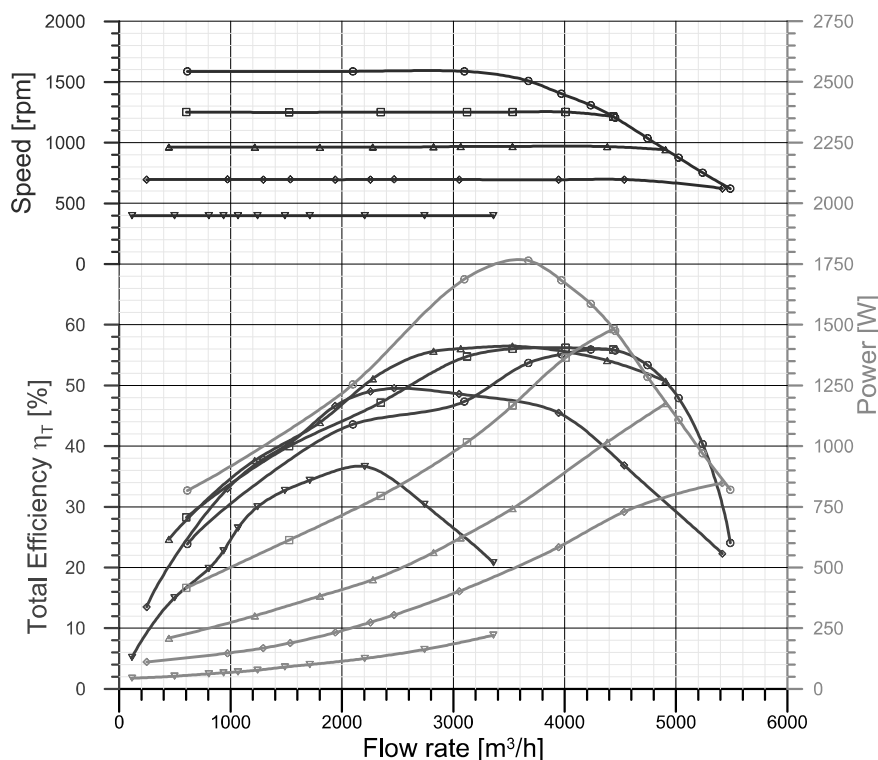
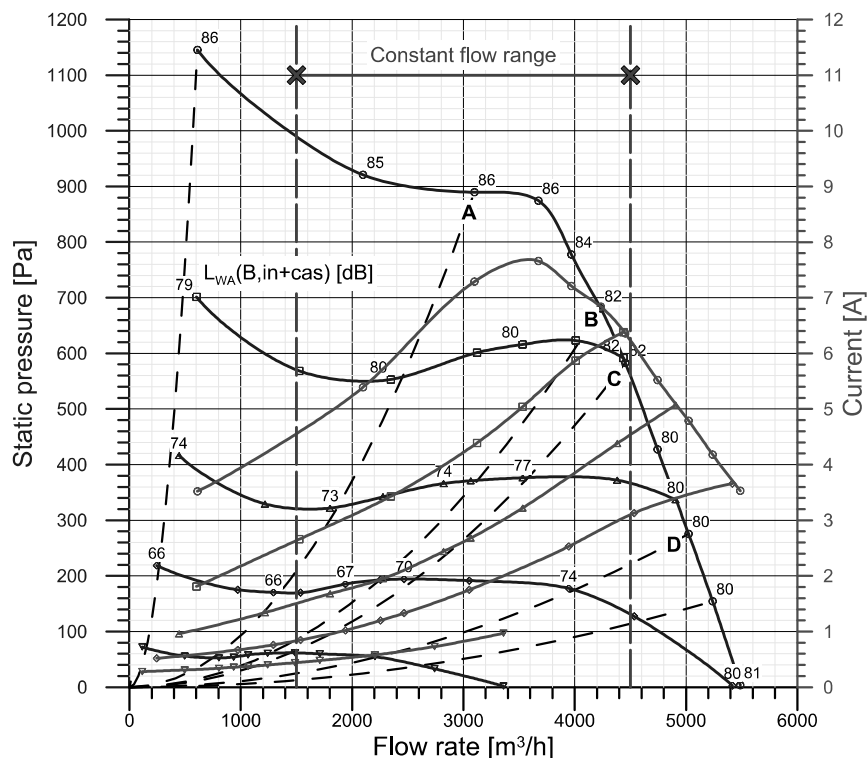


Power: 1764 W (input, max) Protection Cl.: IP 54 (Motor)
Poles: 8 Insulation Cl.: F
Voltage: 220-240 V Thermal prot.: YES-Integral
Supply: 1~ Temp. Min: -20 °C
Frequency: 50-60 Hz Temp. Max: +40 °C
Capacitor: n.a. Current Max: 7.66 A

Type: DDMP 12/9 2kW 1Ph
Motor: 1416A4+1431A8

Performance data referring to:
Standard air density $\rho = 1.20 \text{ kg/m}^3$
Installation type "B": free inlet, ducted outlet
Sound Power Levels shown are
Inlet-side $L_{WA}(B, in+cas)$, A-weighted, in dBA

Integral speed-control by On-board Driver 1431A8



	qv m³/h	pfs Pa	Pe W	n rpm	I A	η _T %
○ Maximum performance curve (10 V)						
A	3099	890	1687	1588	7.29	47.4
B	4234	681	1586	1309	6.84	55.9
C	4454	583	1474	1206	6.36	55.8
D	5023	275	1108	877	4.79	47.9

□ Performance at 1250 rpm						
A	2348	553	795	1252	3.43	47.2
B	4008	623	1364	1253	5.87	56.2
C	4437	592	1482	1215	6.38	55.9
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

△ Performance at 970 rpm						
A	1801	322	382	963	1.68	43.9
B	3065	371	622	969	2.68	56.1
C	3532	376	743	970	3.22	56.5
D	4906	337	1175	942	5.07	50.7

◇ Performance at 700 rpm						
A	1293	170	168	697	0.76	37.9
B	2255	193	274	697	1.20	49.0
C	2467	194	304	698	1.33	49.5
D	3946	178	584	695	2.53	45.5

▽ Performance at 400 rpm						
A	804	53	62	399	0.34	19.8
B	1242	61	77	399	0.40	30.0
C	1487	62	90	399	0.44	32.7
D	2205	55	125	399	0.58	36.7

ErP Data acc. to Reg. 327/11/CE

Performance referred to the best efficiency duty point

Compl. with Reg. 327/11/EC: Tier II (2015)
Overall Efficiency ($\eta \times C_c$) [%]: 60.1
Measurement category: B
Efficiency category: Total
Efficiency grade N [%]: 65.2
A variable speed drive is integrated with this fan
Manufactured since: 2016

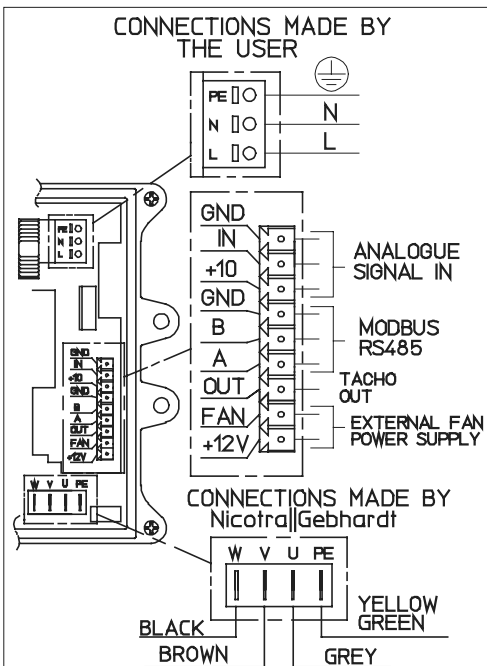
By:
Regal Beloit Italy S.p.A.
Via Modena 18
24040 Ciserano - Italy
Power input [kW]: 1.586
Volume flow rate qv [m³/s]: 1.176
Total Pressure [Pa]: 755
Speed [rpm]: 1309
Specific ratio: 1.007

Information on:
- Disassembly, recycling and disposal at end of life
- Optimal installation, use and maintenance of fans
are freely downloadable from

www.nicotra-gebhardt.com

Testing is carried out with the optional components of the test airway required, according to ISO 5801:2007, for the installation type detailed here on top.

WIRING DIAGRAM

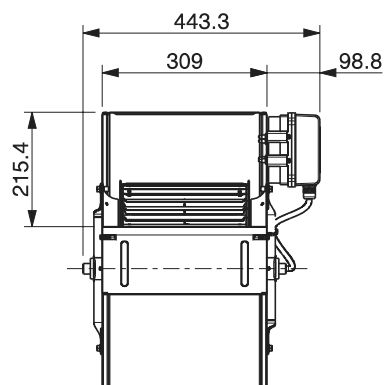
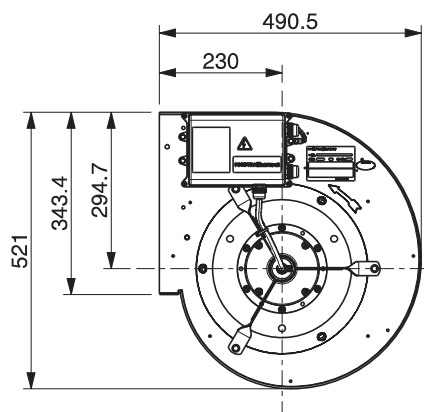


NOISE DATA

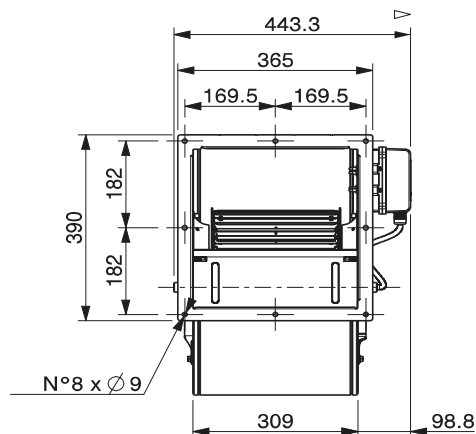
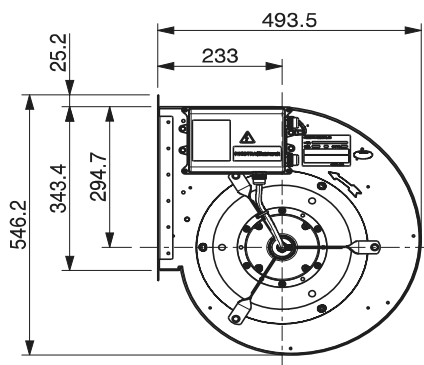
[illegible]

DIMENSIONAL DRAWINGS

6DB0058ZZ0000000 - DDMP 12/9 M6A4 DA8



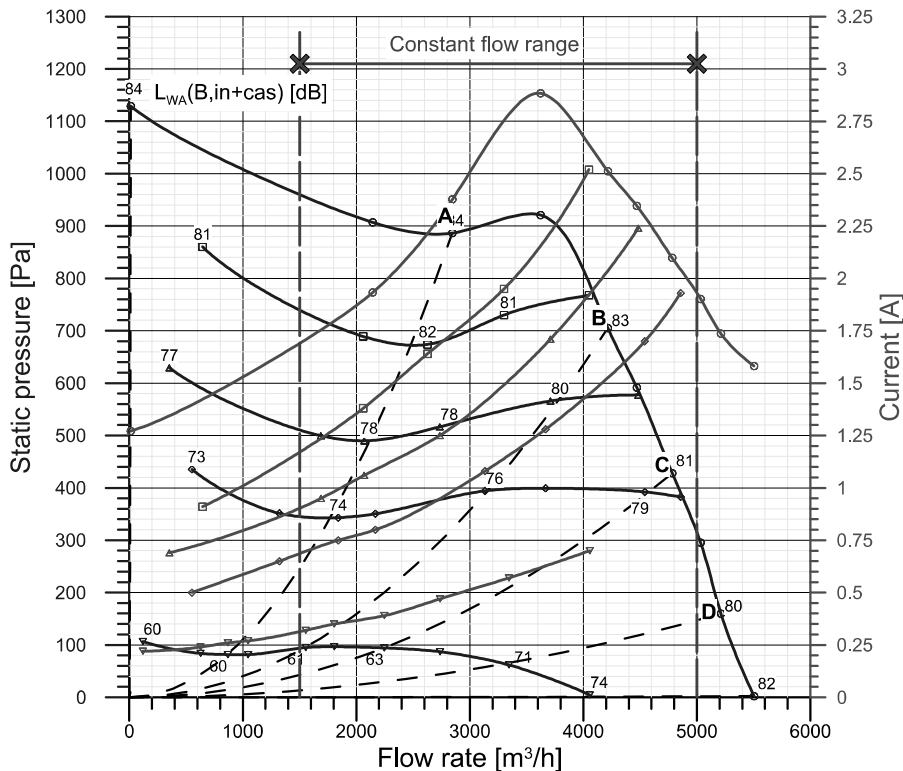
6DB0058ZZ0000001 - DDMP 12/9 M6A4 DA8+FL



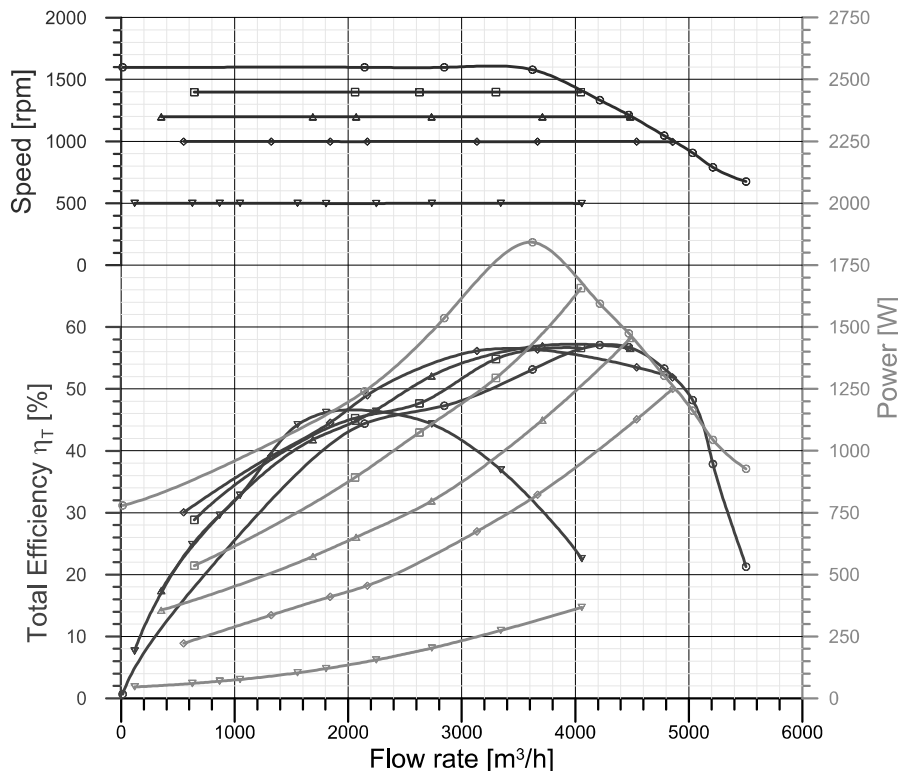
Power: 1850 W (input, max) Protection Cl.: IP 54 (Motor)
 Poles: 8 Insulation Cl.: F
 Voltage: 400 V Thermal prot.: YES-Integral
 Supply: 3~ Temp. Min: -20 °C
 Frequency: 50-60 Hz Temp. Max: +40(+50) °C
 Capacitor: n.a. Current Max: 2.88 A

Performance data referring to:
 Standard air density $\rho = 1.20 \text{ kg/m}^3$
 Installation type "B": free inlet, ducted outlet
 Sound Power Levels shown are
 Inlet-side $L_{WA}(B, in+cas)$, A-weighted, in dBA

Integral speed-control by On-board Driver 1431G0



	qv m³/h	pfs Pa	Pe W	n rpm	I A	η_T %
○ Maximum performance curve (10 V)						
A	2846	887	1536	1599	2.38	47.3
B	4216	705	1594	1334	2.51	57.1
C	4783	428	1303	1047	2.10	53.3
D	5212	160	1044	791	1.74	37.9
□ Performance at 1400 rpm						
A	2627	674	1074	1399	1.64	47.7
B	4049	768	1657	1398	2.52	56.6
C	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
△ Performance at 1200 rpm						
A	2070	490	651	1199	1.06	44.8
B	3710	566	1124	1199	1.71	57.0
C	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
◇ Performance at 1000 rpm						
A	1841	343	410	999	0.75	44.6
B	3133	394	674	999	1.08	56.2
C	4541	392	1127	999	1.70	53.5
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
▽ Performance at 500 rpm						
A	868	82	69	500	0.26	29.6
B	1554	95	103	500	0.32	44.2
C	2247	94	155	499	0.39	46.4
D	3344	62	274	500	0.57	36.9



ErP Data acc. to Reg. 327/11/CE

Performance referred to the best efficiency duty point

Compl. with Reg. 327/11/EC: Tier II (2015)
 Overall Efficiency ($\eta \times C_c$) [%]: 61.3
 Measurement category: B
 Efficiency category: Total
 Efficiency grade N [%]: 66.4
 A variable speed drive is integrated with this fan
 Manufactured since: 2019

By:
 Regal Beloit Italy S.p.A.
 Via Modena 18
 24040 Ciserano - Italy

Power input [kW]: 1.594
 Volume flow rate q_v [m³/s]: 1.171
 Total Pressure [Pa]: 779
 Speed [rpm]: 1334
 Specific ratio: 1.008

Information on:

- Disassembly, recycling and disposal at end of life
- Optimal installation, use and maintenance of fans

are freely downloadable from

www.nicotra-gebhardt.com

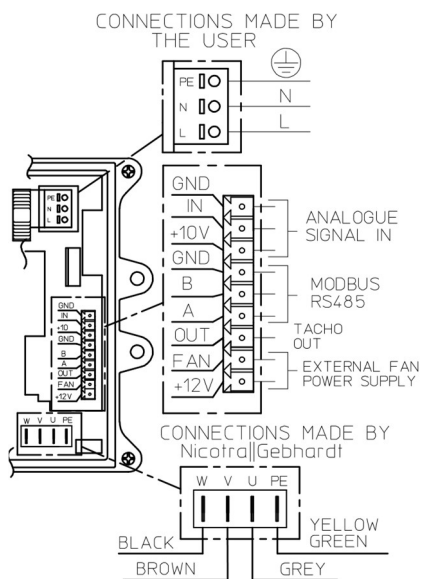
Testing is carried out with the optional components of the test airway required, according to ISO 5801:2007, for the installation type detailed here on top.

Test nr.: S5669 Date: 30/01/2019
 Laboratory: Nicotra Gebhardt S.p.A. - Zingonia
 Test chamber: 10000 m³/h

Produced with NG Fan Datasheet Template Ver. B-BC+FC-1.3, on 02/03/2021

This test data obtained in a laboratory registered by AMCA for AMCA 210/07 air performance testing. Data is not certified by AMCA.

WIRING DIAGRAM SCHEMA DI COLLEGAMENTO

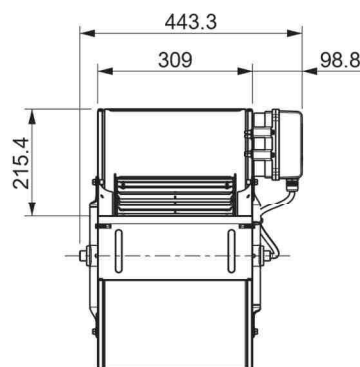
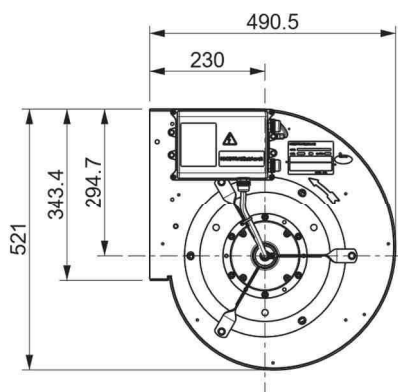


NOISE DATA DATI DI RUMORE

Working point		Sound power level for inlet side (L _w) in dB									
		m ³ /h	63	125	250	500	1k	2k	4k	8kHz	L _{wA}
230 V / 50 Hz	A	2846	79	89	88	79	77	75	71	66	84
Fan Maximum	B	4216	70	81	84	78	78	74	70	64	83
Working	C	4783	72	79	77	80	77	73	69	63	81
Limit	D	5212	80	78	77	77	75	74	71	64	80
230 V / 50 Hz	A	2627	80	86	86	76	75	72	68	62	82
1400 rpm	B	4049	74	84	84	78	79	74	70	65	83
	C	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
230 V / 50 Hz	A	2070	74	82	81	73	71	69	65	57	78
1200 rpm	B	3710	69	79	81	75	75	71	67	61	80
	C	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
230 V / 50 Hz	A	1841	70	79	77	70	67	65	59	52	74
1000 rpm	B	3133	73	77	76	71	72	67	62	55	76
	C	4541	70	78	77	74	75	72	68	62	79
	D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
230 V / 50 Hz	A	868	65	62	61	60	52	48	36	31	60
500 rpm	B	1554	64	62	62	60	54	51	40	32	61
	C	2247	65	62	64	61	58	56	46	39	63
	D	3344	75	67	69	66	65	65	58	50	71

DIMENSIONAL DRAWINGS DISEGNI DIMENSIONALI

6DD0058ZZ0000000 – DDMP 12/9 1.9kW 400V-3F M6A4-DG0



6DD0058ZZ0000001 – DDMP 12/9 1.9kW 400V-3F M6A4-DG0 +FL

