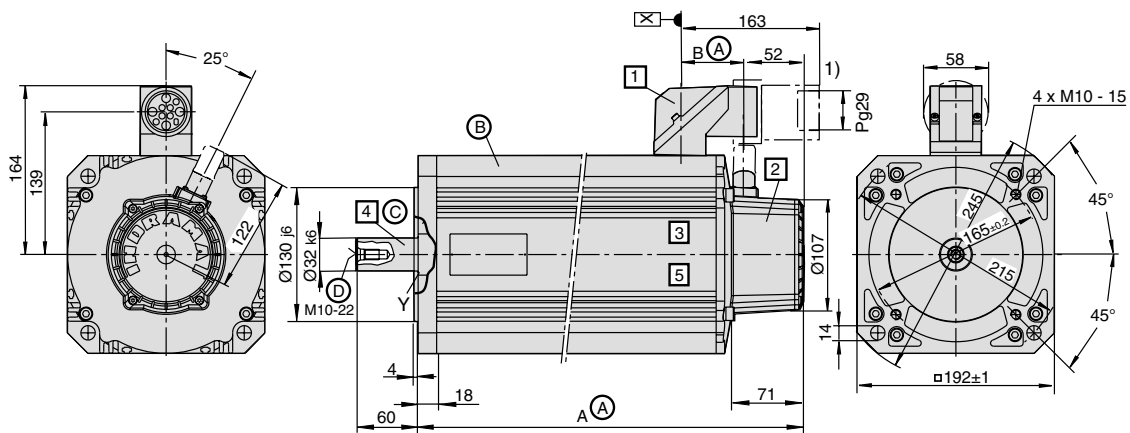
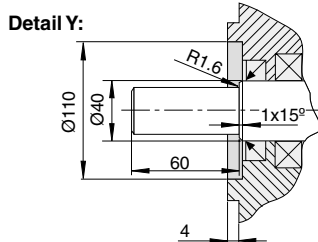


11.5 Dimensional Details

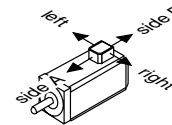


1) Connector not included in the scope of motor delivery



Options:

- 1) Output direction of power connector**
 The output direction of the power connector must be selected when ordering. The following output directions are possible:
- to side A
 - to side B
 - to the right
 - to the left



The drawing shows the output direction upon delivery, i.e. to side B. The measures in case of a different output direction are obtained by turning the connector housing theoretically around the X-axis.

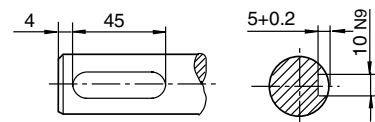
(A) Size table

Frame size	Meas. A	Meas. B
MHD 112A	309	67
MHD 112B	375	67
MHD 112C	458	96
MHD 112D	526	96

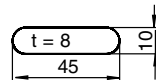
Measure A: total motor frame length
 Measure B: power connector

- (B)** Motor design according to EN 60034-7, 1996-06, B5 for all installation positions
- (C)**
- Flange according to DIN 42948, ed. 11.65
 - Positional accuracy with regard to true running, axial running and coaxiality to the shaft according to DIN 42955 Tolerance Class R, ed. 12.81
- (D)**
- Shaft end according to DIN 748 Part 3, ed. 07.75, cylindrical
 - Center hole DS M10 according to DIN 332 Part 2, ed. 05.83
 Max. tightening torque for screw 25.0 Nm
 - Vibration severity grade R according to DIN VDE 0530 Part 14, ed. 02.93

- 2) Motor encoder**
- Digital servo feedback (HSF)
 - Digital servo feedback (HSF) with integrated multiturn absolute encoder
 Measures are identical.
- 3) Holding brake**
- Without holding brake
 - With holding brake
 Measures are identical.
- 4) Output shaft**
- Plain shaft (preferred type)
 - With keyway according to DIN 6885 Sheet 1, ed. 08.68
 (Caution! Balanced with entire keyway!)



Matching keyway, DIN 6885-A 10 x 8 x 45, Not part of general delivery.



M01MH112.fh10

Fig. 11-21: Dimensional details of MHD112A, MHD112B, MHD112C¹⁾, MHD112D
 1) not applicable to MHD112C-058

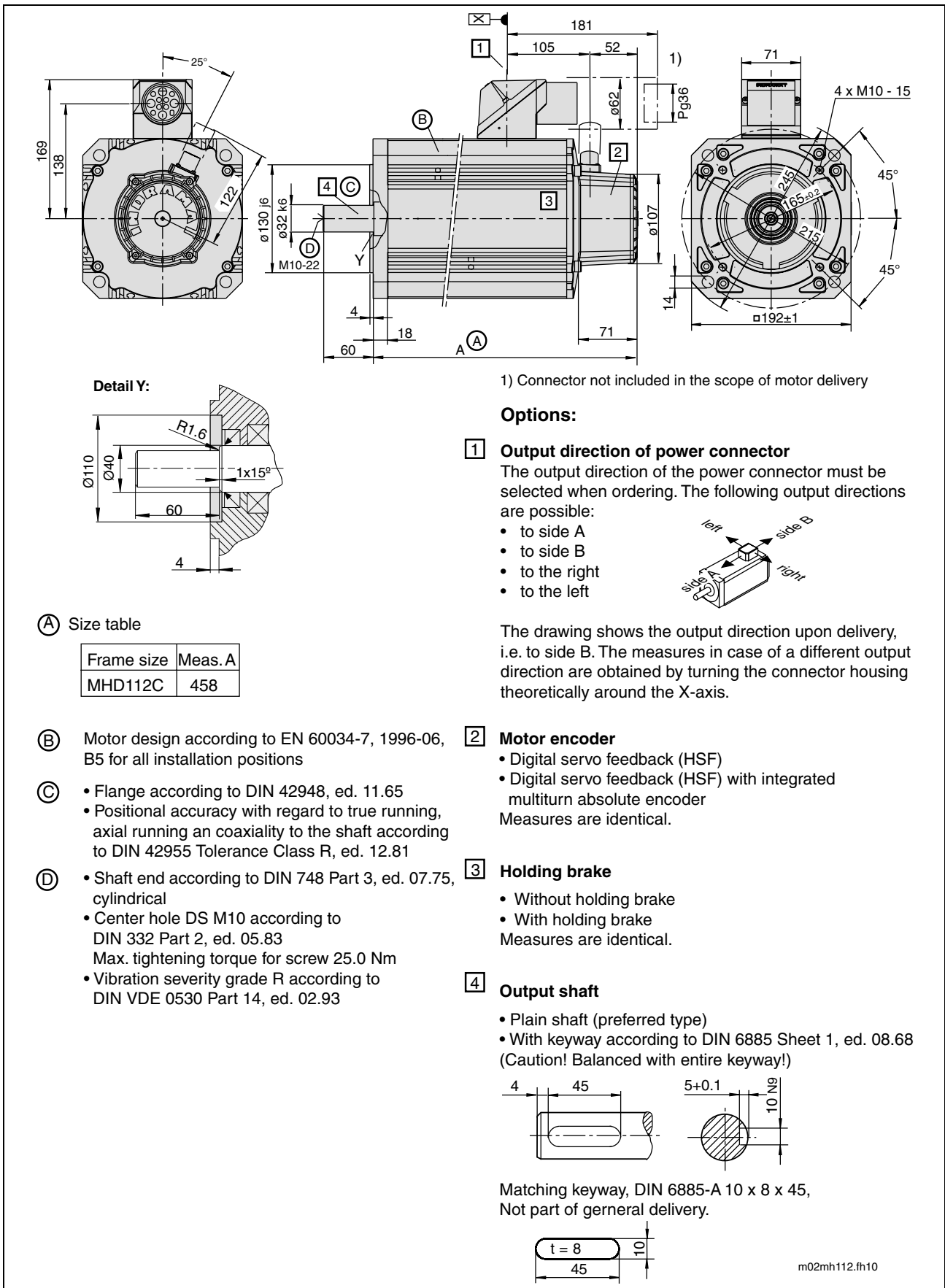


Fig. 11-22: Dimensional details of MHD112C-058