

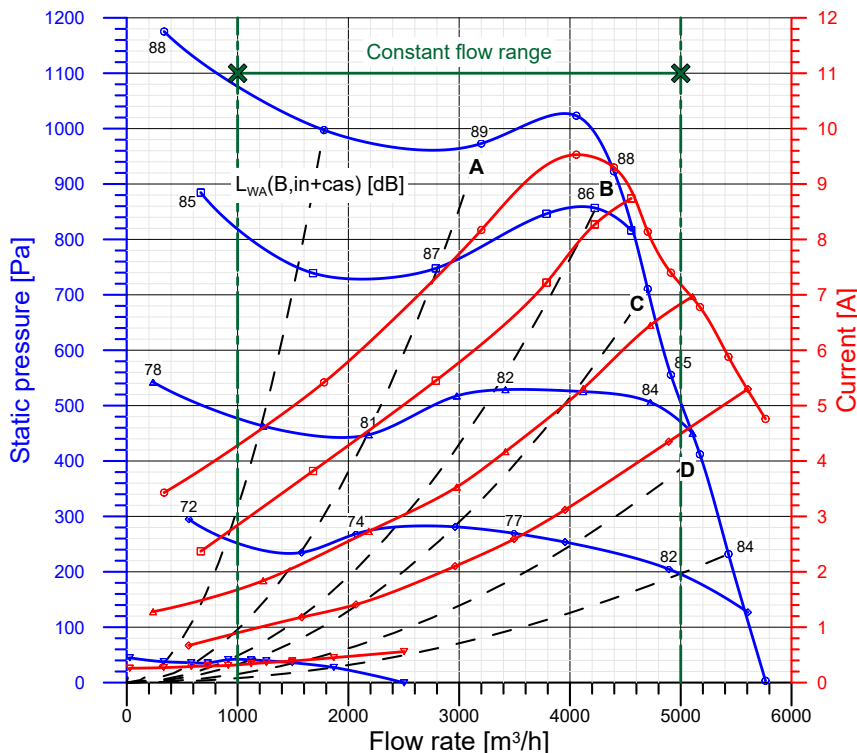
Type: DDMP 10/10 2kW 1Ph Motor: 1416A4+1431A8

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

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	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						
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						
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						
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						
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

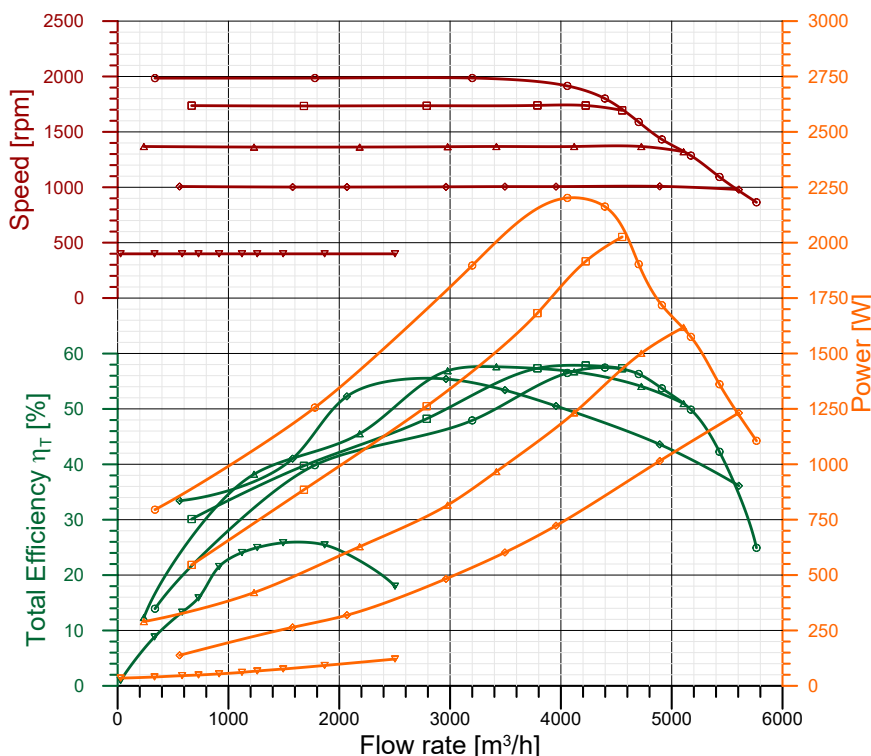
ErP Data acc. to Reg. 327/11/CE

Performance referred to the best efficiency duty point

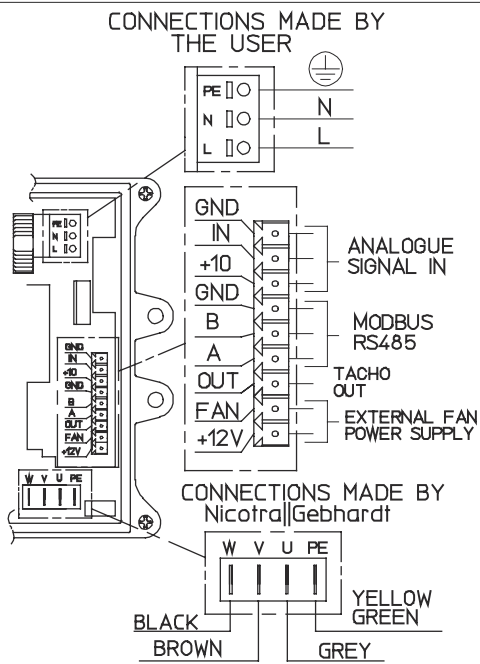
Compl. with Reg. 327/11/EC: Tier II (2015)
Overall Efficiency ($\eta \times C_c$) [%]: 61.2
Measurement category: B
Efficiency category: Total
Efficiency grade N [%]: 65.4
A variable speed drive is integrated with this fan
Manufactured since: 2016
By: Regal Beloit Italy S.p.A.
Via Modena 18
24040 Ciserano - Italy
Power input [kW]: 2.163
Volume flow rate q_v [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

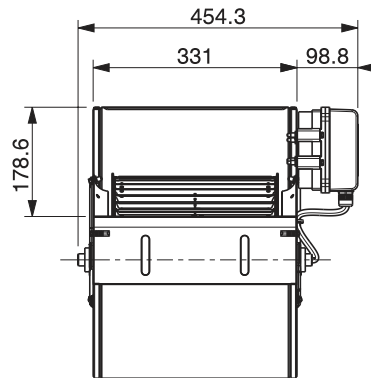
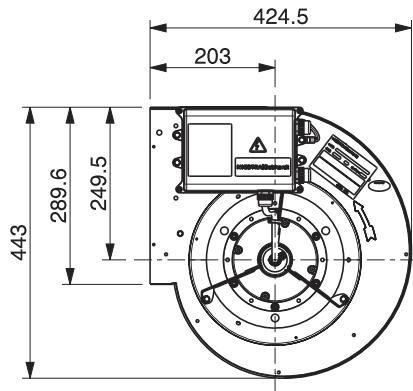


NOISE DATA

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-



6DB0066ZZ00000001 - DDMP 10/10 M6A4 DA8+FL

