

The drawing consists of three main views of a motor assembly:

- Front View (Top Left):** Shows the motor's end face. Key dimensions include a total width of 75 mm, a mounting flange diameter of $\varnothing 100$ mm with 4x 90° slots, and a central shaft diameter of $\varnothing 12$ mm. The mounting flange has 4x M6 holes.
- Side View (Top Right):** Shows the motor's profile. Key dimensions include a total height of ± 229 mm, a mounting flange diameter of $\varnothing 120$ mm, and a central shaft diameter of $\varnothing 80$ i6. The mounting flange has 2x M25x1,5 and 1x M16x1,5 holes. The motor body has a width of 69,5 mm and a height of 75 mm. The mounting flange has a thickness of 23 mm and a central shaft diameter of $\varnothing 12$ mm. The motor body has a width of 3 mm and a height of 75 mm. The motor body has a width of 3 mm and a height of 75 mm.
- Section A-A (Bottom Center):** A cross-section of the motor body. Key dimensions include a total width of 12,5 mm, a central shaft diameter of $\varnothing 11$ i6, and a mounting flange diameter of $\varnothing 12$ mm. The mounting flange has a thickness of 4 mm and a central shaft diameter of $\varnothing 12$ mm.

Table 1: General Tolerance and Dimensions

GENERAL TOLERANCE ON MACHINED PARTS:	ALL DIMENSIONS IN mm
LINEAR DIM. ACC. DIN ISO 2768-1 m	ACC. IEC/EN 60072-1

Table 2: Motor Specifications

MOTOR TYPE	COOLING	PAPER SIZE
5RN63M02E23	IC411	A3

Table 3: Mounting and Protection

MOUNTING	PROTECTION	SCALE
IM3641-B / FT100	1:2	1 OF 1

Table 4: Drawing Information

DRAWN	DATE	CHK'D	DATE	DESCRIPTION	REVISION
BW	11-08-2022			Outline drawing	

Table 5: Motor Details

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

Table 6: Motor Information

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