

Power: 1074 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: 4.62 A

Type: DDMP 7/7 1kW 1Ph
Motor: 1416A0+1431A5

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	1431	565	507	1998	2.17	47.4
B	2007	543	716	1998	3.06	48.4
C	2781	428	1073	1997	4.62	41.9
D	2897	358	1074	1929	4.62	39.3
□ Performance at 1800 rpm						
A	1219	428	361	1806	1.54	42.9
B	1820	442	533	1806	2.27	48.2
C	2505	351	776	1806	3.33	42.6
D	2703	315	863	1805	3.71	40.0
△ Performance at 1400 rpm						
A	994	264	184	1385	0.79	42.7
B	1406	257	252	1385	1.08	45.8
C	1889	209	348	1384	1.48	42.2
D	2058	184	386	1384	1.65	39.8
◇ Performance at 1000 rpm						
A	648	114	71	958	0.33	31.0
B	970	120	96	957	0.43	39.0
C	1339	94	130	957	0.56	37.4
D	1405	88	136	957	0.59	36.4
▽ Performance at 400 rpm						
A	269	18	22	398	0.30	6.8
B	381	20	24	398	0.30	10.3
C	534	16	27	398	0.31	12.2
D	576	15	28	398	0.31	12.0

Performance data at various speeds

	qv m³/h	pfs Pa	Pe W	n rpm	I A	η_T %
○ Maximum performance curve (10 V)						
A	1431	565	507	1998	2.17	47.4
B	2007	543	716	1998	3.06	48.4
C	2781	428	1073	1997	4.62	41.9
D	2897	358	1074	1929	4.62	39.3
□ Performance at 1800 rpm						
A	1219	428	361	1806	1.54	42.9
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C	534	16	27	398	0.31	12.2
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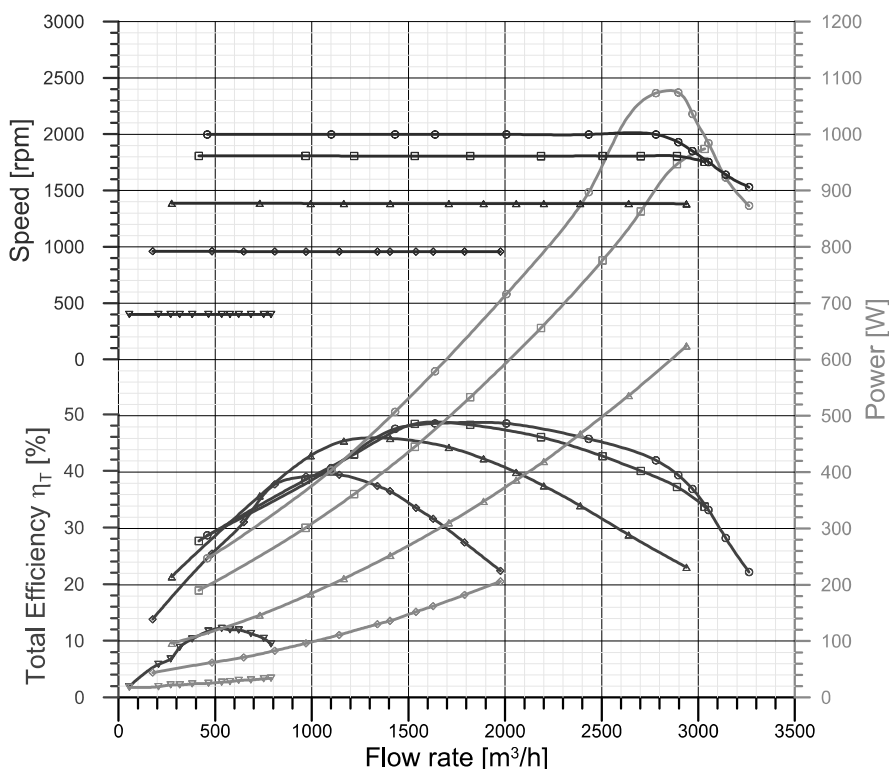
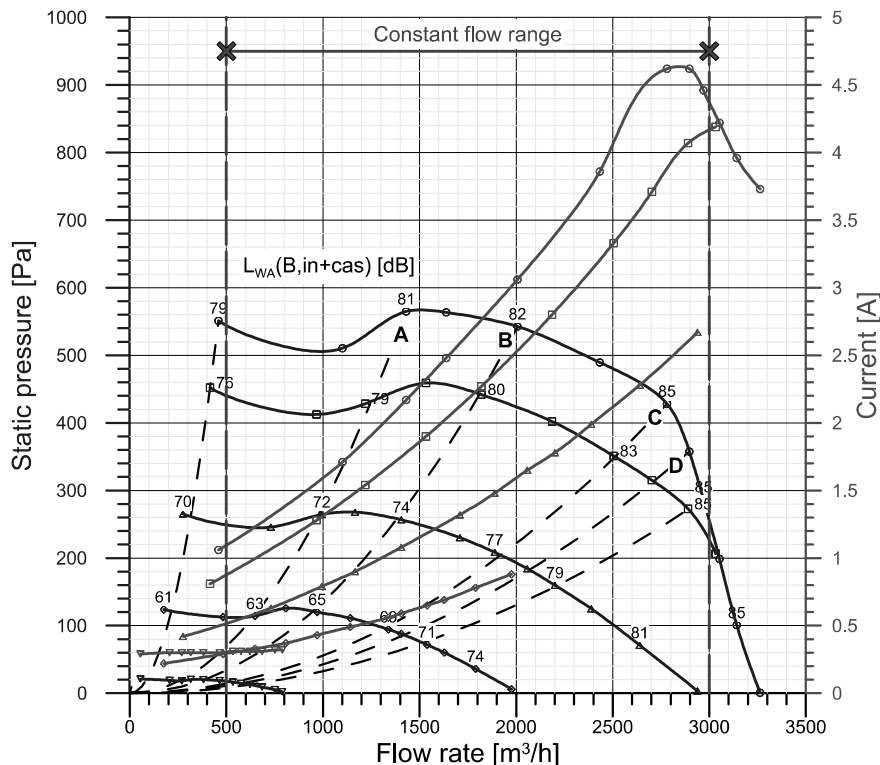
ErP Data acc. to Reg. 327/11/CE

Performance referred to the best efficiency duty point

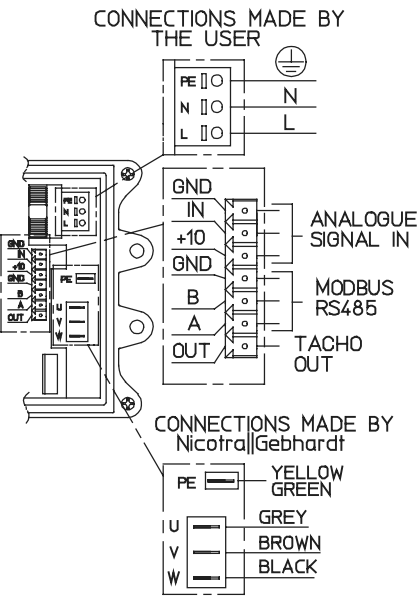
Compl. with Reg. 327/11/EC: Tier II (2015)
Overall Efficiency ($\eta \times C_c$) [%]: 53.1
Measurement category: B
Efficiency category: Total
Efficiency grade N [%]: 60.3
A variable speed drive is integrated with this fan
Manufactured since: 2016
By:
Regal Beloit Italy S.p.A.
Via Modena 18
24040 Ciserano - Italy
Power input [kW]: 0.716
Volume flow rate qv [m³/s]: 0.558
Total Pressure [Pa]: 623
Speed [rpm]: 1998
Specific ratio: 1.006

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

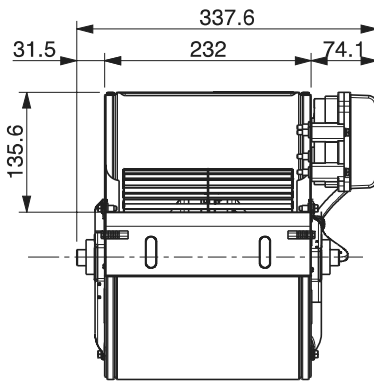
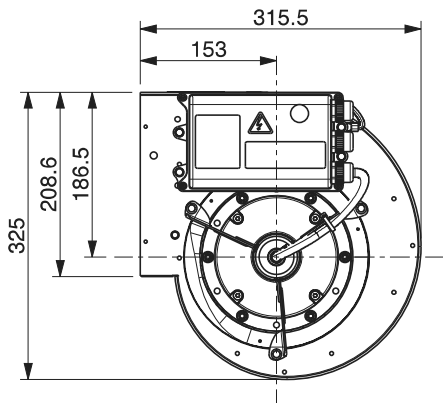


NOISE DATA

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	1431	71,5	74,4	84,8	76,1	73,7	71,8	67,3	64,4	80,6
F.M.W.L.	2007	64,5	75,9	84,8	78,2	75,6	74,1	69,8	67,4	82,1
	2781	69,7	76,6	84,5	80,2	78,7	78,5	74,3	71,7	84,8
	2897	69,4	77,9	84,5	80,3	78,9	78,7	74,8	72,2	85,0
230 V / 50 Hz	1219	55,8	73,3	82,9	73,7	72,2	69,0	64,6	61,2	78,5
1800 rpm	1820	65,2	74,8	83,8	76,0	74,3	71,5	67,1	64,5	80,3
	2505	67,0	72,6	83,1	78,0	77,5	76,1	71,7	69,0	82,9
	2703	68,0	72,6	83,1	79,1	78,3	77,0	72,9	70,4	83,7
230 V / 50 Hz	994	55,0	58,4	66,9	58,4	56,6	54,7	50,1	43,2	72,5
1400 rpm	1406	58,7	59,5	67,7	60,7	58,6	56,9	52,6	46,5	74,1
	1889	60,6	61,5	69,8	63,9	61,4	60,4	56,0	50,8	77,0
	2058	58,5	61,1	69,9	64,2	62,6	61,9	57,7	52,6	77,9
230 V / 50 Hz	648	55,8	57,4	65,7	60,3	58,5	53,8	46,3	38,0	63,3
1000 rpm	970	60,3	57,7	68,1	62,1	59,9	56,5	50,0	43,3	65,3
	1339	58,9	60,2	70,6	65,7	62,8	60,9	55,1	50,4	68,7
	1405	60,0	59,3	70,8	66,4	63,5	61,7	55,9	51,5	69,4
230 V / 50 Hz	269	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	381	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	534	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	576	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DIMENSIONAL DRAWINGS

6DA0033ZZ0000000 - DDMP 7/7 M6A0 DA5



6DA0033ZZ00000001 - DDMP 7/7 M6A0 DA5+FL

