

Type: DDMP 10/8 1kW 1Ph Motor: 1416A2+1431A5

Power: 1036 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: 4.51 A

Performance data referring to:

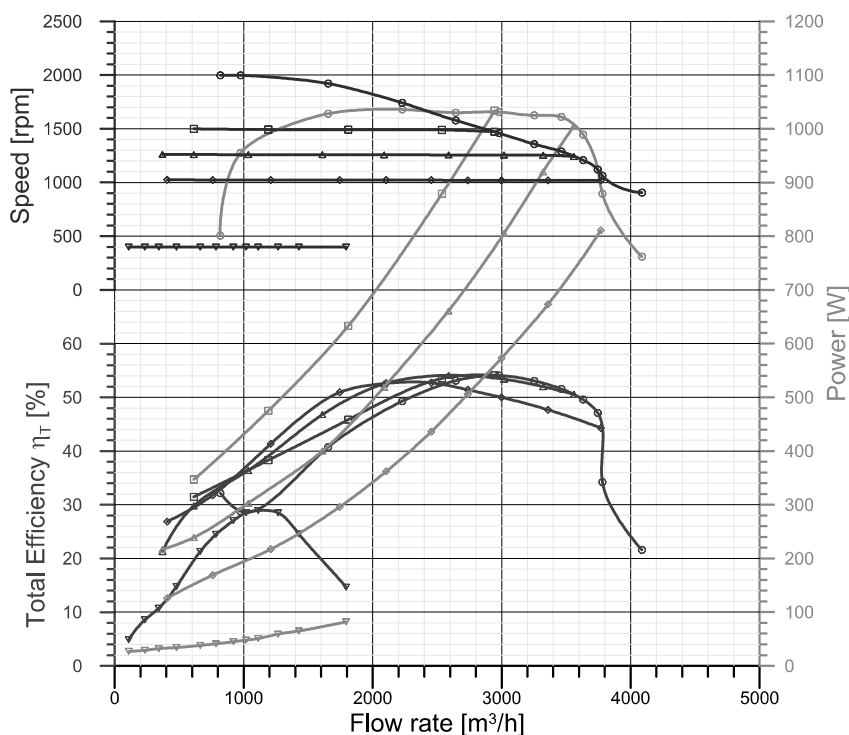
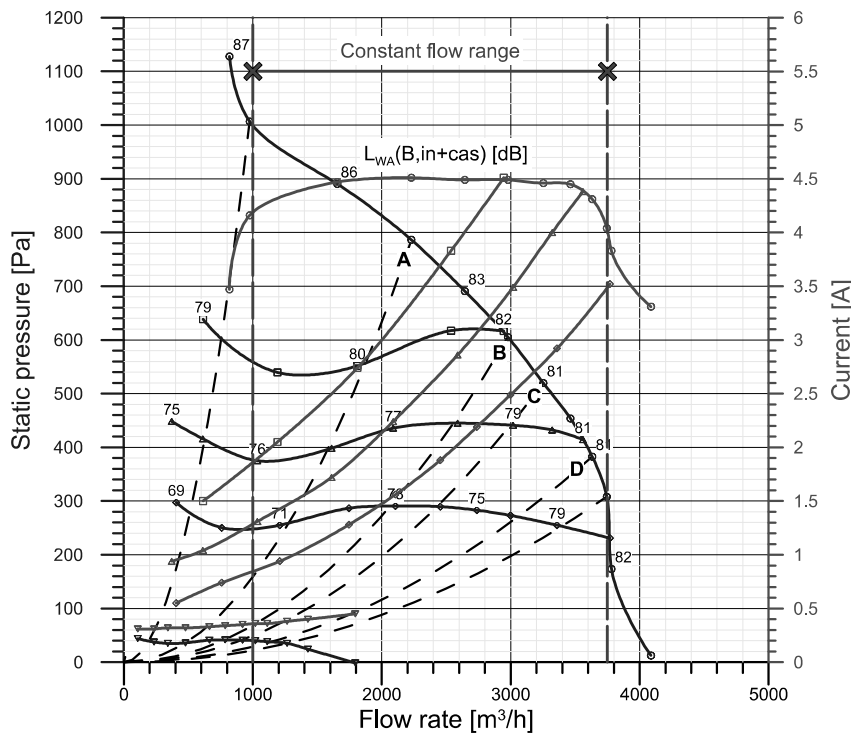
Standard air density $\rho = 1.20 \text{ kg/m}^3$

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)					
A	2229	786	1036	1741	4.51	49.3
B	2979	605	1031	1459	4.49	54.1
C	3253	520	1025	1357	4.46	53.1
D	3632	383	989	1208	4.31	49.6

□ Performance at 1500 rpm						
A	1811	552	633	1491	2.74	45.9
B	2945	616	1034	1473	4.51	54.1
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 1250 rpm						
A	1610	398	400	1258	1.72	46.8
B	2588	445	661	1256	2.86	54.1
C	3018	441	805	1255	3.49	53.4
D	3560	414	1005	1242	4.38	50.6

◇ Performance at 1020 rpm						
A	1209	255	217	1022	0.94	41.3
B	2105	291	362	1022	1.56	52.6
C	2454	290	436	1021	1.88	52.7
D	2999	273	573	1019	2.49	50.0

▼ Performance at 400 rpm						
A	478	36	34	398	0.32	14.8
B	785	42	41	398	0.34	24.5
C	920	41	45	398	0.35	27.1
D	1112	38	51	398	0.36	28.9

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 ($\eta \times C_c$) [%]: 58.8

Measurement category: B

Efficiency category: Total

Efficiency grade N [%]: 65.0

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]: 1.031

Volume flow rate q_v [m³/s]: 0.828

Total Pressure [Pa]: 675

Speed [rpm]: 1459

Specific ratio: 1.007

Information on:

- Disassembly, recycling and disposal at end of life

- Optimal installation, use and maintenance of fans

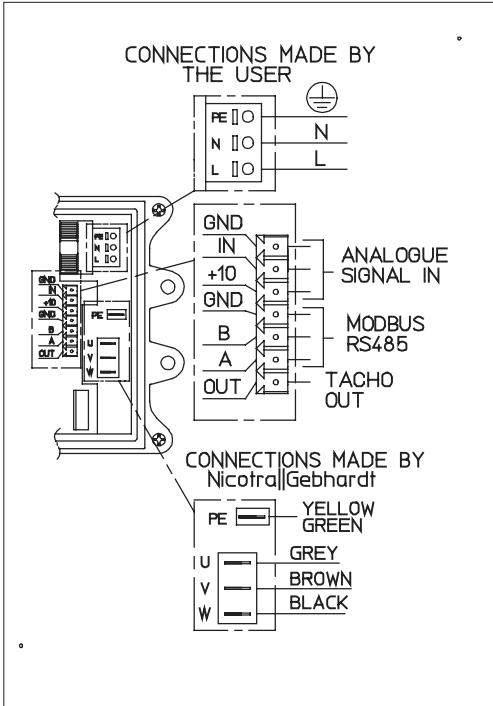
are freely downloadable from

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.

Test nr.: S4917-000/2/3/4/6

WIRING DIAGRAM

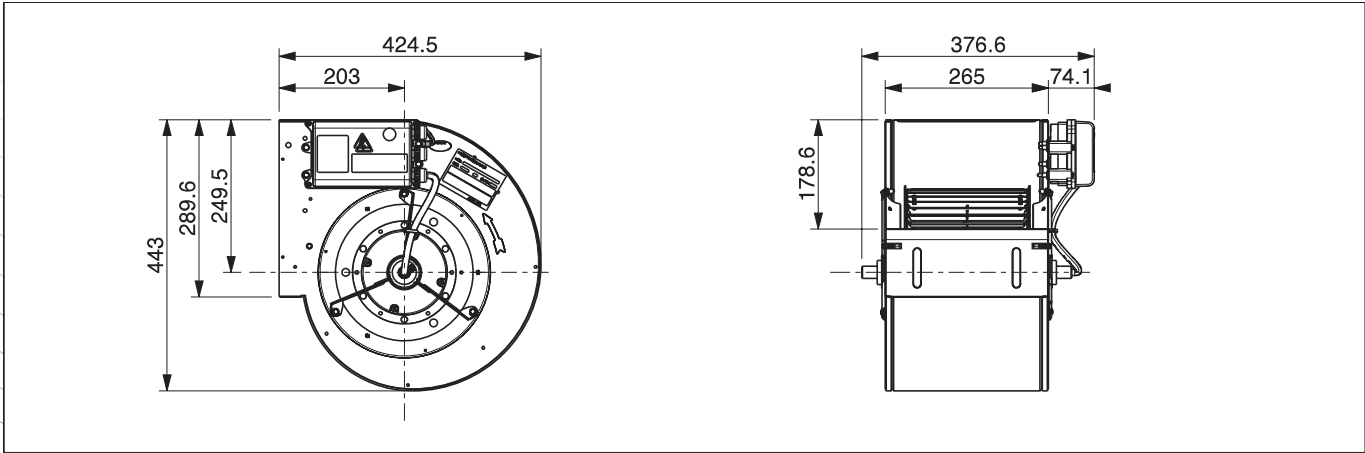


NOISE DATA

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	2229	80,5	89,6	89,2	75,9	75,8	73,9	71,0	66,0	84,0
F.M.W.L.	2979	69,6	80,8	84,7	74,5	76,9	72,4	70,3	65,2	81,7
	3253	69,0	80,9	83,1	73,8	75,6	72,8	70,2	65,4	80,8
	3632	71,0	80,1	81,9	72,8	76,6	74,3	71,4	66,0	81,3
230 V / 50 Hz	1811	75,0	85,8	84,7	72,7	72,3	70,3	68,1	63,7	80,1
1500 rpm	2945	70,4	81,3	84,3	74,1	77,2	72,2	69,8	65,3	81,5
	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	1610	72,4	81,5	80,9	70,4	68,5	66,5	62,8	55,7	76,3
1250 rpm	2588	65,9	79,5	80,0	72,7	71,8	68,9	65,9	60,2	77,5
	3018	67,4	79,0	80,0	73,3	73,6	71,2	68,8	63,4	78,9
	3560	68,7	78,8	80,8	73,7	75,7	74,0	70,8	65,6	80,7
230 V / 50 Hz	1209	68,8	75,4	74,5	65,6	63,3	62,0	56,7	49,0	70,6
1020 rpm	2105	45,7	74,8	76,1	67,9	66,5	64,5	60,1	52,7	72,8
	2454	63,5	73,4	75,7	68,7	68,4	66,7	62,1	55,2	73,9
	2999	68,5	76,4	77,0	70,3	72,3	70,4	65,8	59,8	77,0
230 V / 50 Hz	478	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	785	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	920	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	1112	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DIMENSIONAL DRAWINGS

6DA0046ZZ0000000 - DDMP 10/8 M6A2



6DA0046ZZ00000001 - DDMP 10/8 M6A2 DA5+FL

