

MINI MOTORS

Air moving motors
for various HVAC
applications

Industrial Motors

**Commercial &
Appliance Motors**

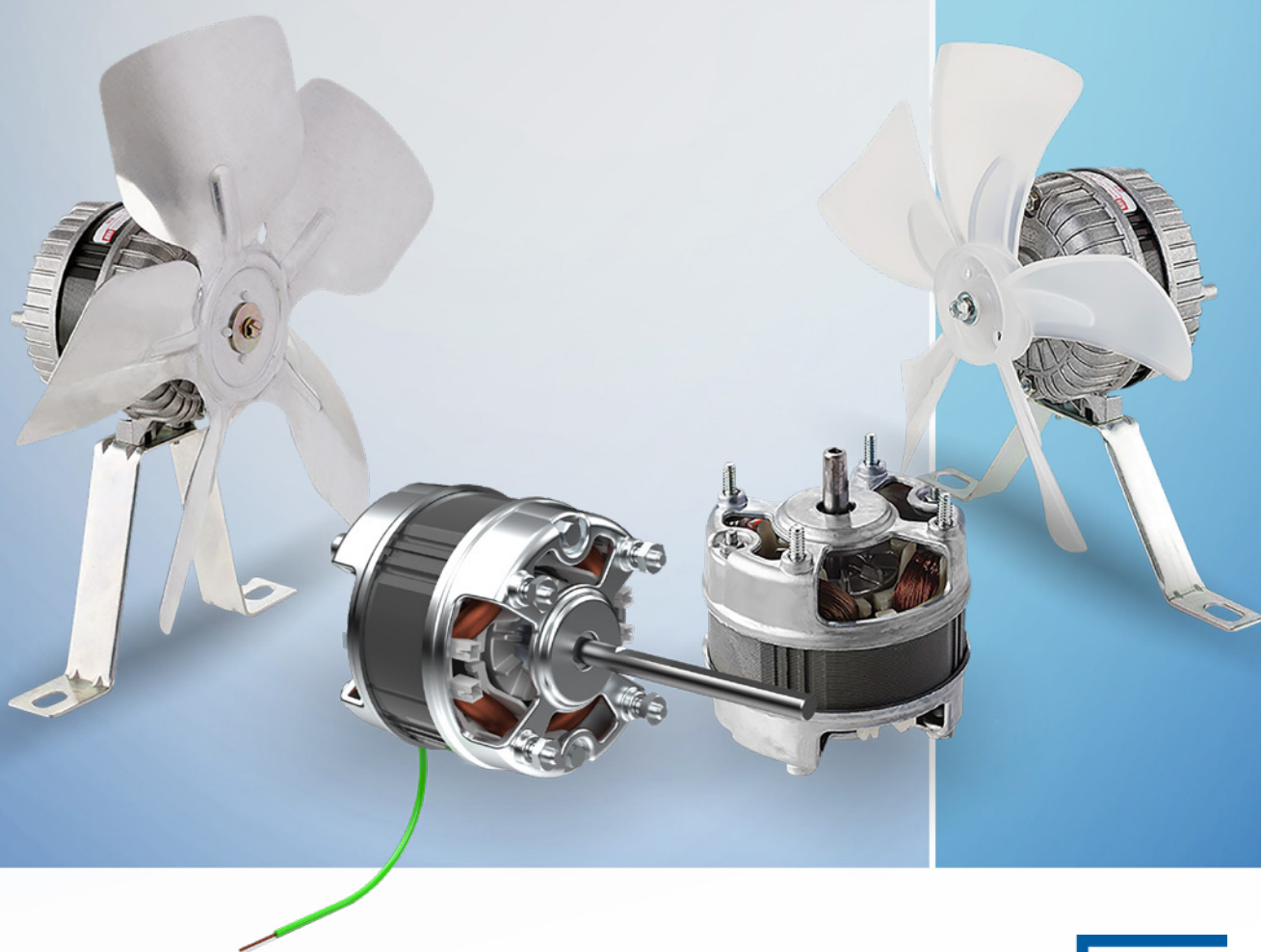
Automation

Digital &
Systems

Energy

Transmission &
Distribution

Coatings

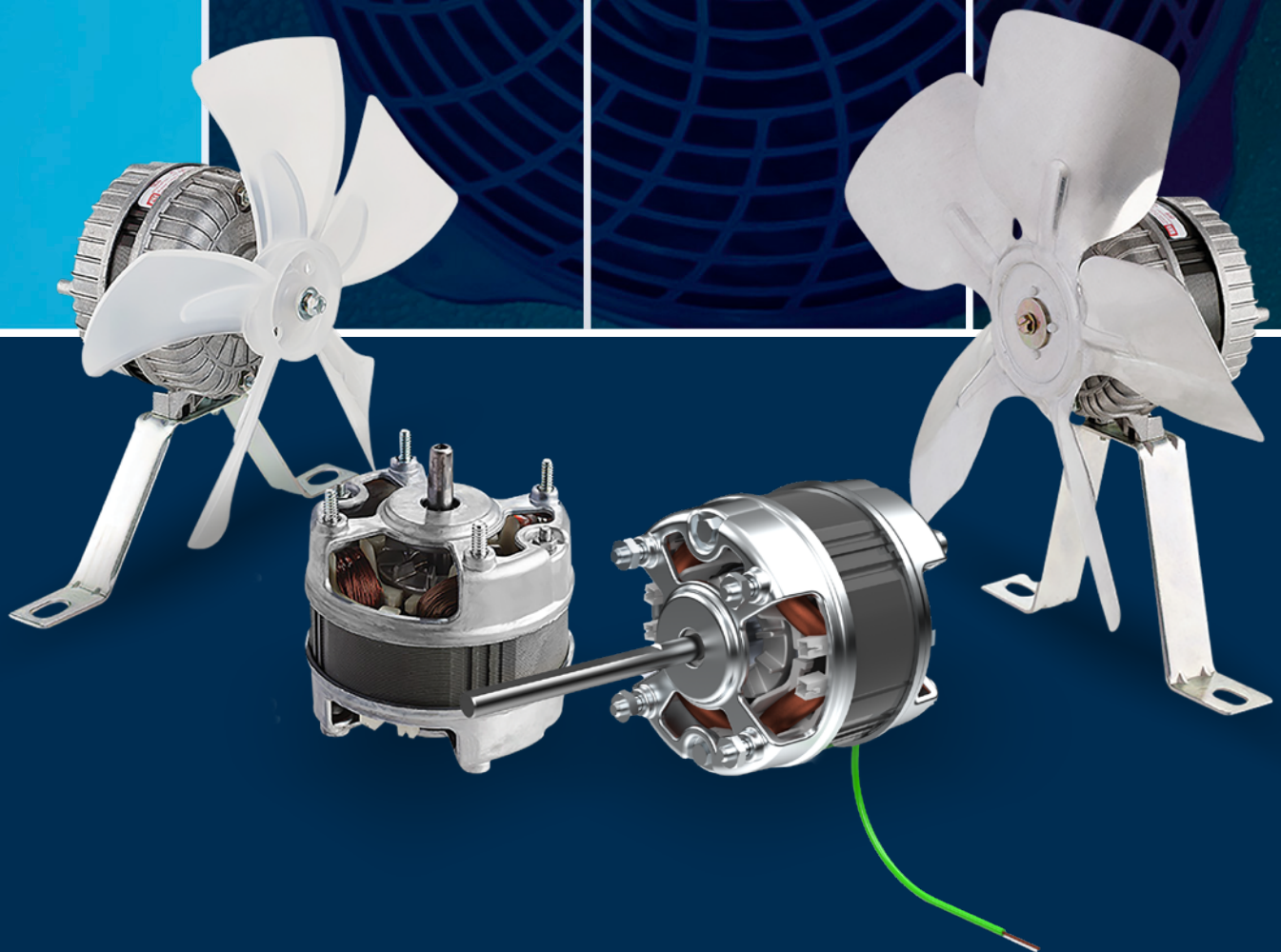


Driving efficiency and sustainability



WEG
MOTORS

**SOLUTION
FOR AIR
MOVEMENT**





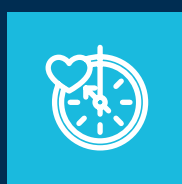
Characteristics



Ball
bearings



Low noise
level



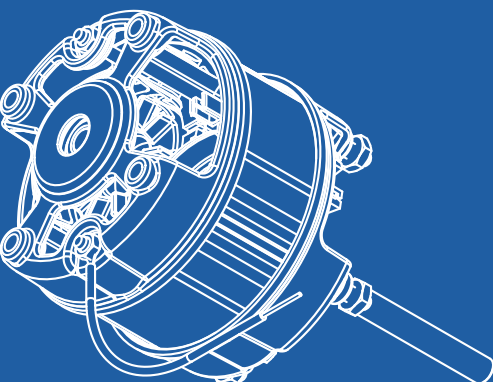
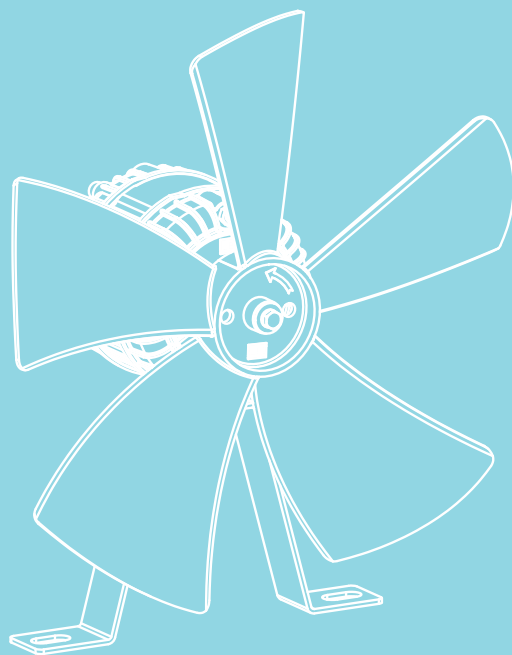
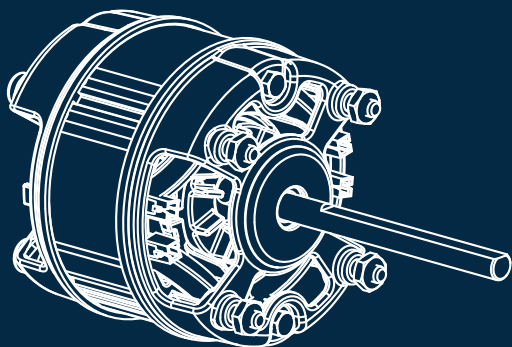
Long
lifetime



High
reliability



Extensive
network of
technical
assistance



Characteristics

Single-phase (Shaded-Pole)
Frame: Minimotor
Voltage: 115/230 V
Output: 5 to 16 W
Number of poles: 4
Frequency: 60 Hz
Degree of protection: IP00
Direction of Rotation: CW or CCW (lead end)
Ambient Temperature: -30 °C to 40 °C
Duty Cycle: Continuous
Shaft end: flat key
Fixing: screws on the DE and NDE endshields
Certification: RU

Optionals

Propeller: aluminium or polypropylene, type
exhauster or blower (on
diameters of 8" or 10")

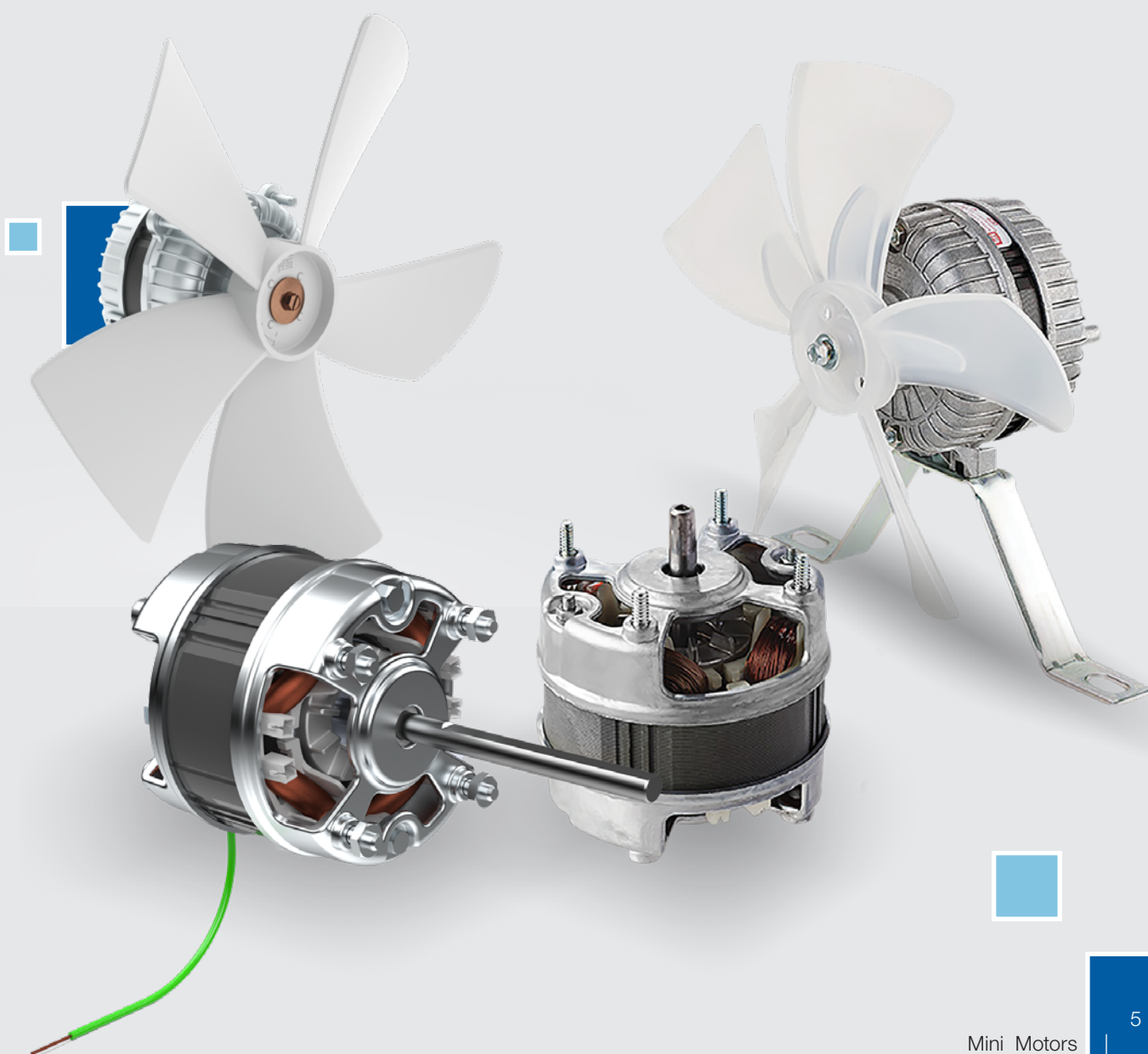
Special under request

Thermal Protection
Special power cord
Special shaft
Fixing: base
Degree of protection: IP21 or IP44

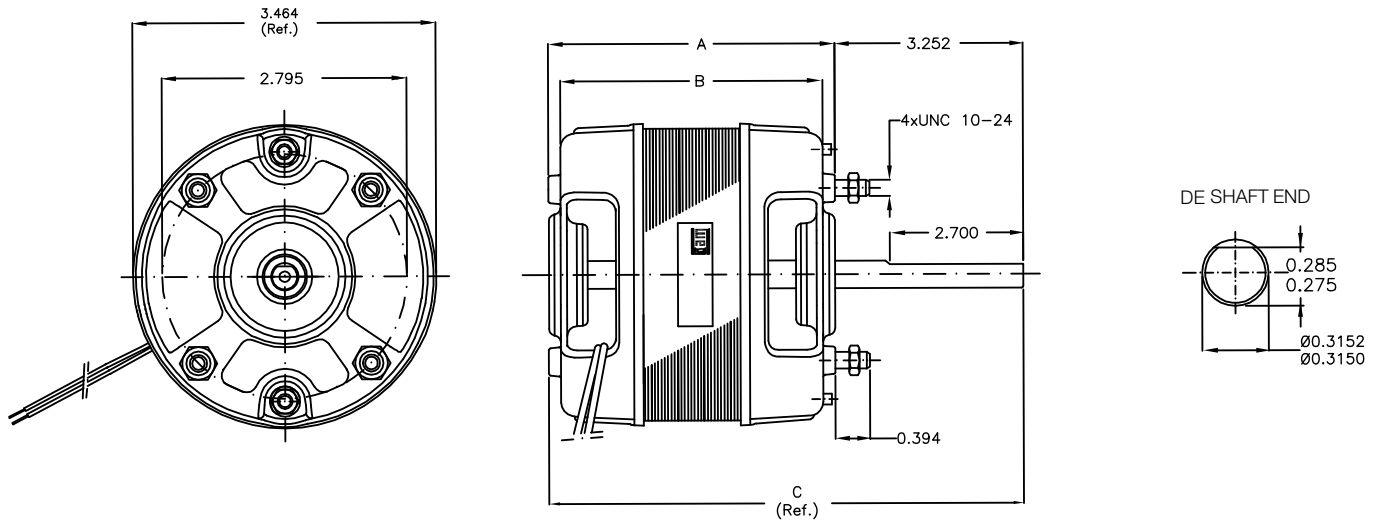
Electrical data

Power (mHP)	Power (W)	Voltage / Frequency	Current (A)	RPM	CFM (ft ³ /min)
6	5	115/230 V @ 60Hz	0.5 / 0.25	1525	525.4
10	8	115/230 V @ 60Hz	0.7 / 0.35	1525	456.9
13	10	115/230 V @ 60Hz	0.72 / 0.36	1525	328.1
17	13	115/230 V @ 60Hz	0.84 / 0.42	1525	322.1
21	16	115/230 V @ 60Hz	0.8 / 0.4	1525	305.2

Note: CFM rates were measured based on ANSI/ASHRAE 51 standards. Values subject to variation depending on the type of equipment.



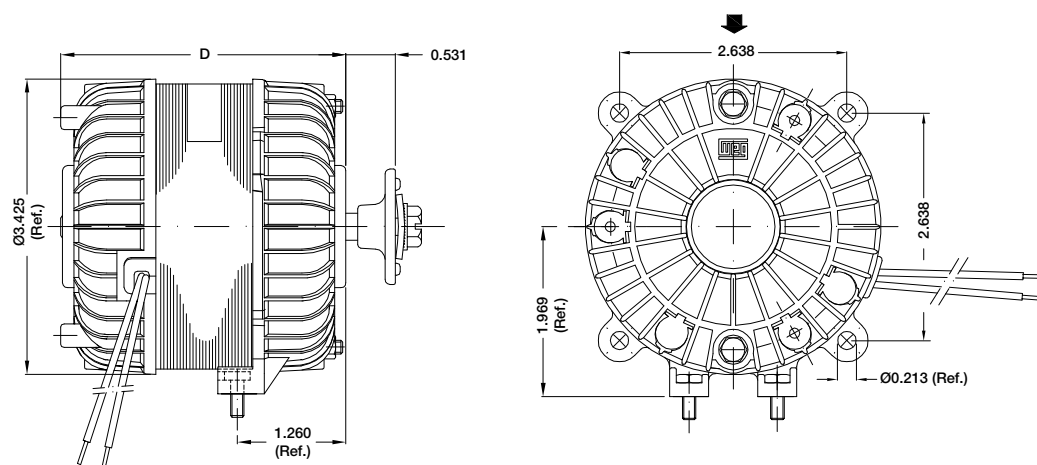
Mechanical data - Motor with flat key



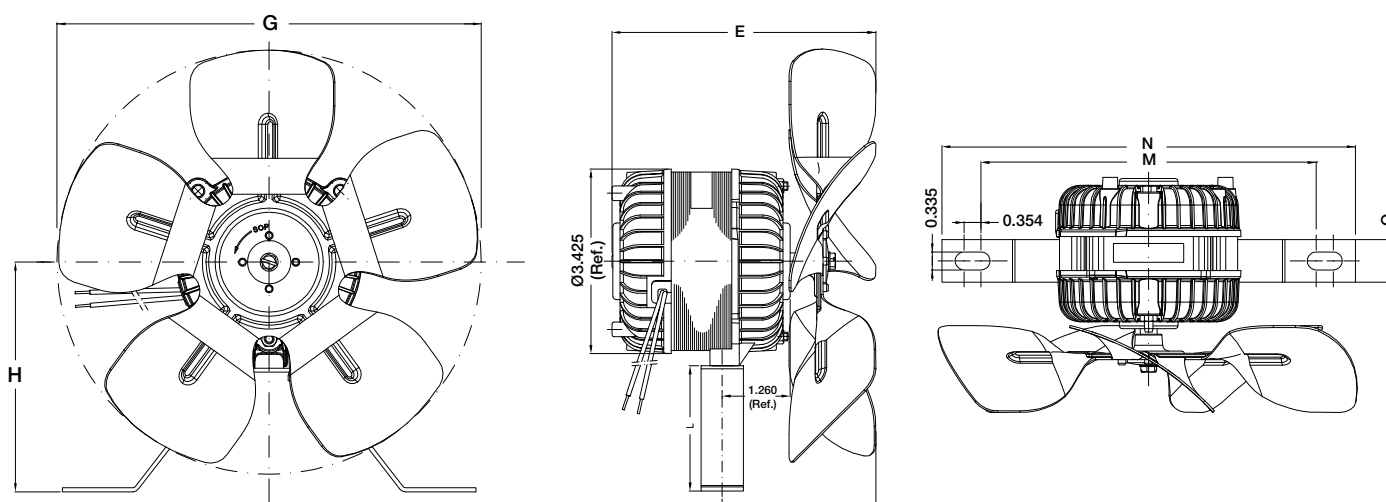
Dimensions (inch)

Watts	A	B	C
5W	2.638	2.362	5.890
8W	2.756	2.480	6.008
10W	2.835	2.559	6.087
13W	3.031	2.756	6.283
16W	3.268	2.992	6.520

Mechanical data - Motor without propeller



Mechanical data - WEG motor with propeller



Dimensions (inch)

Power (mHP)	Power (Watt)	D	E	F	G	H	L	M	N	O
6	5W	2.657	4.213	2.815	8	4.291	2.323	6.220	7.677	0.787
10	8W	2.776	4.331	2.815	8	4.291	2.323	6.220	7.677	0.787
13	10W	2.854	4.409	2.815	8	4.291	2.323	6.220	7.677	0.787
17	13W	3.051	4.606	2.815	10	5.669	3.701	5.118	6.496	0.984
21	16W	3.287	4.843	2.815	10	5.669	3.701	5.118	6.496	0.984

The scope of WEG Group solutions
is not limited to products and solutions
presented in this catalogue.

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The values shown are subject to change without prior notice.
The information contained is reference values.