

Type: DDMP 10/10 1kW 1Ph Motor: 1416A2+1431A5

Power: 1029 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: 4.38 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 1431A5

qv
m3/h

pfs
Pa

Pe
W

n
rpm

I
A

η_T
%

Maximum performance curve (10 V)

	qv m3/h	pfs Pa	Pe W	n rpm	I A	η_T %
A	2315	687	1025	1664	4.38	44.8
B	3173	473	843	1274	3.57	54.7
C	3321	408	789	1186	3.33	54.2
D	3729	224	632	930	2.66	48.2

Performance at 1400 rpm

	qv m3/h	pfs Pa	Pe W	n rpm	I A	η_T %
A	2035	474	647	1394	2.73	43.2
B	3078	510	873	1328	3.70	54.6
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 1180 rpm

	qv m3/h	pfs Pa	Pe W	n rpm	I A	η_T %
A	1571	336	392	1179	1.65	38.8
B	2878	403	652	1179	2.76	54.5
C	3277	403	767	1177	3.25	54.3
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Performance at 960 rpm

	qv m3/h	pfs Pa	Pe W	n rpm	I A	η_T %
A	1239	228	219	964	0.92	37.1
B	2374	267	366	963	1.54	53.2
C	2643	267	416	963	1.75	53.3
D	3669	242	644	955	2.72	49.1

Performance at 400 rpm

	qv m3/h	pfs Pa	Pe W	n rpm	I A	η_T %
A	512	37	36	398	0.33	15.1
B	948	43	45	398	0.35	27.9
C	1061	43	48	398	0.35	30.1
D	1523	39	64	398	0.40	33.4

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 ($\eta \times C_c$) [%]: 59.7

Measurement category: B

Efficiency category: Total

Efficiency grade N [%]: 66.5

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]: 0.843

Volume flow rate qv [m³/s]: 0.881

Total Pressure [Pa]: 524

Speed [rpm]: 1274

Specific ratio: 1.005

Information on:

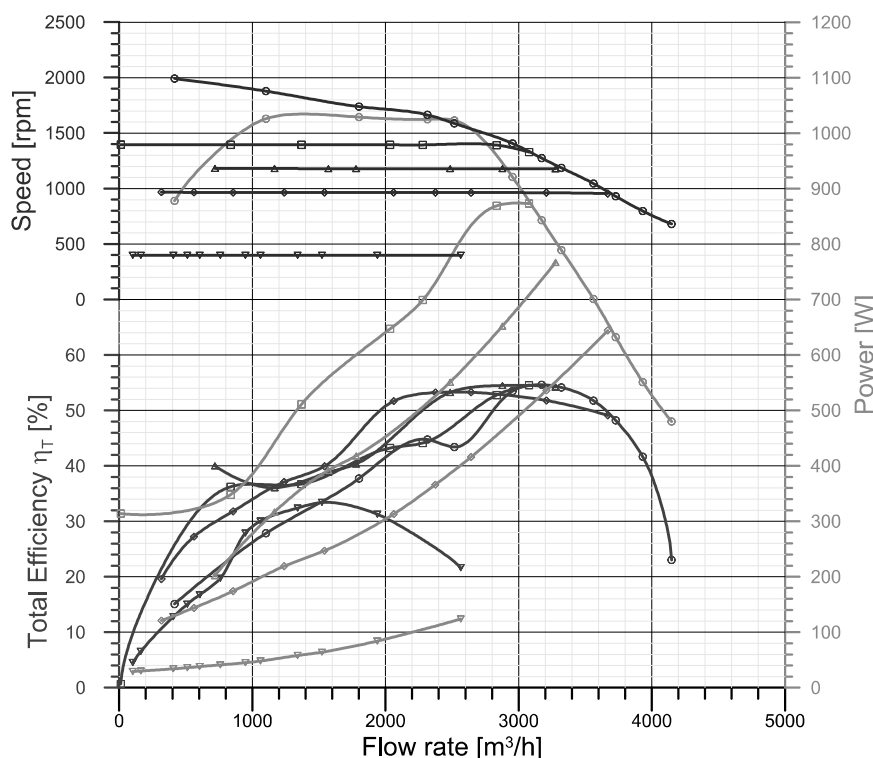
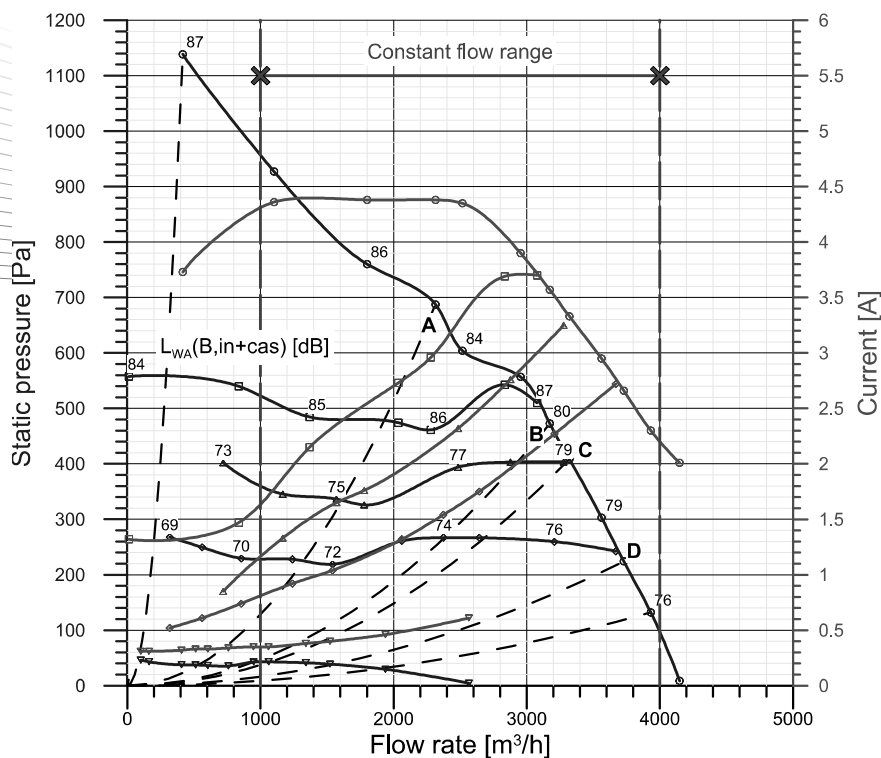
- Disassembly, recycling and disposal at end of life

- Optimal installation, use and maintenance of fans

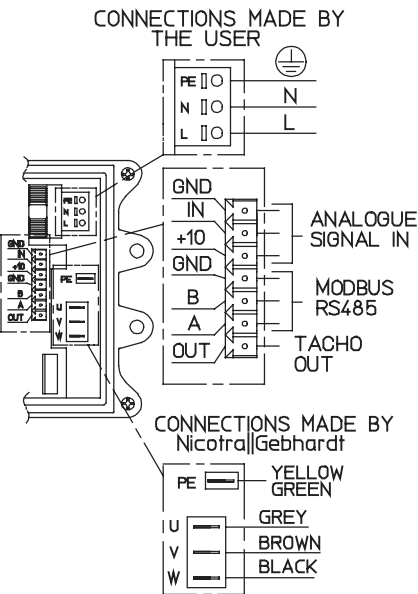
are freely downloadable from

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

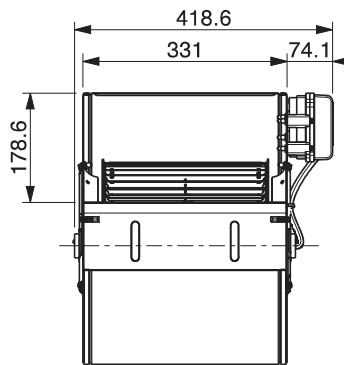
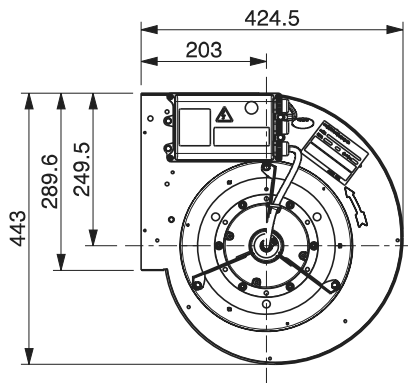


NOISE DATA

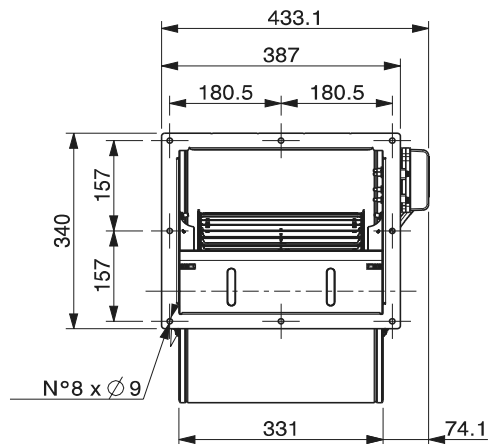
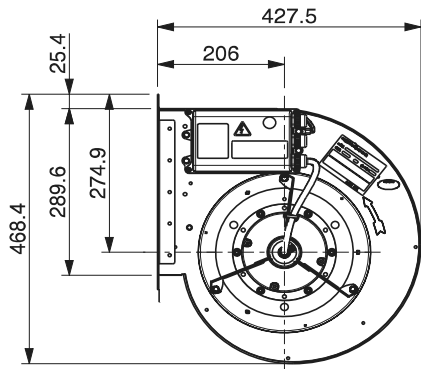
Working point	Sound power level for inlet side (Lw) in dB									
	m ³ /h	63	125	250	500	1k	2k	4k	8kHz	LwA
230 V / 50 Hz	2315	79,0	88,9	91,7	76,0	74,5	73,1	72,7	66,0	85,2
F.M.W.L.	3173	65,2	83,4	85,0	72,0	70,8	68,8	69,2	61,5	79,6
	3321	65,2	79,8	85,3	71,1	69,7	68,8	64,7	58,6	79,0
	3729	71,1	80,1	82,2	68,9	70,5	68,9	65,3	58,4	77,5
230 V / 50 Hz	2035	80,6	81,3	82,0	78,8	78,7	78,5	78,3	80,2	86,0
1400 rpm	3078	81,4	82,1	82,8	79,6	79,5	79,3	79,1	81,0	86,8
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
230 V / 50 Hz	1571	56,8	81,7	81,1	68,2	66,2	64,9	60,1	52,9	75,5
1180 rpm	2878	57,7	81,3	82,9	70,6	68,6	66,9	63,1	56,8	77,3
	3277	64,0	81,3	85,3	71,3	69,6	68,3	64,4	58,5	79,1
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
230 V / 50 Hz	1239	65,9	75,5	76,1	63,9	63,4	60,6	54,4	46,4	70,8
960 rpm	2374	58,6	76,4	80,1	65,3	64,3	62,6	57,7	50,2	73,6
	2643	61,1	77,0	81,0	66,3	65,3	63,7	59,0	51,6	74,6
	3669	68,8	79,7	81,1	69,3	70,3	69,0	65,2	58,4	77,0
230 V / 50 Hz	512	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	948	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	1061	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	1523	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DIMENSIONAL DRAWINGS

6DA0066ZZ0000000 - DDMP 10/10 M6A2 DA5



6DA0066ZZ00000001 - DDMP 10/10 M6A2 DA5+FL



Power: 2202 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: 9.53 A

Type: DDMP 10/10 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 pfs Pe n I η_T
 m3/h Pa W rpm A %

○ Maximum performance curve (10 V)

	qv	pfs	Pe	n	I	η_T
	m3/h	Pa	W	rpm	A	%
A	3200	973	1897	1986	8.17	47.9
B	4397	923	2163	1801	9.30	57.5
C	4702	710	1903	1589	8.14	56.3
D	5173	412	1575	1286	6.78	49.9

□ Performance at 1730 rpm

	qv	pfs	Pe	n	I	η_T
	m3/h	Pa	W	rpm	A	%
A	2789	748	1262	1736	5.45	48.2
B	4224	857	1916	1738	8.27	57.9
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 1370 rpm

	qv	pfs	Pe	n	I	η_T
	m3/h	Pa	W	rpm	A	%
A	2184	447	628	1363	2.73	45.5
B	3418	529	967	1368	4.17	57.6
C	4120	525	1232	1368	5.31	56.7
D	5107	450	1618	1321	6.97	51.0

◇ Performance at 1000 rpm

	qv	pfs	Pe	n	I	η_T
	m3/h	Pa	W	rpm	A	%
A	1579	235	264	1002	1.18	41.0
B	2069	269	319	1002	1.41	52.3
C	2963	281	483	1004	2.10	55.4
D	3956	254	723	1006	3.12	50.5

▽ Performance at 400 rpm

	qv	pfs	Pe	n	I	η_T
	m3/h	Pa	W	rpm	A	%
A	582	36	46	399	0.29	13.3
B	916	41	54	399	0.31	21.5
C	1122	41	61	399	0.34	24.1
D	1494	36	76	399	0.39	25.8

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 ($\eta \times C_c$) [%]: 61.2

Measurement category: B

Efficiency category: Total

Efficiency grade N [%]: 65.4

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]: 2.163

Volume flow rate qv [m³/s]: 1.221

Total Pressure [Pa]: 1020

Speed [rpm]: 1801

Specific ratio: 1.01

Information on:

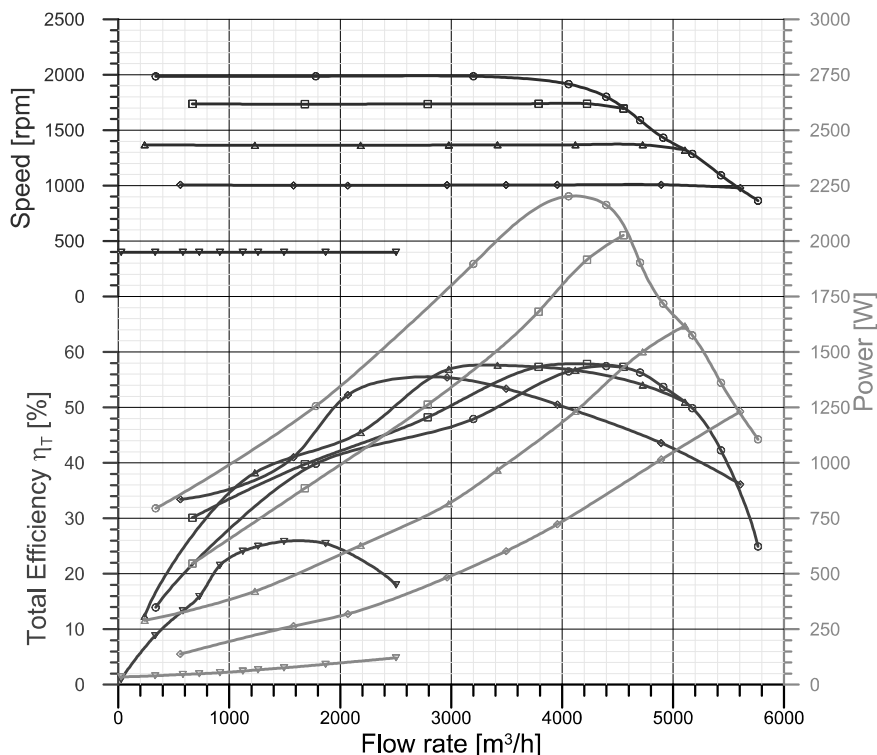
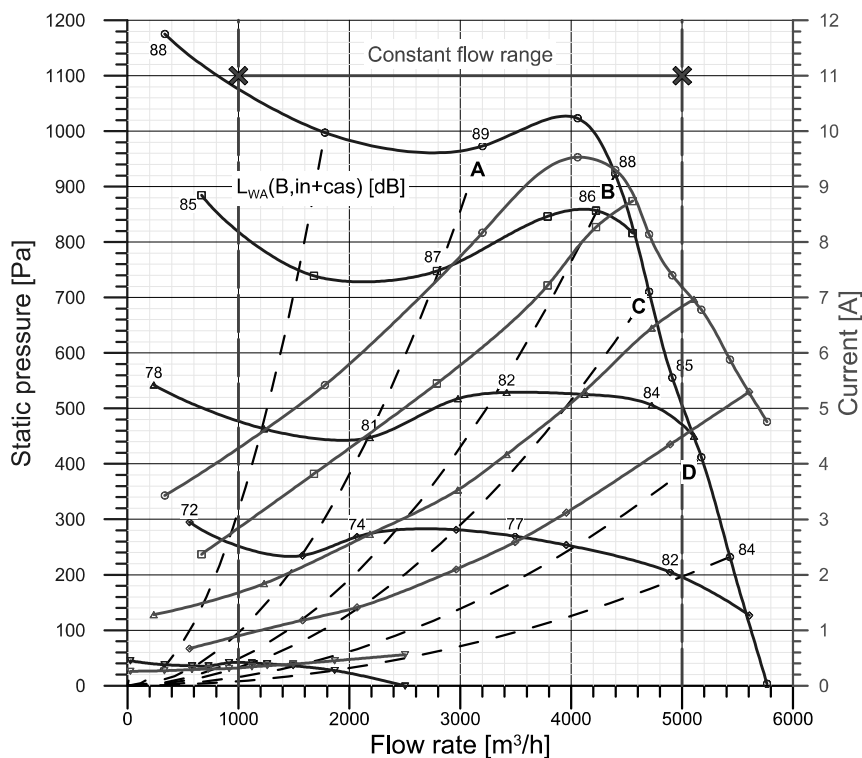
- Disassembly, recycling and disposal at end of life

- Optimal installation, use and maintenance of fans

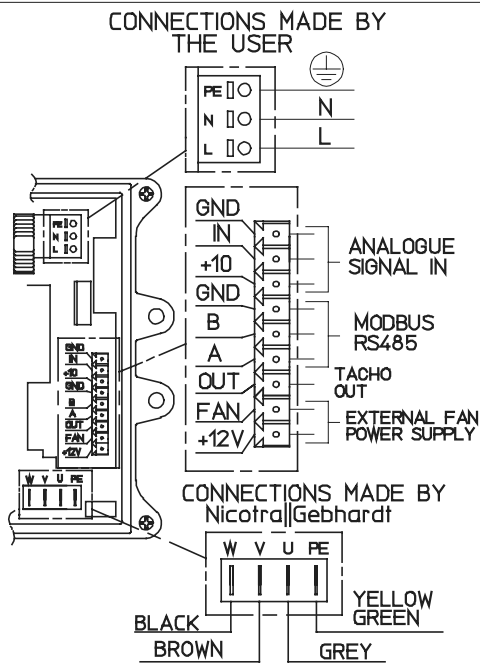
are freely downloadable from

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

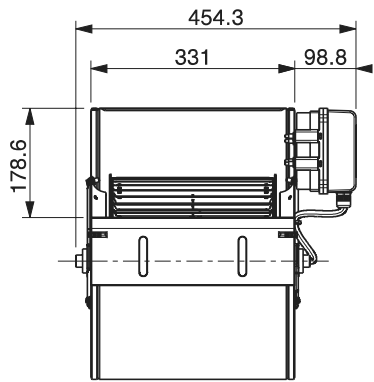
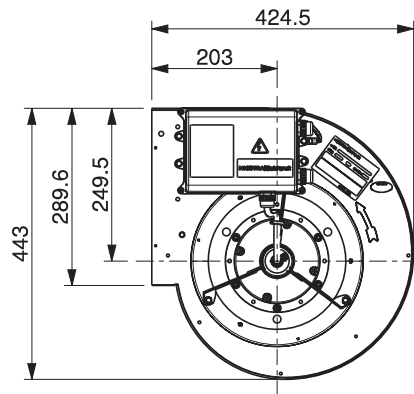


NOISE DATA

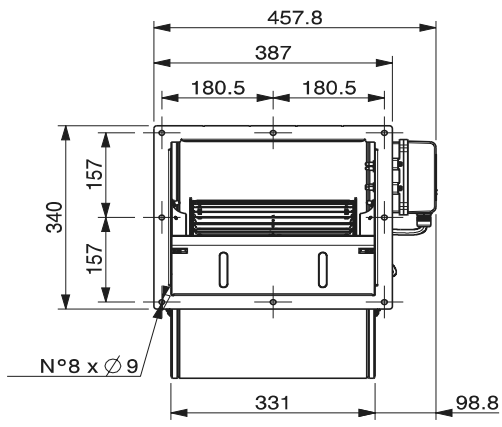
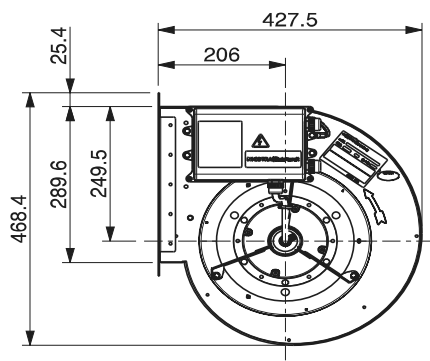
Working point	Sound power level for inlet side (Lw) in dB									
	m³/h	63	125	250	500	1k	2k	4k	8kHz	LwA
230 V / 50 Hz	3200	82,3	93,3	95,2	82,1	79,1	77,8	74,5	69,4	89,1
F.M.W.L.	4397	77,8	84,8	91,7	87,1	78,7	78,8	74,8	70,3	88,4
	4702	72,6	83,0	89,7	79,7	78,6	76,8	74,1	68,9	85,5
	5173	73,6	85,7	85,9	77,0	77,3	76,8	74,1	69,0	83,9
230 V / 50 Hz	2789	77,8	91,5	93,1	79,9	75,5	74,9	73,4	66,8	86,9
1730 rpm	4224	73,7	86,0	91,1	80,5	77,7	76,4	74,3	69,5	86,1
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
230 V / 50 Hz	2184	71,5	85,1	86,1	74,1	70,8	69,2	70,8	61,7	80,7
1370 rpm	3418	68,8	82,3	86,7	76,1	74,1	71,5	72,8	64,3	82,1
	4120	70,0	81,4	85,7	77,1	74,4	73,4	71,3	65,1	82,0
	5107	74,3	86,4	87,9	77,2	77,1	76,5	73,8	68,8	84,3
230 V / 50 Hz	1579	69,3	81,3	76,5	69,0	64,8	62,0	56,3	47,2	72,9
1000 rpm	2069	68,3	82,3	78,7	69,1	64,9	63,2	58,3	49,3	74,2
	2963	66,4	81,4	81,3	70,3	67,3	66,5	62,3	54,3	76,2
	3956	70,2	80,0	84,2	72,9	72,9	71,2	67,6	61,1	79,7
230 V / 50 Hz	582	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	916	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	1122	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	1494	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DIMENSIONAL DRAWINGS

6DB0066ZZ0000000 - DDMP 10/10 M6A4 DA8 DRI-



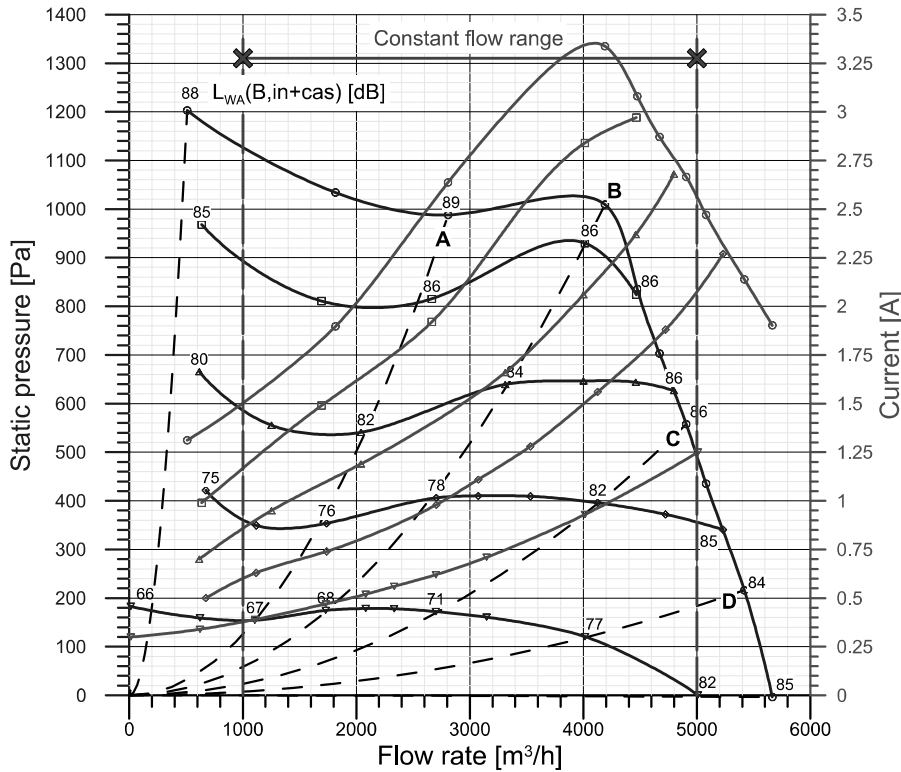
6DB0066ZZ0000001 - DDMP 10/10 M6A4 DA8+FL



Power: 2150 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: 3.34 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



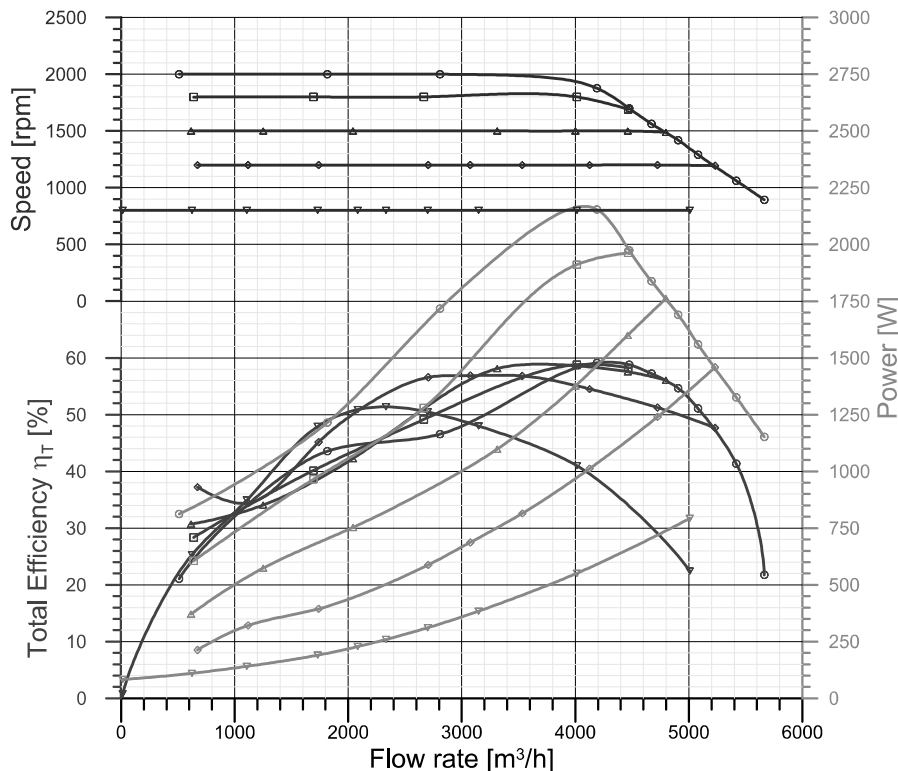
	qv m³/h	pfs Pa	Pe W	n rpm	I A	η_T %
○ Maximum performance curve (10 V)						
A	2808	988	1717	2000	2.64	46.6
B	4190	1009	2154	1877	3.34	59.1
C	4906	558	1690	1418	2.67	54.7
D	5418	216	1326	1061	2.14	41.4

□ Performance at 1800 rpm						
A	2665	816	1279	1800	1.92	49.2
B	4013	930	1911	1800	2.84	58.8
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 1500 rpm						
A	2041	541	753	1500	1.19	42.3
B	3312	639	1098	1500	1.66	58.1
C	4798	627	1762	1489	2.68	56.1
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

◇ Performance at 1200 rpm						
A	1739	354	394	1200	0.74	45.2
B	2705	406	588	1200	0.98	56.6
C	4126	396	1012	1200	1.56	54.5
D	5231	341	1459	1194	2.27	47.7

▽ Performance at 800 rpm						
A	1107	155	141	800	0.39	34.9
B	1731	175	190	800	0.47	47.9
C	2700	172	311	800	0.62	50.5
D	4014	121	551	800	0.93	41.0



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 ($\eta \times C_c$) [%]: 63.0
 Measurement category: B
 Efficiency category: Total
 Efficiency grade N [%]: 67.2
 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]: 2.154
 Volume flow rate q_v [m³/s]: 1.164
 Total Pressure [Pa]: 1097
 Speed [rpm]: 1877
 Specific ratio: 1.011

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

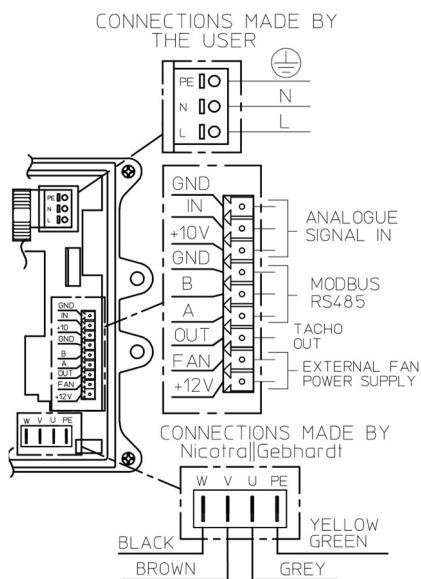
Testing is carried out with the optional components of the test airway required, according to ISO 5801:2007, for the installation type detailed here on top.

Test nr.: S5665 Date: 29/01/2019
 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

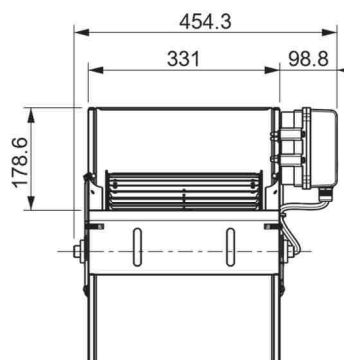
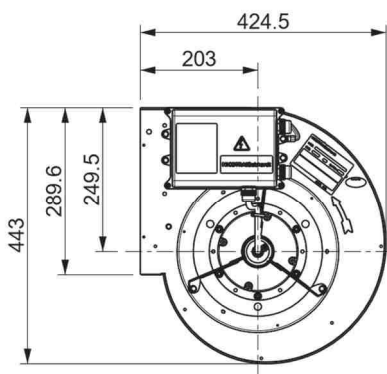


NOISE DATA
DATI DI RUMORE

Working point		m³/h	Sound power level for inlet side (Lw) in dB								LwA
			63	125	250	500	1k	2k	4k	8kHz	
230 V / 50 Hz	A	2808	82	94	94	85	79	79	74	68	89
Fan Maximum	B	4190	74	86	93	86	79	78	73	69	88
Working	C	4906	74	81	91	79	79	76	73	68	86
Limit	D	5418	80	87	85	78	78	77	74	69	84
230 V / 50 Hz	A	2665	79	92	92	80	77	76	71	65	86
1800 rpm	B	4013	71	85	91	80	78	77	72	68	86
	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	2041	75	87	88	75	73	71	67	59	82
1500 rpm	B	3312	69	84	91	76	75	72	68	62	84
	C	4798	73	81	92	79	78	76	72	68	86
	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	1739	72	82	82	69	68	66	60	52	76
1200 rpm	B	2705	66	85	83	70	69	67	63	55	78
	C	4126	70	90	87	73	74	73	68	63	82
	D	5231	76	92	89	76	78	76	73	69	85
230 V / 50 Hz	A	1107	65	72	71	63	60	57	48	38	67
800 rpm	B	1731	65	72	71	64	61	58	51	41	68
	C	2700	65	73	74	67	64	64	57	49	71
	D	4014	75	78	77	71	71	71	67	60	77

DIMENSIONAL DRAWINGS
DISEGNI DIMENSIONALI

6DD0066ZZ0000000 – DDMP 10/10 2.2kW 400V-3F M6A4-DG0



6DD0066ZZ0000001 – DDMP 10/10 2.2kW 400V-3F M6A4-DG0 +FL

