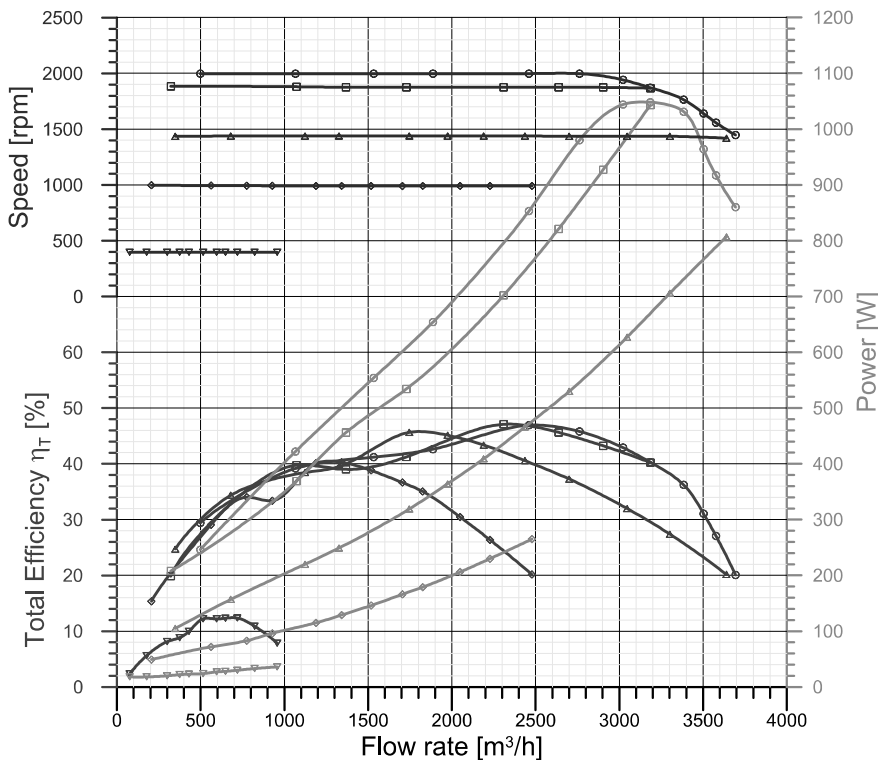
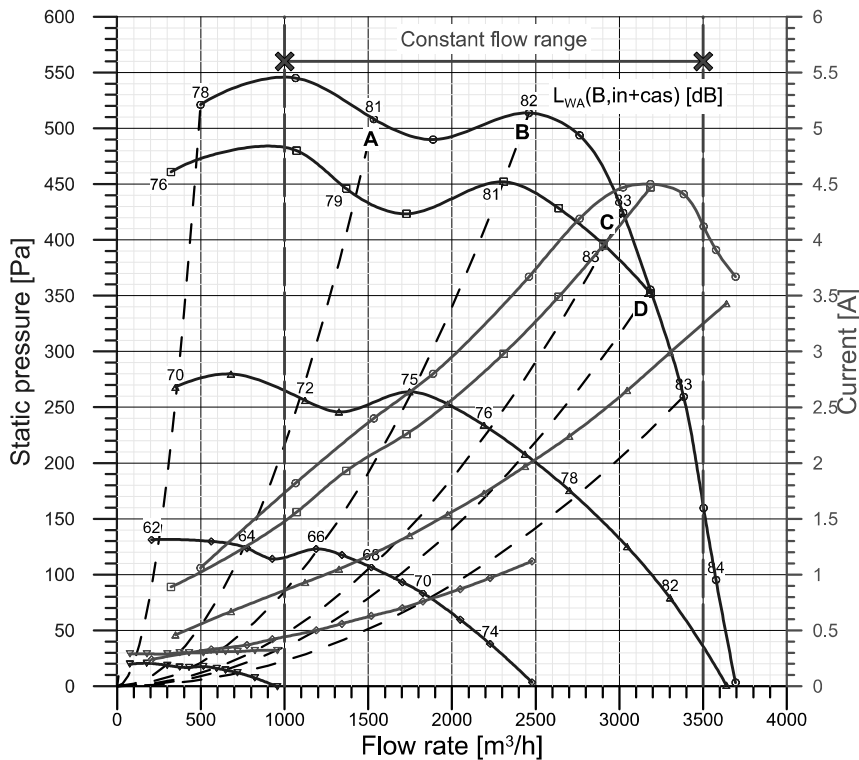


Power: 1048 W (input, max) Protection Cl.: IP 54 (Motor)
Poles: 8 Insulation Cl.: F
Voltage: 220-240 V Thermal prot.: YES-Integral
Supply: 1~ Temp. Min: -20 °C
Frequency: 50-60 Hz Temp. Max: +40 °C
Capacitor: n.a. Current Max: 4.5 A

Type: DDMP 7/9 1kW 1Ph
Motor: 1416A1+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	1533	508	554	1998	2.40	41.2
B	2460	514	853	1998	3.67	46.9
C	3022	424	1044	1943	4.47	42.9
D	3185	355	1048	1872	4.50	40.3
□ Performance at 1800 rpm						
A	1368	446	456	1876	1.93	39.0
B	2309	452	702	1876	2.98	47.1
C	2903	396	927	1875	3.95	43.2
D	3186	352	1043	1868	4.47	40.2
△ Performance at 1400 rpm						
A	1123	256	220	1439	0.93	38.5
B	1746	264	319	1440	1.35	45.7
C	2190	234	409	1439	1.73	43.4
D	2436	208	466	1439	1.97	40.6
◇ Performance at 1000 rpm						
A	775	124	83	994	0.37	34.0
B	1189	123	115	992	0.50	40.1
C	1518	107	146	992	0.63	38.8
D	1704	93	166	991	0.70	36.7
▽ Performance at 400 rpm						
A	300	19	20	398	0.29	8.1
B	430	17	23	398	0.30	10.0
C	595	16	27	398	0.31	12.2
D	647	14	28	398	0.31	12.3

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 ($\eta \times C_c$) [%]: 51.3
Measurement category: B
Efficiency category: Total
Efficiency grade N [%]: 58.1
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]: 0.853
Volume flow rate q_v [m³/s]: 0.683
Total Pressure [Pa]: 587
Speed [rpm]: 1998
Specific ratio: 1.006

Information on:

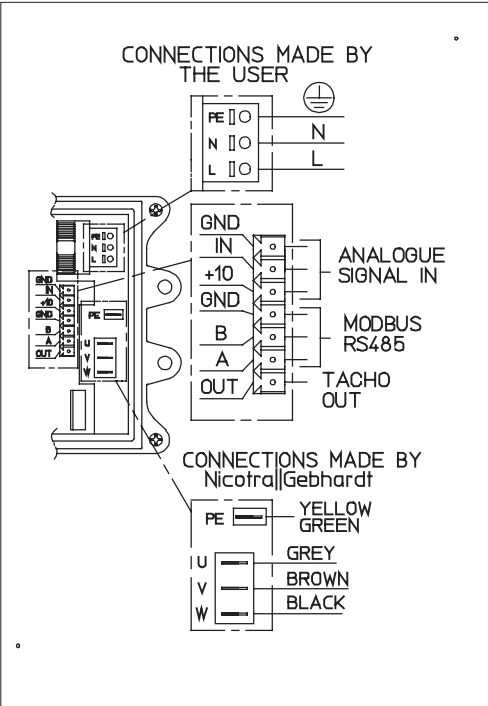
- Disassembly, recycling and disposal at end of life
- Optimal installation, use and maintenance of fans

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

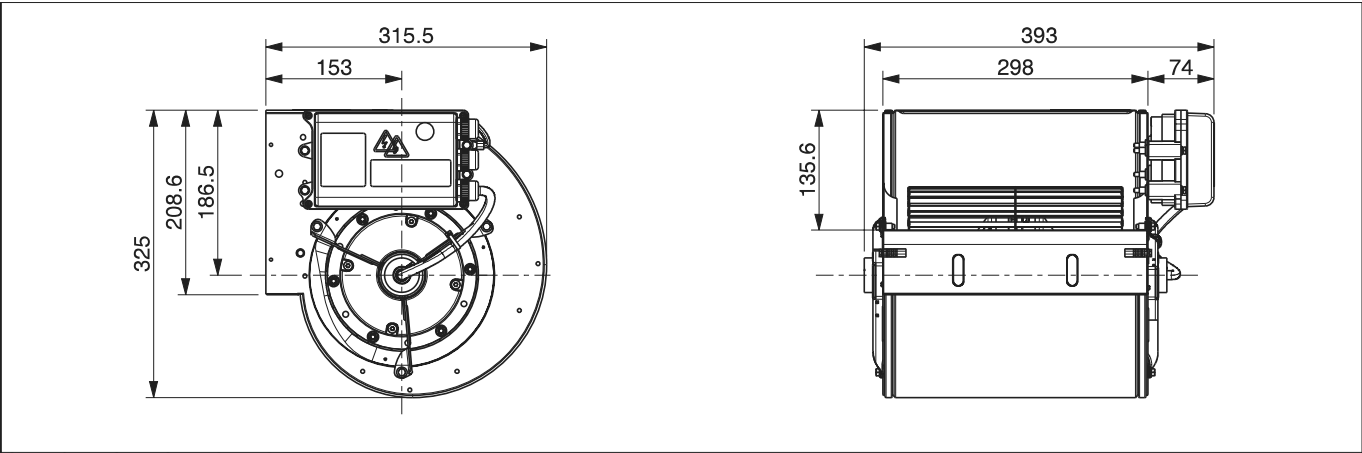


NOISE DATA

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	1533	58,0	82,8	84,3	77,9	72,0	71,0	66,7	62,5	80,6
F.M.W.L.	2460	69,8	81,0	85,2	79,8	74,3	73,5	69,0	65,5	82,2
	3022	68,1	78,1	84,5	80,6	76,5	76,0	71,4	68,2	83,4
	3185	65,4	79,2	86,4	80,3	77,1	76,1	72,1	68,7	83,9
230 V / 50 Hz	1368	57,5	81,8	83,4	76,2	70,9	69,4	65,2	60,7	79,3
1800 rpm	2309	66,4	80,0	85,1	77,7	72,7	72,4	67,6	63,9	81,0
	2903	64,6	78,3	85,2	79,7	75,5	75,1	70,6	67,2	82,8
	3186	66,3	78,0	86,9	79,9	77,5	76,3	71,9	68,6	84,0
230 V / 50 Hz	1123	58,5	75,6	75,9	69,7	64,5	63,2	58,0	52,1	72,4
1400 rpm	1746	61,1	76,3	78,5	72,1	67,6	65,8	60,9	55,6	75,0
	2190	61,4	74,8	78,5	73,4	69,8	68,3	63,7	59,2	76,4
	2436	61,1	74,7	78,3	74,6	71,3	69,7	65,3	61,0	77,4
230 V / 50 Hz	775	62,7	64,7	65,9	61,6	60,1	53,7	46,6	36,8	64,4
1000 rpm	1189	64,6	67,1	68,0	62,7	60,6	56,9	49,3	41,7	65,9
	1518	56,1	68,6	69,9	65,8	61,9	59,9	53,2	46,7	68,2
	1704	51,0	68,2	69,6	66,5	63,0	61,5	55,6	49,8	69,0
230 V / 50 Hz	300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	430	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	595	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	647	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DIMENSIONAL DRAWINGS

6DA0053ZZ0000000 - DDMP 7/9 M6A1 DA5



6DA0053ZZ00000001 - DDMP 7/9 M6A1 DA5+FL

