

Technical drawing of a 6RD80MA4E3 IM3601 motor, showing front, side, and detail views.

Front View Dimensions:

- Overall width: 139
- Mounting flange diameter: $\varnothing 100$
- Mounting hole diameter: $\varnothing 19 j6$
- Mounting hole spacing: 6 h9
- Mounting flange thickness: 21,5
- Mounting flange material: M6
- Mounting flange position: D Stc.
- Mounting flange angle: 4x 90°

Side View Dimensions:

- Overall length: ± 350
- Mounting flange diameter: $\varnothing 120$
- Mounting hole diameter: $\varnothing 80 j6$
- Mounting hole position: 40
- Mounting hole spacing: 115
- Mounting flange material: 1x M25x1,5 WITH PTC-TRIP: + 1x M20x1,5
- Mounting flange position: 3
- Mounting flange angle: 4x 90°

Detail View (Section A-A):

- Section A-A
- Scale 1:1
- Mounting flange material: M6
- Mounting flange position: D Stc.
- Mounting flange angle: 4x 90°

Technical Specifications:

GENERAL TOLERANCE ON MACHINED PARTS:	ALL DIMENSIONS IN mm	DO NOT SCALE DRAWING
LINEAR DIM. ACC. DIN ISO 2768-1 m	ACC. IEC/EN 60072-1	
GEN TOLERANCE OF FORM AND POSITION ON MACHINED PARTS:	THIRD ANGLE PROJECTION	
CLASS H - DIN ISO 2768-2		

Revision Table:

REVISION	DESCRIPTION
1	1x Earthing in terminal box 1x External earthing

Motor Specifications:

MOTOR TYPE	COOLING	PAPER SIZE
6RD80MA4E3	IC411	A3
MOUNTING	PROTECTION	SCALE: 1:2
IM3601 / FT100	Ex db/eb	SHEET 1 OF 1

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