

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

Front View Dimensions:

- Top width: 139
- Top width (inner): 69,5
- Bottom width: 125 (inner), 160 (outer)
- Bottom width (inner): 40, 10
- Height: 136 (inner), 181 (outer)
- Bottom flange height: 9, 80

Side View Dimensions:

- Top width: 139
- Top width (inner): 115
- Height: 349 (total), 145 (base)
- Base width: 40, 50, 100, 10, 145
- Base width (inner): (38)

Section A-A (Scale 1:1):

- Top width: 6 h9
- Height: 21,5
- Bottom diameter: $\varnothing 19 j6$

Annotations:

- DE: M6 DIN 332
- 1x M25x1,5 WITH PTC-TRIP: + 1x M20x1,5
- Earthing terminal
- 1x Earthing in terminal box
- 1x External earthing

Table 1: Tolerances and Standards

GEN TOLERANCE OF FORM AND POSITION ON MACHINED PARTS:	0,5 - 3	$\pm 0,1$	> 120 - 400	$\pm 0,5$
	> 3 - 6	$\pm 0,1$	> 400 - 1000	$\pm 0,8$
	> 6 - 30	$\pm 0,2$	> 1000 - 2000	$\pm 1,2$
	> 30 - 120	$\pm 0,3$	> 2000 - 4000	± 2

Table 2: Motor Specifications

MOTOR TYPE	COOLING	PAPER SIZE
6RD80MB4E3	IC411	A3
MOUNTING	PROTECTION	SCALE
IM1001	Ex db/eb	1:2

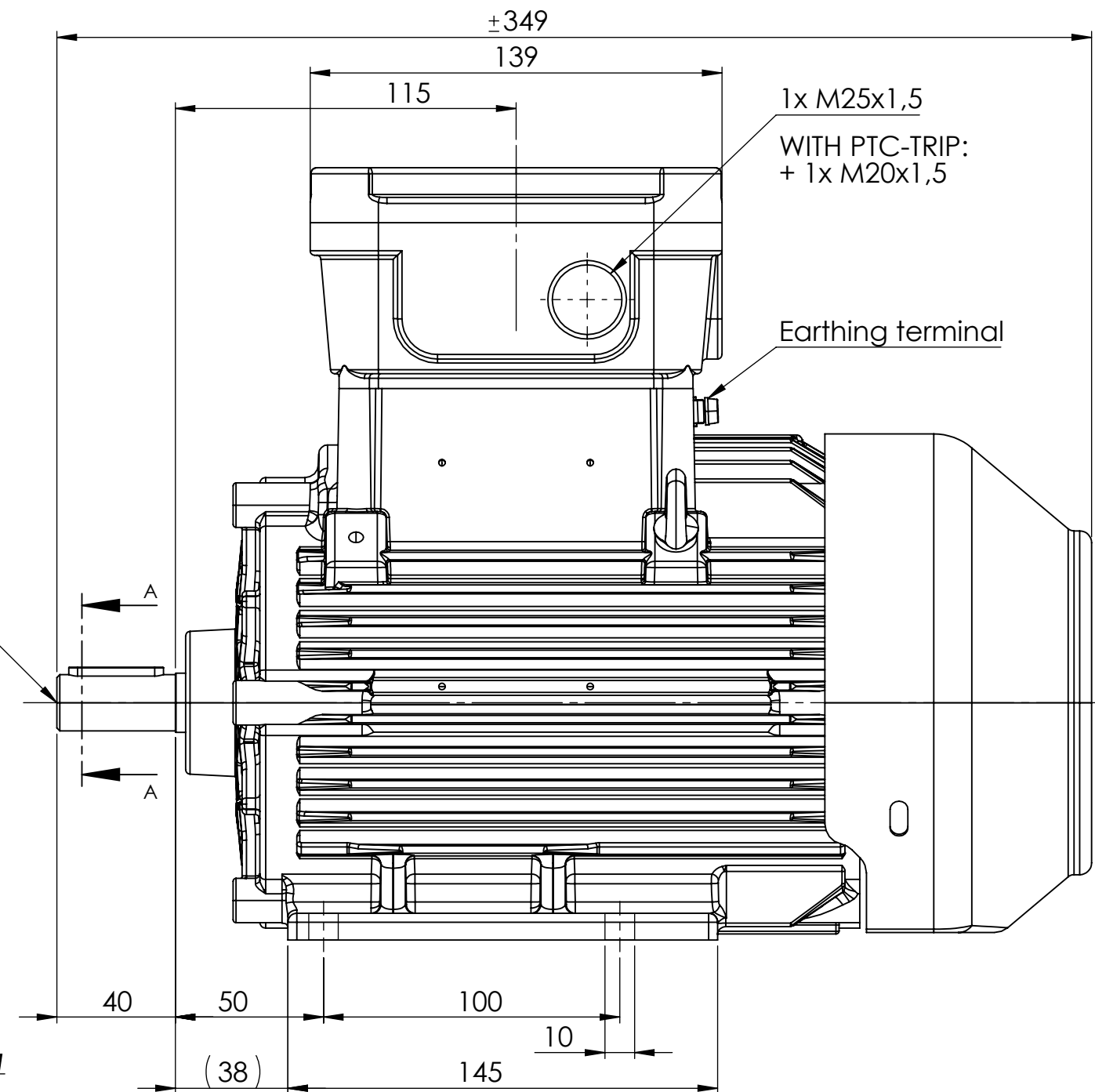
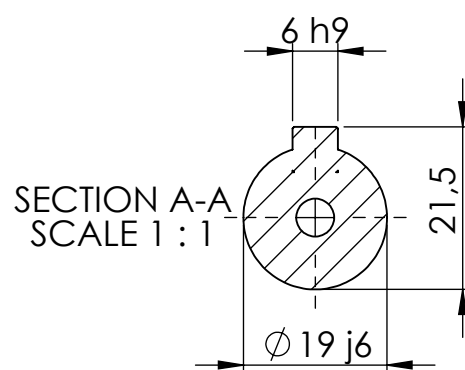
Table 3: Drawing Information

DRAWN	DRAWING NUMBER:	REVISION
BW	6RD80MB4E3 IM1001	
DATE	DESCRIPTION:	
22-07-2021	Outline drawing	
CHK'D	OPTIONS:	
DATE	GENERAL TOLERANCE ON MACHINED PARTS:	DO NOT SCALE DRAWING
	LINEAR DIM. ACC. DIN ISO 2768-1 m	
GEN TOLERANCE OF FORM AND POSITION ON MACHINED PARTS:	ALL DIMENSIONS IN mm ACC. IEC/EN 60072-1	
	THIRD ANGLE PROJECTION	

Company Information:

rotor
RegalRexnord

ROTOR BV
Mors 1-5
7151 MX Eibergen NL
Tel: +31 (0)545-464640
E-mail: sales.nl@regalrexnord.com



1x Earthing in terminal box
1x External earthing

DRAWING NUMBER:	6RD80MB4E3 IM1001						REVISION
DESCRIPTION:	Outline drawing						
OPTIONS:							
DATE	GENERAL TOLERANCE ON MACHINED PARTS: LINEAR DIM. ACC. DIN ISO 2768-1 m		ALL DIMENSIONS IN mm ACC. IEC/EN 60072-1		DO NOT SCALE DRAWING		
GEN TOLERANCE OF FORM AND POSITION ON MACHINED PARTS:	0.5 - 3 ± 0.1	> 120 - 400 ± 0.5	THIRD ANGLE PROJECTION 		MOTOR TYPE	COOLING	PAPER SIZE
	> 3 - 6 ± 0.1	> 400 - 1000 ± 0.8			6RD80MB4E3	IC411	A3
	> 6 - 30 ± 0.2	> 1000 - 2000 ± 1.2			MOUNTING	PROTECTION	SCALE: 1:2
	> 30 - 120 ± 0.3	> 2000 - 4000 ± 2			IM1001	Ex db/eb	SHEET 1 OF 1
CLASS H - DIN ISO 2768-2							