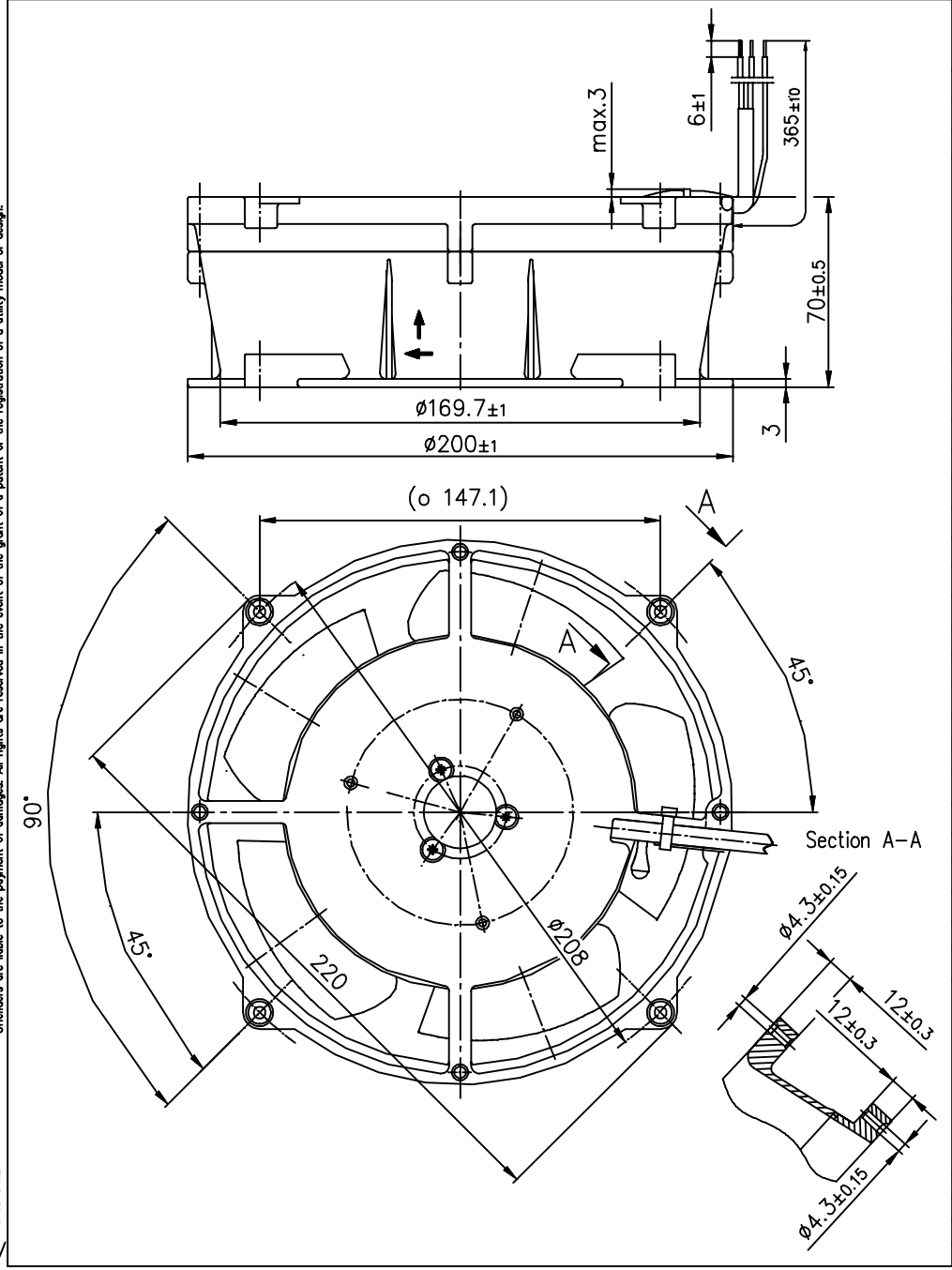
Copying of this document, and giving it to others and the use or communication of the contents there of, are forbidden whithout express authority.
Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of a utility model or design.

CAD: CAD0035961
Verteiler: LV

LV



ebm MOTOREN VENTILATOREN

Delivery Specification

No. 2637

Unit:	Mixed Flow Motor	Type:	W1G180–AB31–09
Motor:	Direct Current Motor	Customer:	
Motor Type:	M1G074–BF		

Type	voltage V	frequency Hz	power consumption W	power output W	current consumption A	air volume m^3/h	static pressure Pa	speed min^{-1}			noise level dBA	capacitor µF	capacitor VDB
W1G180–AB31–09	24		93		4.3	880		4450					

Winding layout No.: 1659 Resistance:

Insulation class: E Operating type: _

Permissible ambient temperature: 60 Δt=

Motor protection: Polarity and locked protection; start–up current limitation

Data plate: label Type: W1G180–AB31–09

24V 16–28V DC Hz 93 W 4.3A– 4450 min^{-1} µF VDB

High–voltage test according to EN 60335–1 with 600VAC 80mA

Electrical connection: Red: + / Blue: –

Yellow: Control Input / White: Tach Output

Black: NTC / Black: NTC

Material/surface treatment: housing: Aluminium GDALSi

housing varnished in black

impeller: plastic PA6.6, black

Bearings: ball bearings

Direction of rotation: counterclockwise, seen from rotor side

Airflow direction: "V" blowing over struts

Balancing grade: fan balanced dynamically in two planes Protection class: IP32 in accordance with EN 60034–5

Mounting position: Approx. weight per unit: kg

Wiring diagrams:

interface: 24384–5–9770 ①

1	45377	21.08.02	SMo																
–	–	24.11.00	Hz																