

Technical drawing of a motor assembly, showing front, side, and section views with dimensions and specifications.

Front View Dimensions:

- Top flange diameter: $\varnothing 139$
- Top flange width: $69,5$
- Motor body diameter: $\varnothing 165$ (D Stc. $\varnothing 165$)
- Motor body width: 136 (total height 181)
- Mounting feet: $4 \times 90^\circ$
- Mounting hole diameter: $\varnothing 12$

Side View Dimensions:

- Overall width: ± 350
- Top flange width: 115
- Top flange diameter: $\varnothing 139$
- Motor body diameter: $\varnothing 200$
- Motor body width: $130 j6$
- Mounting feet: 40 (total height 8 and $3,5$)

Section A-A (Scale 1:1):

- Section A-A shows the internal structure of the motor body.
- Dimensions: $6 h9$, $21,5$, $\varnothing 19 j6$

Specifications:

- 1x M25x1,5 WITH PTC-TRIP: + 1x M20x1,5
- Earthing terminal
- 1x Earthing in terminal box
- 1x External earthing

Table 1: General Information

Drawn	DATE	CHK'D	DATE	DESCRIPTION	REVISION
BW	22-07-2021			Outline drawing	

Table 2: Tolerances and Standards

GEN TOLERANCE OF FORM AND POSITION ON MACHINED PARTS:	0.5 - 3	± 0.1	> 3 - 6	± 0.1	> 6 - 30	± 0.2	> 30 - 120	± 0.3	> 120 - 400	± 0.5	> 400 - 1000	± 0.8	> 1000 - 2000	± 1.2	> 2000 - 4000	± 2
CLASS H - DIN ISO 2768-2																

Table 3: Motor Specifications

MOTOR TYPE	COOLING	PAPER SIZE
6RD80MB4E3	IC411	A3

Table 4: Mounting and Protection

MOUNTING	PROTECTION	SCALE	SHEET
IM3001 / FF165	Ex db/eb	1:2	1 OF 1

Table 5: Drawing Information

DRAWING NUMBER:	REVISION
6RD80MB4E3 IM3001	

Table 6: Motor Details

DE: M6 DIN 332	ALL DIMENSIONS IN mm	THIRD ANGLE PROJECTION
	ACC. IEC/EN 60072-1	