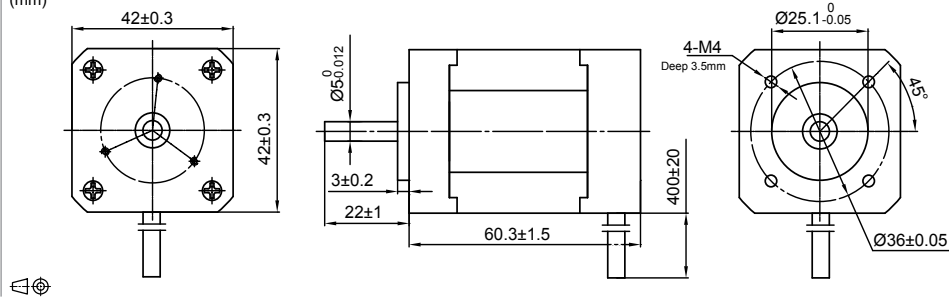


# B4260 / Ø 42mm

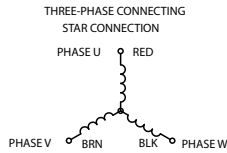
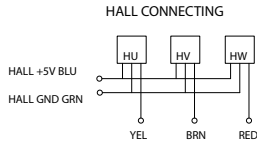
## DRAWING (mm)



## PHOTO



## HALL CONNECTING



## MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: B4260-12

## MOTOR DATA

|                                    | Units            | B4260-12 | B4260-24 |   | Units | B4260     |
|------------------------------------|------------------|----------|----------|---|-------|-----------|
| Nominal voltage                    | V                | 12       | 24       | Ambient temperature                                 | °C    | -15...+40 |
| Nominal power                      | W                | 52       | 52       | Max. permissible winding temperature                | °C    | 120       |
| No load speed                      | rpm              | 6200     | 6000     | Max. permissible speed                              | rpm   | 20000     |
| No load current                    | mA               | 600      | 500      | Axial play at axial load < 3,5 N                    | mm    | 0,1       |
| Nominal speed                      | rpm              | 4000     | 4000     | Axial play at axial load > 3,5 N                    | mm    | 0,6       |
| Nominal torque                     | mNm              | 150      | 150      | Radial play   | mm@g  | 0.025@460 |
| Nominal current                    | A                | 6,2      | 3,2      | Max. axial load (dynamic)                           | N     | 10        |
| Stall torque                       | mNm              | 350      | 380      | Max. force for press fits (static)                  | N     | 200       |
| Starting current                   | A                | 16,8     | 12,8     | Max. force for press fits (static, shaft supported) | N     | 200       |
| Max. Efficiency                    | %                | 67,8     | 72,3     | Max. radial loading, 10 mm from flange              | N     | 28        |
| Terminal resistance phase to phase | Ω                | 0,2      | 0,8      | Number of pole pairs                                |       | 4         |
| Terminal inductance phase to phase | mH               | 0,24     | 1,2      | Number of phases                                    |       | 3         |
| Torque constant                    | mNm / A          | 0,16     | 35,5     | Weight  | g     | 450       |
| Speed constant                     | rpm / V          | 855      | 369      |   |       |           |
| Mechanical time constant           | ms               | 7,8      | 7,85     |   |       |           |
| Rotor inertia                      | gcm <sup>2</sup> | 48       | 48       |   |       |           |