# 7.2 Type Code – Ordering Name

| Abbrev. Column → | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Example: | M | H | D | 0 | 7 | 1 | B | - | 0 | 6 | 1 | - | N | G | 0 | - | U | N | | | | | | | | | | | | | | | | | | | | | | |

**1. Product**
1.1 MHD . . . . . = MHD

**2. Motor size**
2.1 071. . . . . = 071

**3. Motor length**
3.1 Lenghts . . . . . = A, B

**4. Windings code**
4.1 MHD071A . . . . . = 061
4.2 MHD071B. . . . . = 035, 061

**5. Motor encoder**
5.1 digital servo feedback. . . . . = N
5.2 digital servo feedback with integrated multiturn absolute encoder . . . . . = P

**6. Driven shaft**
6.1 plain shaft (with shaft sealing ring). . . . . = G
6.2 Shaft with key per DIN 6885-1 (with shaft sealing ring) . . . . . = P

**7. Holding brake**
7.1 without holding brake . . . . . = 0
7.2 holding brake 5.0 Nm . . . . . = 1 ①
7.3 holding brake 6.5 Nm . . . . . = 2 ①
7.4 holding brake 10.0 Nm . . . . . = 3 ①

**8. Output direction of power connection**
8.1 Connector turnable 270° . . . . . = U

**9. Housing design**
9.1 for natural convection or surface cooling. . . . . = N
9.2 for natural convection or surface cooling with protection mode IP68. . . . . = P ②

**10. Standard reference**

| Standard | Title | Edition |
|---|---|---|
| DIN 6885-1 | Drive Type with Fastenings without Taper Action; Parallel Keys, Keyways, Deep Pattern | 1968-08 |
| DIN EN 60529 | Degrees of protection provided by enclosures (IP code) (IEC 60529:1989 + A1:1999); German version EN 60529:1991 + A1:2000 | 2000-09 |

**Note:**
① Holding brake "1", "2" and "3" are only available with motor length "B"
② Housing design "P" is only available with motor length "B" and windings code "061"
See project manual for definition of protection mode IP68

t_mhd071_M11en.fh10

Fig. 7-5: MDH071 type code