## BDM 7• type code

| Example: | BDM | 72 | 2 | 2 | 5 | C | A | 00 |
|---|---|---|---|---|---|---|---|---|
| **Product family**<br>BDM = Brushless DC Motor | **BDM** | 72 | 2 | 2 | 5 | C | A | 00 |
| **Motor size / Motor length**<br>72 = 66 mm / 18 mm<br>74 = 66 mm / 36 mm<br>75 = 66 mm / 54 mm<br>77 = 66 mm / 72 mm | BDM | **72** | 2 | 2 | 5 | C | A | 00 |
| **Number of Polpairs / Holding Torque**<br>2 = 2 poles / High holding torque<br>4 = 4 poles / Low holding torque | BDM | 72 | **2** | 2 | 5 | C | A | 00 |
| **Voltage**<br>2 = 24 V only for motor size/motor length 72, 74<br>4 = 48 V only for motor size/motor length 72, 74, 75, 77<br>6 = 60 V only for motor size/motor length 75, 77 | | | 2 | **2** | 5 | C | | |
| **Feedback system and Resolution**<br>H = Hall-Sensor<br>5 = Incremental Encoder with 1000 increments [1] [5] [6] | BDM | 72 | 2 | 2 | **5** | C | A | 00 |
| **Electrical connection**<br>A = Braided wires<br>C = Cable [2] | BDM | 72 | 2 | 2 | 5 | **C** | A | 00 |
| **Holding brake**<br>A = without brake<br>F = with brake | BDM | 72 | 2 | 2 | 5 | C | **A** | 00 |
| **Shaft model / Gearbox type / Gear ratio**<br>00  = without gearbox<br>with spur wheel gear: [3] [4]<br>V1 = 7:1<br>V2 = 18:1<br>V3 = 36:1<br>V4 = 54:1<br>V5 = 115:1<br>with planetary gear gear PM62:<br>Q1 = 7:1<br>Q2 = 25:1<br>Q3 = 46:1<br>Q4 = 93:1<br>Q5 = 115:1<br>Q6 = 308:1 | BDM | 72 | 2 | 2 | 5 | C | A | **00** |

[1]  only with electrical connection = C

[2]  only motor with encoder / holding brake + encoder

[3]  not possible in connection with a holding brake

[4]  for BDM 72 and BDM 74 only

[5]  only with numbers of polpairs = 4

[6]  other resolutions on request