



COMPACT HCFB/HCFT PLASTIC IMPELLERS

5602091100 - HCFT/4-630/H-A (230/400V50HZ) V5 - PLATE MOUNTED AXIAL FLOW FANS



Range of low profile plate mounted axial fans fitted with plastic impellers with fiberglass, three phase motor (HCFT), IP65, Class F insulation, equipped with thermal protection.

Motors

4 poles.
Electrical supplies:
Three phase 230/400V-50Hz or 400V-50Hz.
Brand S&P model HCFT/4-630/H-A (230/400V50HZ) V5.

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Theoretical Working Point

Airflow	-
Static Pressure	0,000 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

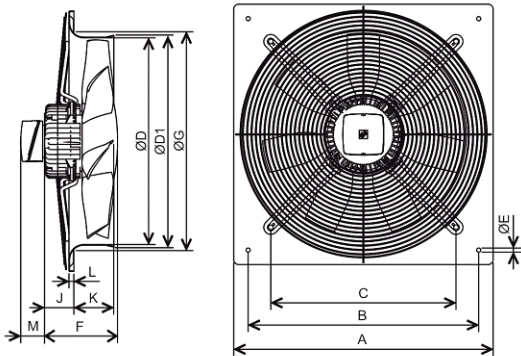
Construction

Discharge diameter	630 mm
Fan size	630
Blades	7
Weight	25,00 kg

Motor Characteristics

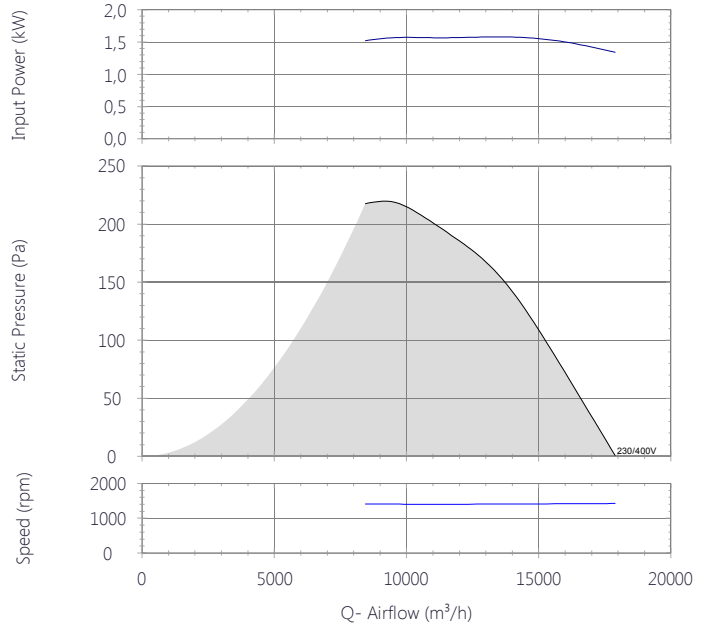
Number of poles	4
Voltage	3-230/400V-50Hz
Maximum absorbed current	5,1 A / 2,9 A
IP Rating	IP65
Motor insulation class	F

Drawing



A	B	C	D	D1	E	F	G	J
800	710	580	630	640	12	218.5	674	110.5
K	L	M						
103	12	58						

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	59	74	78	83	87	84	81	74	91
Inlet LpA @ 1m	48	63	67	72	76	73	70	63	80

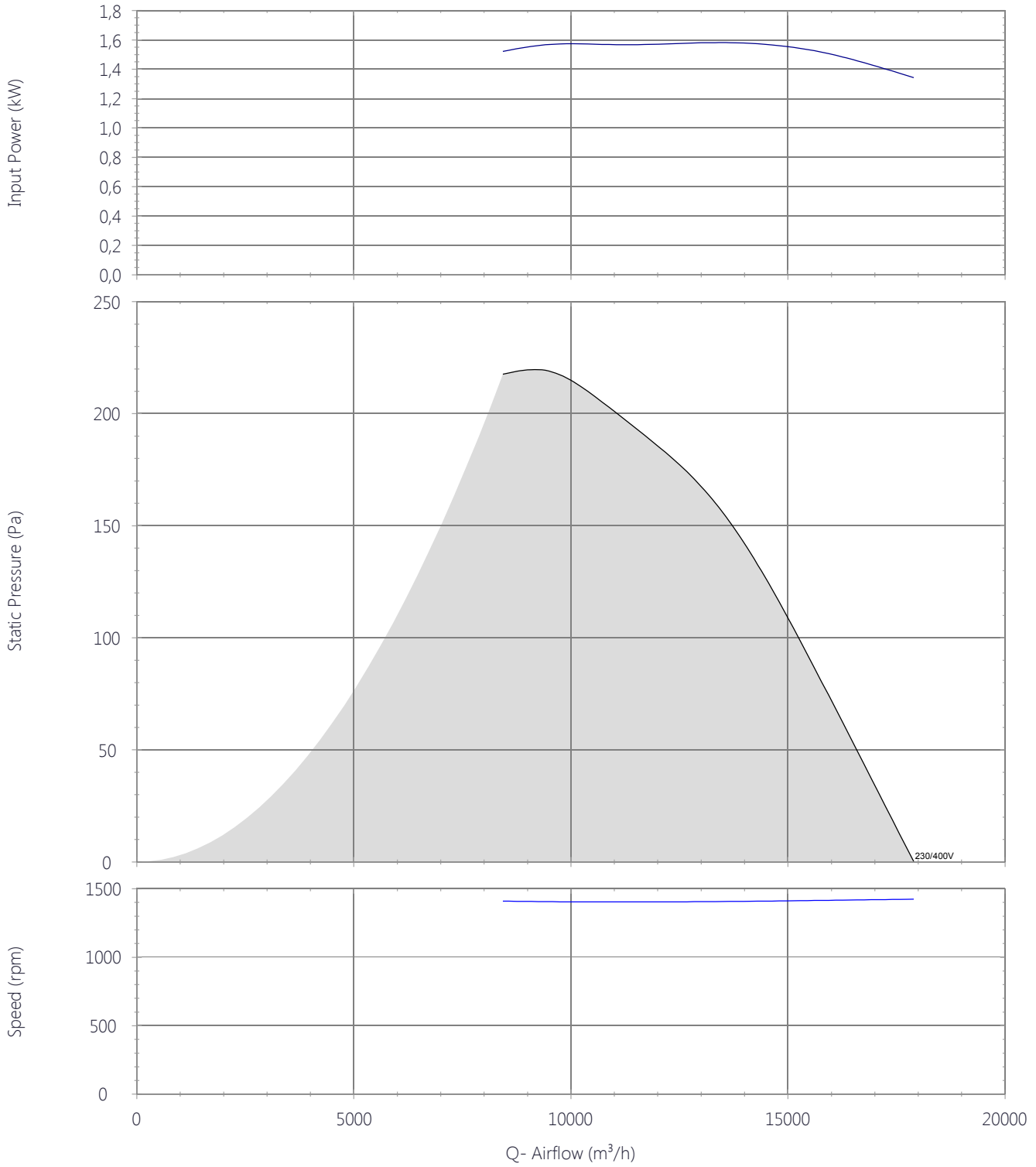




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Performance Chart

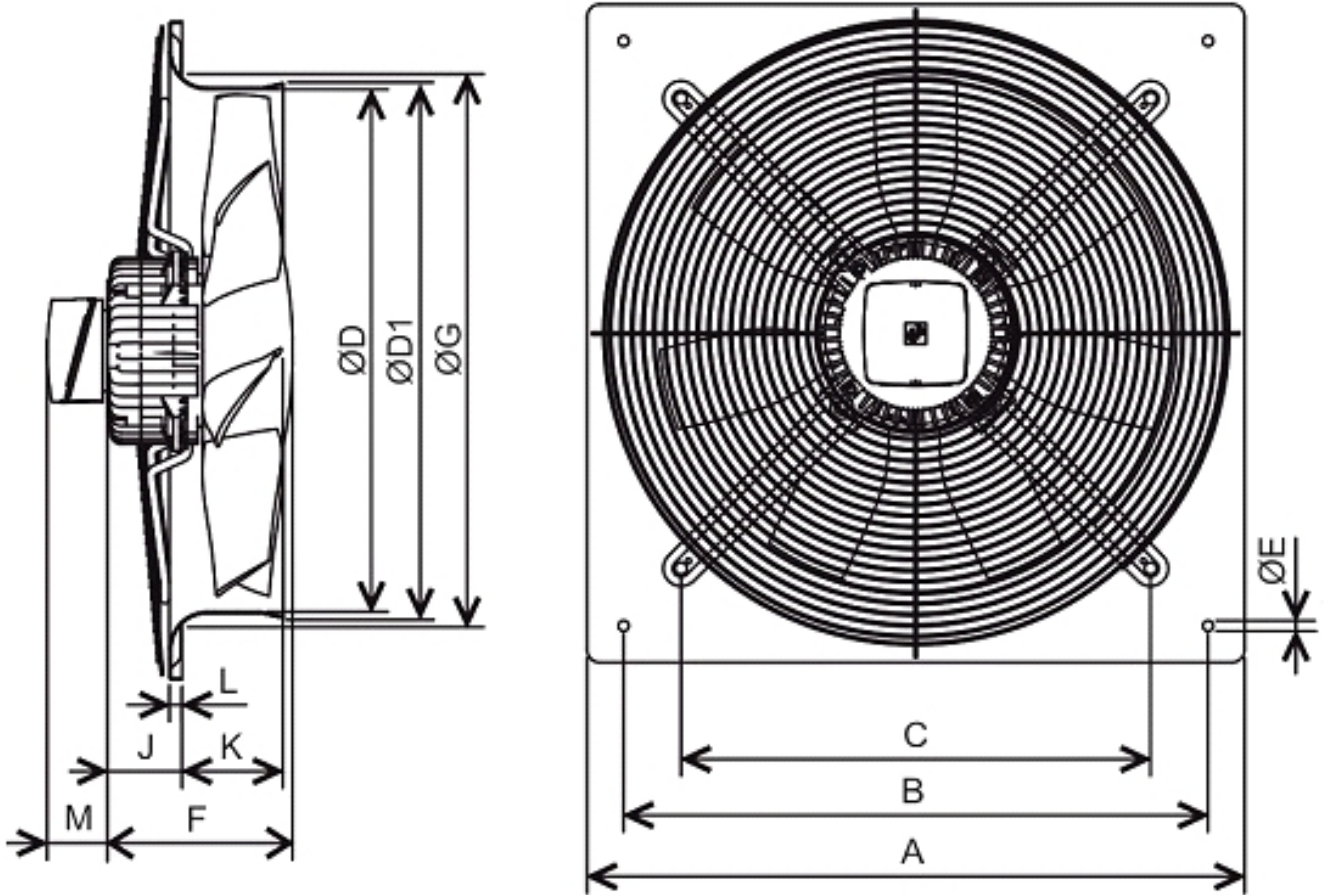




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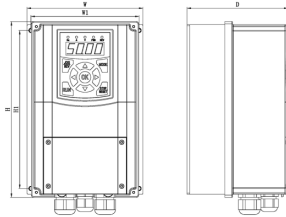
Accessories

L1000000662 - S&P UK DIGITAL INVERTER VFD-M 1PH>3PH 2.2KW 230V (10A MAX)

Single-phase 230V-50/60Hz Voltage supply. Motor kW protection programmable by a single parameter. Power on and drive status indication. Speed selection with UP/DOWN keys. Run/Fault relay output contacts. Motor overload and shortcut protections.



Dimensions



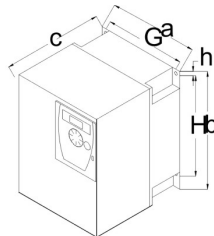
H	H1	W	W1	D	d
193	170	150	140	131	4.5

5401612300 - VFTM MONO 1,10 Modelo ATV312

Adjustable frequency drive [INDPROT]. Single phase supply (230V 50/60Hz), three phase 230V output .



Dimensions



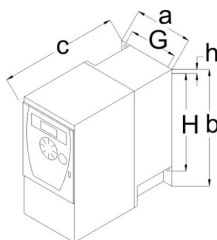
a	b	c	G	h	H	I	nM4
107	143	152	93	5	121.5	5	2

5401618600 - VFTM MONO 1,1 IP55

Adjustable frequency drive. Single phase supply (230V 50/60Hz), three phase 230V output .



Dimensions



a	b	c	G	H	I
215	297	192	197	277	5.5



COMPACT HCFB/HCFT PLASTIC IMPELLERS

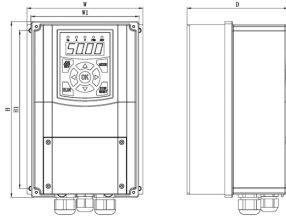
5602091100 - HCFT/4-630/H-A (230/400V50HZ) V5 - PLATE MOUNTED AXIAL FLOW FANS

L1000000664 - S&P UK DIGITAL INVERTER VFD-T 3PH>3PH 2.2KW 400V (5A MAX)

Three-phase 400V-50/60Hz Voltage supply. Motor kW protection programmable by a single parameter. Power on and drive status indication. Speed selection with UP/DOWN keys. Run/Fault relay output contacts. Motor overload and shortcut protections.



Dimensions



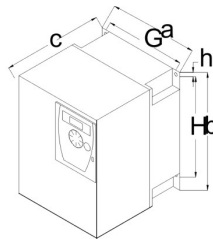
H	H1	W	W1	D	d
193	170	150	140	131	4.5

5401612900 - VFTM TRI 1,1

Adjustable frequency drive. Three phase supply (400V 50/60Hz), three phase 400V output.



Dimensions



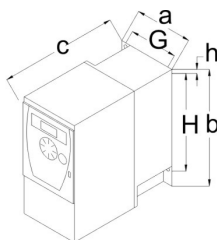
a	b	c	G	h	H	I	nM4
107	143	152	93	5	121.5	5	2

5401619200 - VFTM TRI 1,1 IP55

Adjustable frequency drive [INDPROT]. Three phase supply (400V 50/60Hz), three phase 400V output.



Dimensions



a	b	c	G	H	I
215	297	192	197	277	5.5



COMPACT HCFB/HCFT PLASTIC IMPELLERS

5602091100 - HCFT/4-630/H-A (230/400V50HZ) V5 - PLATE MOUNTED AXIAL FLOW FANS

5132926600 - MSD



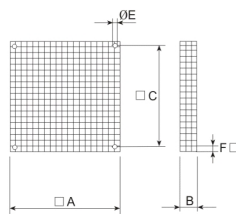
Motor starter for three phase motors with integrated thermal contacts.- Surface mounting.- Cabinet installation. - Potential free contact. - IP54.

5111625900 - DEF-630 DESCARGA



WIRE PROTECTION GUARD - PLATE AXIAL FANS

Dimensions



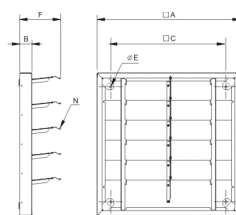
A	B	C	E	F
808	150	735	8	25

5112681700 - PER-630 CR



Louvre back draft shutters with steel frame and aluminium shutter blades with a system for simultaneous opening of all shutter blades. All models are fitted with bird guard.

Dimensions



A	B	C	E	F	N
700	60	590	10	200	5



COMPACT HCFB/HCFT PLASTIC IMPELLERS

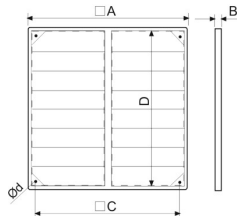
5602091100 - HCFT/4-630/H-A (230/400V50HZ) V5 - PLATE MOUNTED AXIAL FLOW FANS

5406066000 - PER-630 W

Louvre back draft shutters manufactured totally from UV stabilized plastic material.



Dimensions



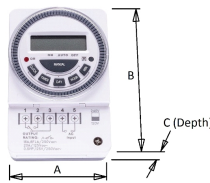
A	D	C	B	od
696	655	626	31	5

L011100000388 - 7-DAY PROGRAMMABLE TIMECLOCK

Surface-mount digital 7-day timer.



Dimensions



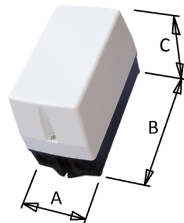
A	B	C
66	98	39

L011100000414 - CONTACTOR INTERFACE STATION -9A - 2xN/C & 2xN/O CONTACTS

9A 2 x N/O / 2 x N/C relay in IP65 enclosure for switching of fans from an external source.



Dimensions



A	B	C
110	234	149



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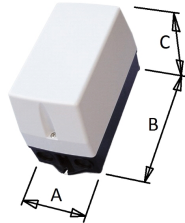
5602091100 - HCFT/4-630/H-A (230/400V50HZ) V5 - PLATE MOUNTED AXIAL FLOW FANS

L0111000000199 - CONTACTOR INTERFACE STATION -9A - 4xN/O CONTACTS

9A N/O relay in IP65 enclosure for switching of fans from an external source, particularly useful for the on/off control of 3-phase units.



Dimensions



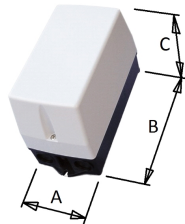
A	B	C
110	234	149

L0111000000541 - RELAY 230V COIL DPDT C/W ENCLOSURE IP65

Double-Pole, Double-throw relay in IP65 enclosure for switching of fans from an external source.



Dimensions



A	B	C
110	234	149



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ErP Data

Maximum efficiency %	39,5
Installation type	A
Category efficiency	Static
N	N44,6
Variable speed drive	+
Year of manufacture	Product Rating Plate
Manufacturer's Info	S&P ES-08150 CIF-864911928
Product code	5602091100
Input power at optimum efficiency point (kW)	1,569
Airflow at optimum efficiency point [m ³ /h]	11.760
Pressure at optimum efficiency point [Pa]	189
Speed at optimum efficiency point	1404
Specific Ratio	1
Recycling/disposal	Instruction Manual
Maintenance	Instruction Manual
Additional components	Catalogue and according to ISO 5801