

ACCESSORIES

MULTI-FIT MOTORS FOR VENTILATORS

VN--05-13/1056/V2	MULTI-FIT MOTOR FOR VENTILATOR 230 V / 240 V - 50 Hz / 60 Hz - 5 W / 32 W - 0,2 A - 1300 RPM / 1550 RPM - cable length 550 mm.
VN--10-20/1103/V2	MULTI-FIT MOTOR FOR VENTILATOR 230 V / 240 V - 50 Hz / 60 Hz - 10 W / 38 W - 0,23 A - 1300 RPM / 1550 RPM - cable length 540 mm.
VNT--18-30/46/V2	MULTI-FIT MOTOR FOR VENTILATOR 230 V / 240 V - 50 Hz / 60 Hz - 18 W / 73 W - 0,52 A - 1300 RPM / 1550 RPM - cable length 530 mm.
VNT--25-40/25/V2	MULTI-FIT MOTOR FOR VENTILATOR 230 V / 240 V - 50 Hz / 60 Hz - 25 W / 95 W - 0,68 A - 1300 RPM / 1550 RPM - cable length 520 mm.
VNT--34-45/25/V2	MULTI-FIT MOTOR FOR VENTILATOR 230 V / 240 V - 50 Hz / 60 Hz - 34 W / 120 W - 0,87 A - 1300 RPM / 1550 RPM - cable length 510 mm.

DESCRIPTION

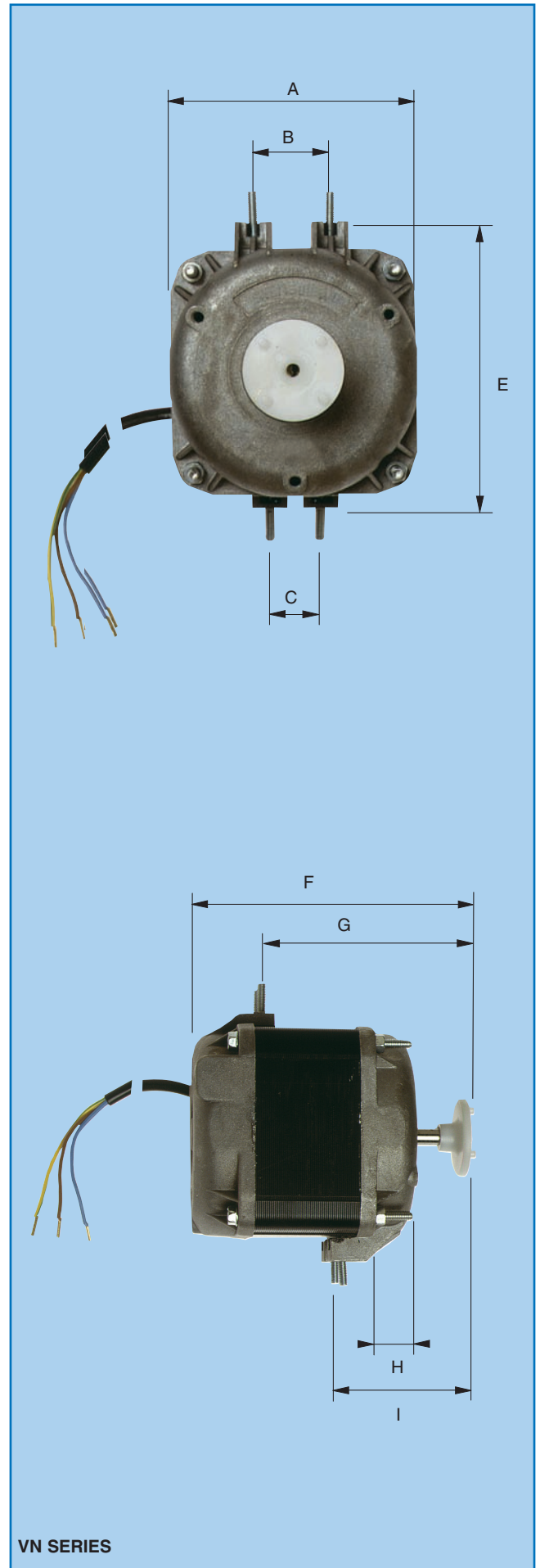
The 'VN'-series motors are shaded pole motors, a particular type of induction motor, coming from the permanent split capacitor (PSC) mode, where the start winding is substituted by a short break coil. The motors are particularly suitable for the refrigeration and ventilation sectors. The high technology used in manufacturing this motor and its particular mechanical structure give the motor robustness, low vibration and substantial efficiency. Especially designed to be coupled with axial fans, these motors are suitable to function in multi horizontal or multi vertical positions with a variety of fixings: rings, guards, stirrup brackets and flanges. All of the motors are supplied with aluminium alloy end-shields and black-painted stack. The shaft is mounted on self-aligning sleeve bearings with a lubrication reserve. The rotor is die-casted with a material which assures maximum electrical conductivity and the manufacturing process assures optimum electrical and mechanical balancing.

TECHNICAL FEATURES

- All motors are CE marked, V.D.E. and U.L. certified.
- Single phase with 4 shaded poles, rated 230 V and 50 Hz / 60 Hz.
- Power range from 5 W to 34 W output - relative to the stack length.
- Normally manufactured with class B materials, while internal protection is classified IP42. All motors are protected by their impedance or with a thermal cut-off in the windings.
- Operating temperature range from -35°C to +40°C.
- Motor is closed with screws
- 5 fixations possible:
 - 3 tapped back holes Ø M4 at 120°, distance 72 mm.
 - 3 tapped front holes Ø M4 at 120°, distance 72 mm.
 - 4 protruding screws Ø M4 on the shaft side for mounting a guard or a ring.
 - Bottom fixing screws, distance 18 mm (2 x M4 bolts) for bracket mounting.
 - Top fixing screws, distance 26 mm (screw + nut + O-ring) for bracket mounting.

Part number	A	B	C	E	F	G	H	I
VN--05-13/1056/V2	84	26	18	99	79	48	10	52
VN--10-20/1103/V2	84	26	18	99	87	49	11	59
VNT--18-30/46/V2	84	26	18	99	92	44	11	64
VNT--25-40/25/V2	84	26	18	99	112	53	10	84
VNT--34-45/25/V2	84	26	18	99	119	55	10	91

All sizes in mm



VN SERIES

ALUMINIUM FANS

DESCRIPTION

- 5 blade aluminium axial.
- Shape and pitch especially created to maximise the aeraulic efficiency.
- 2 main models:
Sucking (air movement from fan to motor)
Blowing (air movement from motor to fan).
- Fixation: 4 holes \varnothing 3,6 mm, distance 25,4 mm
 4 holes \varnothing 3,6 mm, distance 27,8 mm
 Centre hole \varnothing 7,1 mm.
- Pitch: 28° (other pitch available on request).

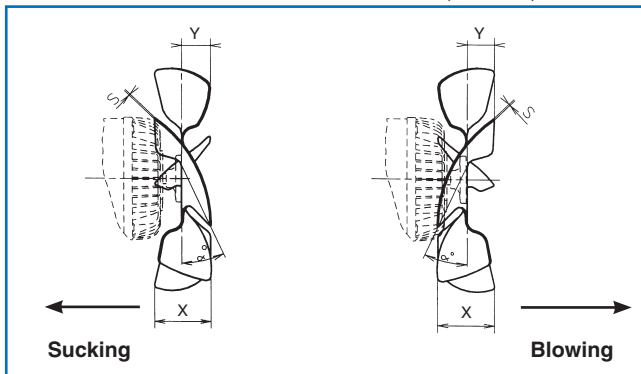
1. ANTI-CLOCKWISE SUCKING FANS (AIR MOVEMENT FROM FAN TO MOTOR)

		X	Y	S
SF-28-154	Aluminium sucking fan, \varnothing 154 mm	34	17	0,8
SF-28-172	Aluminium sucking fan, \varnothing 172 mm	35	17	0,8
SF-28-200	Aluminium sucking fan, \varnothing 200 mm	37	18	0,8
SF-28-230	Aluminium sucking fan, \varnothing 230 mm	43	24	1
SF-28-254	Aluminium sucking fan, \varnothing 254 mm	45	24	1
SF-28-300	Aluminium sucking fan, \varnothing 300 mm	52	28	1,2

2. ANTI-CLOCKWISE BLOWING FANS (AIR MOVEMENT FROM MOTOR TO FAN)

		X	Y	S
BF-28-154	Aluminium blowing fan, \varnothing 154 mm	34	17	0,8
BF-28-172	Aluminium blowing fan, \varnothing 172 mm	35	17	0,8
BF-28-200	Aluminium blowing fan, \varnothing 200 mm	37	18	0,8
BF-28-230	Aluminium blowing fan, \varnothing 230 mm	43	24	1
BF-28-254	Aluminium blowing fan, \varnothing 254 mm	44	24	1
BF-28-300	Aluminium blowing fan, \varnothing 300 mm	57	34	1,2

Measurements in mm - tolerance: X = \pm 2 mm, Y = \pm 1,5 mm.



FAN BRACKETS

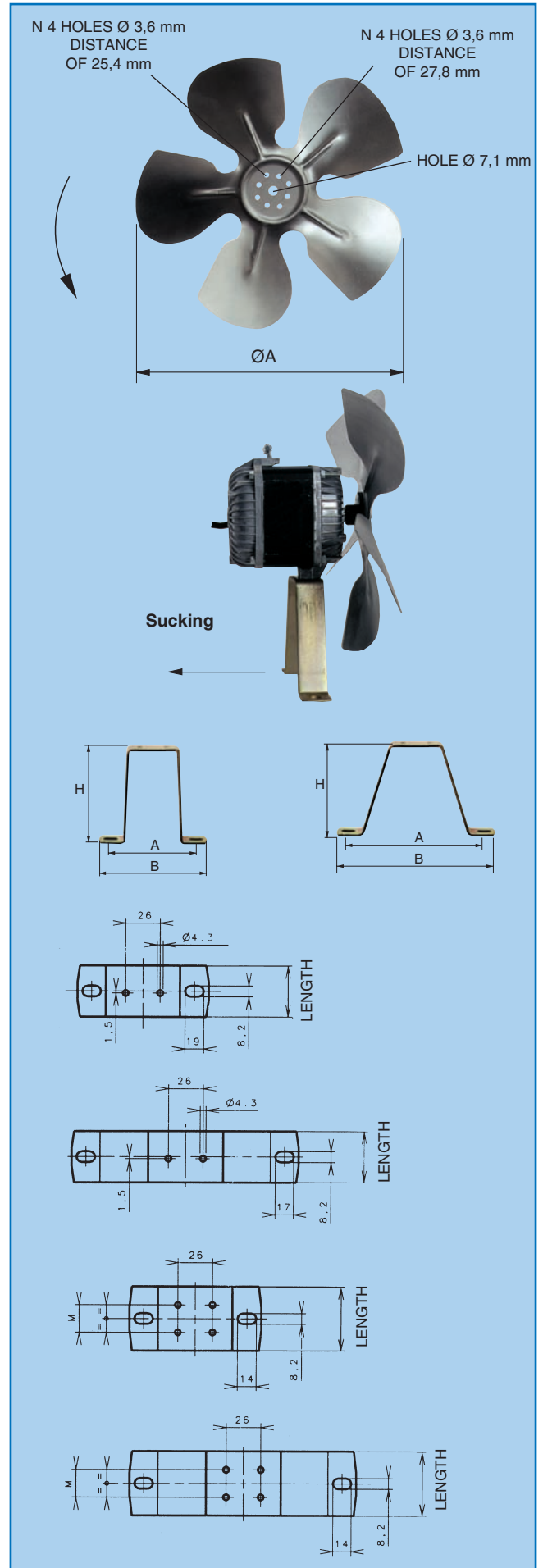
- Made out of zinc-coated steel.

1. STRAIGHT BRACKETS

PART NUMBER	TYPE	DIMENSIONS in mm				
		A	B	LENGTH	H	M
SB-101	1	81	106	24	39	-
SB-103	1	81	106	24	52	-
SB-110	1	81	106	24	72	-
SB-113	1	81	106	24	84	-
SB-007	2	78	100	39	73	21
SB-049	2	78	100	39	84	21
SB-003	2	78	100	39	109	21
SB-002	2	78	100	49	109	31

2. DIVERGING BRACKETS

PART NUMBER	TYPE	DIMENSIONS in mm				
		A	B	LENGTH	H	M
DB-162	1	159	181	24	72	-
DB-157	1	142	164	24	84	-
DB-061	2	110	132	39	90	21
DB-009	2	150	172	49	112	31



FAN PULLER TOOL

MV-3570

COMPLETE CASE

Fan puller **KIT** containing all sizes

- A *PROFESSIONAL TOOL... FAST & EASY...*
- A simple method to remove fan from shaft without damage to fan, fan motor or shaft.

