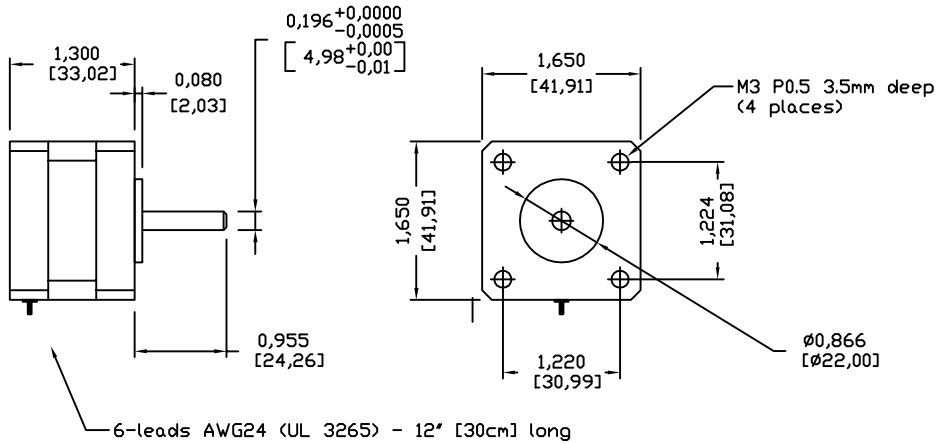


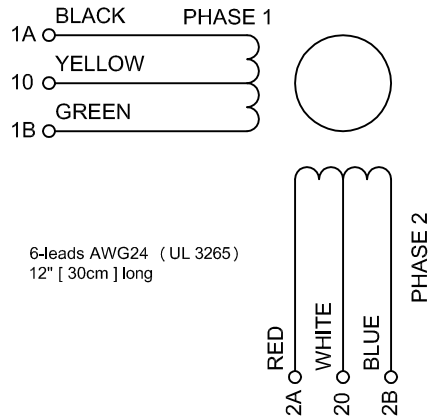
| SPECIFICATIONS | | (u)-unipolar connection (b)-bipolar series connection |
|---|---|---|
| Step Angle | deg | 0.9 |
| Voltage | V DC | 4 (u), 5.6 (b) |
| Current / phase | A / phase | 0.9 (u), 0.64 (b) |
| Resistance / phase | ohm / phase | 4.4 (u) |
| Inductance / phase | mH / phase | N.A. |
| Holding Torque | oz-in | 22 (u), 30 (b) |
| | N-cm | 15 (u), 21 (b) |
| Detent Torque | oz-in | N.A. |
| | N-cm | N.A. |
| Rotor Inertia | oz-in2 | 0.191 |
| | g-cm2 | 35 |
| Weight | lbs | 0.53 |
| | kg | 0.24 |




DIMENSIONS UNIT = INCH [mm]




WIRING DIAGRAM




RECOMMENDED DRIVER:
BSD-02 or BSD-02LH from Interinar Electronics
- Vref Adjusted to 1.0V (0.64A/phase) for (b) or 1.4V (0.9A/phase) for (u)
- Available step modes: Full-, Half-, Quarter- and Eighth- (or for LH Sixteenth-) Step
RECOMMENDED POWER SUPPLY:
24Vdc, min 1.3A for (b) or 24Vdc, min 1.8A for (u)

We have used our best effort in preparing this document. We make no representations or warranties with respect to the accuracy or completeness of the contents of this document and specifically disclaim any implied warranties of fitness for a particular purpose. We shall not be liable for any loss of profit or any other commercial damages.

| REV | REV NOTE | DATE |
|---|---|---|
| | | |

interinar ELECTRONICS
http://www.interinar.com
support@interinar.com

| | | | |
|---|---|---|---|
| DWG | M.W. | SCALE | not to scale |
| CAT | 31 | | |

TITLE 2-PHASE HYBRID STEP MOTOR
PX243M-01AA NEMA 17 -42mm

| DWG# | SHEET | OF |
|---|---|---|
| P0506.08 | 1 | 1 |

| FILE NAME | DATE |
|---|---|
| PX243M-01AA.dwg | 05-05-2008 |