

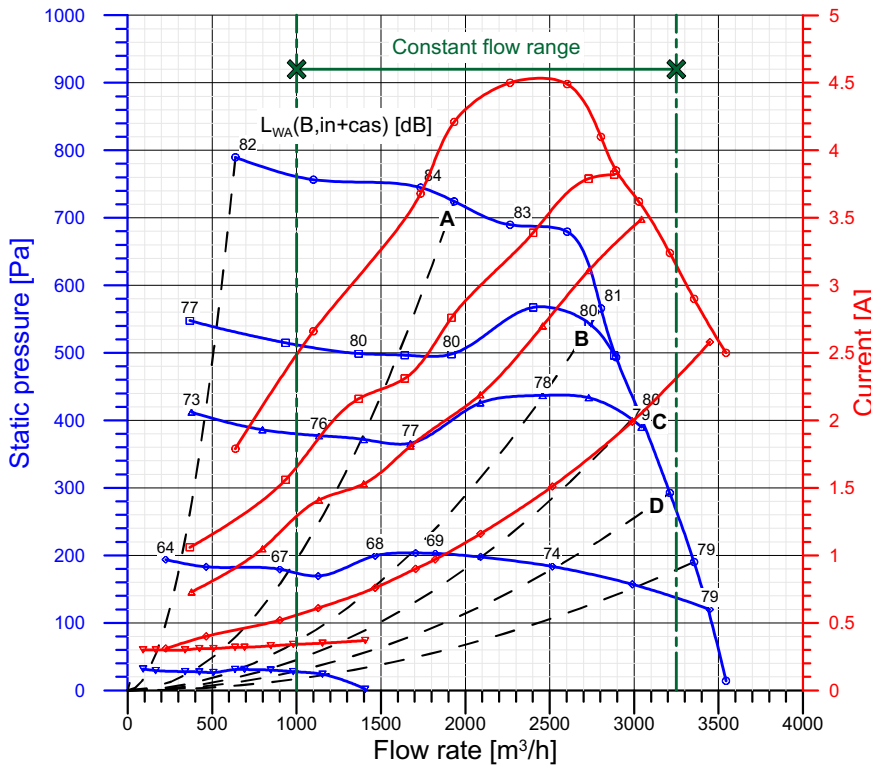
Type: DDMP 9/9 1kW 1Ph  
Motor: 1416A1+1431A5

Power: 1040 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

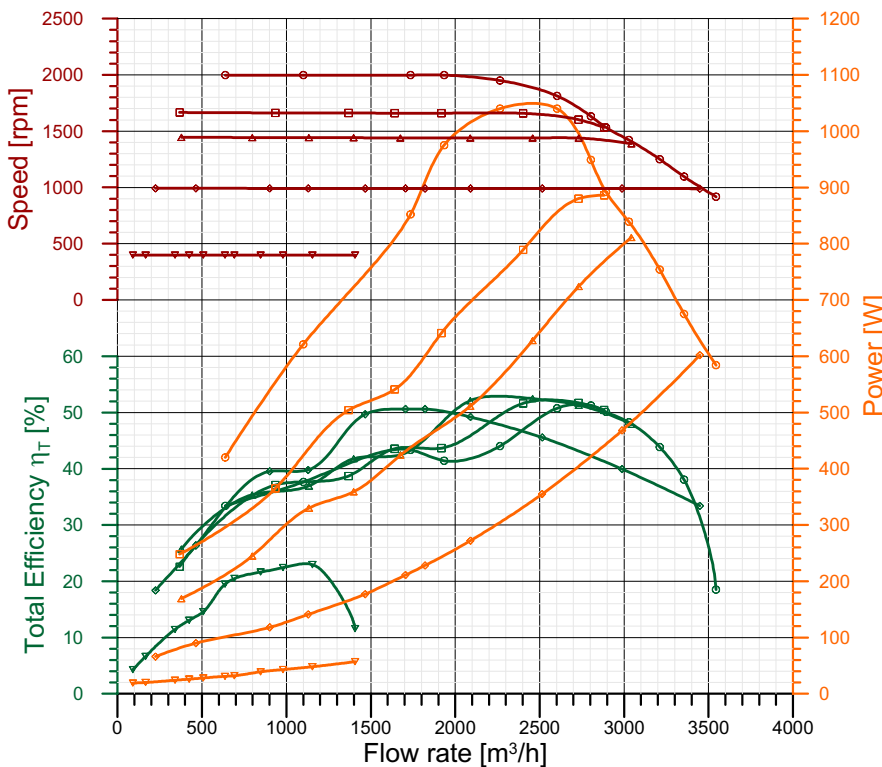
Performance data referring to:  
Standard air density  $\rho = 1.20 \text{ kg / m}^3$   
Installation type "B": free inlet, ducted outlet

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	pfs	Pe	n	I	$\eta_T$	
m3/h	Pa	W	rpm	A	%	
<b>○ Maximum performance curve (10 V)</b>						
A	1934	724	975	1998	4.21	41.4
B	2803	566	949	1632	4.10	51.3
C	3028	412	839	1421	3.62	48.3
D	3211	292	754	1250	3.24	43.9
<b>□ Performance at 1600 rpm</b>						
A	1641	496	541	1659	2.31	43.6
B	2730	544	880	1602	3.79	51.7
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.
<b>△ Performance at 1440 rpm</b>						
A	1398	372	359	1441	1.53	41.8
B	2458	437	628	1439	2.70	52.5
C	3043	390	811	1387	3.49	47.9
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>◇ Performance at 990 rpm</b>						
A	901	179	118	991	0.52	39.5
B	1705	204	211	991	0.90	50.6
C	2090	198	272	990	1.16	49.2
D	2515	184	355	990	1.51	45.6
<b>▽ Performance at 400 rpm</b>						
A	424	27	26	398	0.31	13.1
B	692	31	32	398	0.32	20.5
C	847	30	39	398	0.33	21.6
D	980	28	43	398	0.34	22.4



**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 ( $\eta_T \times C_c$ ) [%]: 55.9  
Measurement category: B  
Efficiency category: Total  
Efficiency grade N [%]: 62.4  
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]: 0.949  
Volume flow rate qv [m³/s]: 0.779  
Total Pressure [Pa]: 625  
Speed [rpm]: 1632  
Specific ratio: 1.006

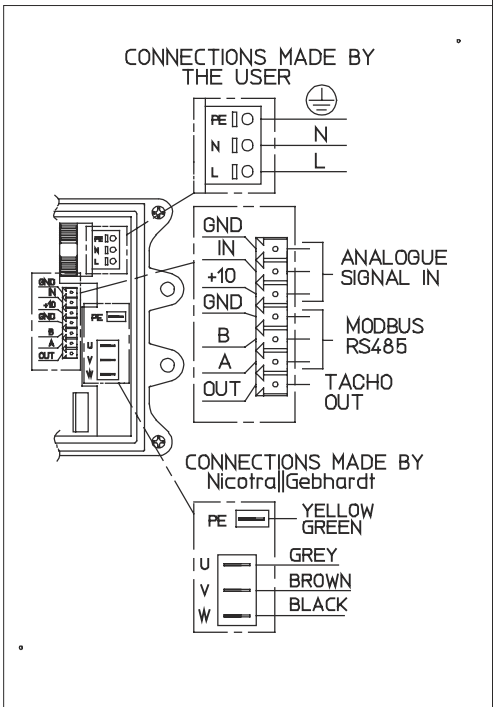
Information on:  
- Disassembly, recycling and disposal at end of life  
- Optimal installation, use and maintenance of fans

are freely downloadable from  
[www.nicotra-gebhardt.com](http://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.: S4904-000/2/3/5/7

**WIRING DIAGRAM**

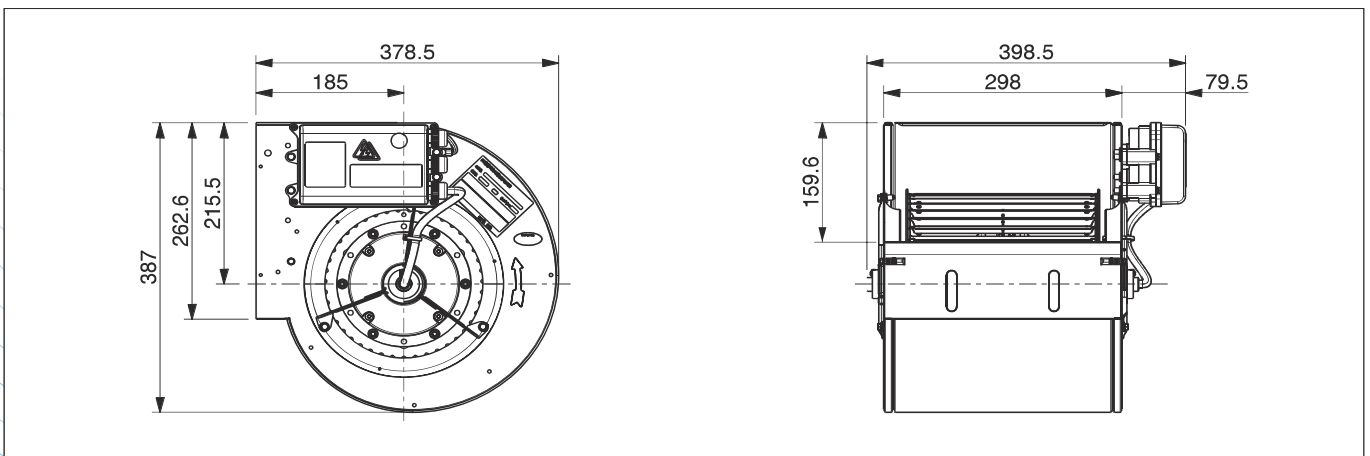


**NOISE DATA**

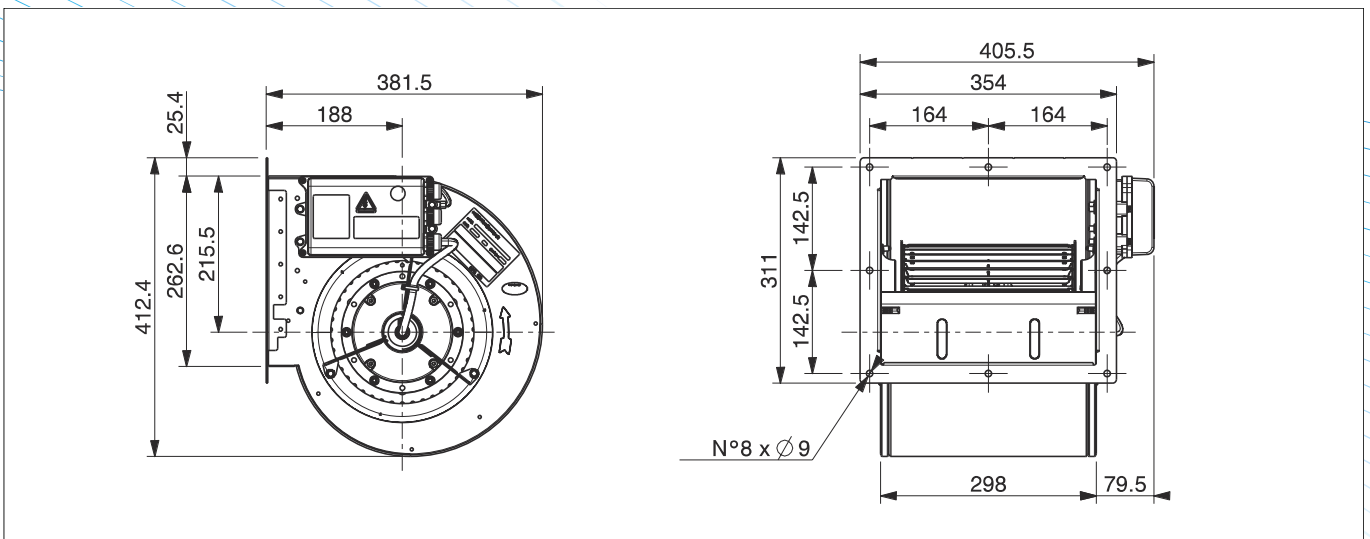
Working point	Sound power level for inlet side (Lw) in dB									
	m <sup>3</sup> /h	63	125	250	500	1k	2k	4k	8kHz	LwA
230 V / 50 Hz	1934	85,0	89,4	89,6	77,3	75,3	74,6	71,8	65,4	84,4
F.M.W.L.	2803	69,8	79,5	84,1	75,0	74,8	72,3	70,7	62,7	80,9
	3028	68,2	78,4	82,8	72,5	73,4	72,7	67,6	61,3	79,6
	3211	67,5	78,6	81,0	72,6	73,8	73,3	67,9	62,1	79,5
230 V / 50 Hz	1641	78,2	85,2	84,8	73,3	70,5	70,1	69,8	60,7	80,0
1600 rpm	2730	67,1	79,7	83,3	73,0	72,7	72,0	70,4	62,4	79,8
	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	1398	83,1	82,5	81,2	69,4	67,3	66,8	60,7	54,0	76,2
1440 rpm	2458	67,5	78,1	81,7	71,7	70,7	70,0	63,9	57,8	77,7
	3043	69,0	78,3	82,2	71,9	73,2	72,8	67,6	61,4	79,4
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
230 V / 50 Hz	901	60,3	72,8	71,4	60,7	58,9	57,8	48,7	40,7	66,8
990 rpm	1705	62,3	70,6	73,3	63,6	62,2	61,9	53,3	45,7	69,2
	2090	64,6	71,8	75,5	65,6	64,2	65,3	57,5	49,4	71,7
	2515	65,6	73,4	77,3	67,6	66,7	68,1	61,6	53,7	74,2
230 V / 50 Hz	424	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	692	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	847	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	980	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

**DIMENSIONAL DRAWINGS**

**6DA0055ZZ0000000 - DDMP 9/9 M6A1 DA5**



**6DA0055ZZ0000001 - DDMP 9/9 M6A1 DA5+FL**



Type: DDMP 9/9 2kW 1Ph  
Motor: 1416A4+1431A8

Power:	2213 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.:	9.42 A

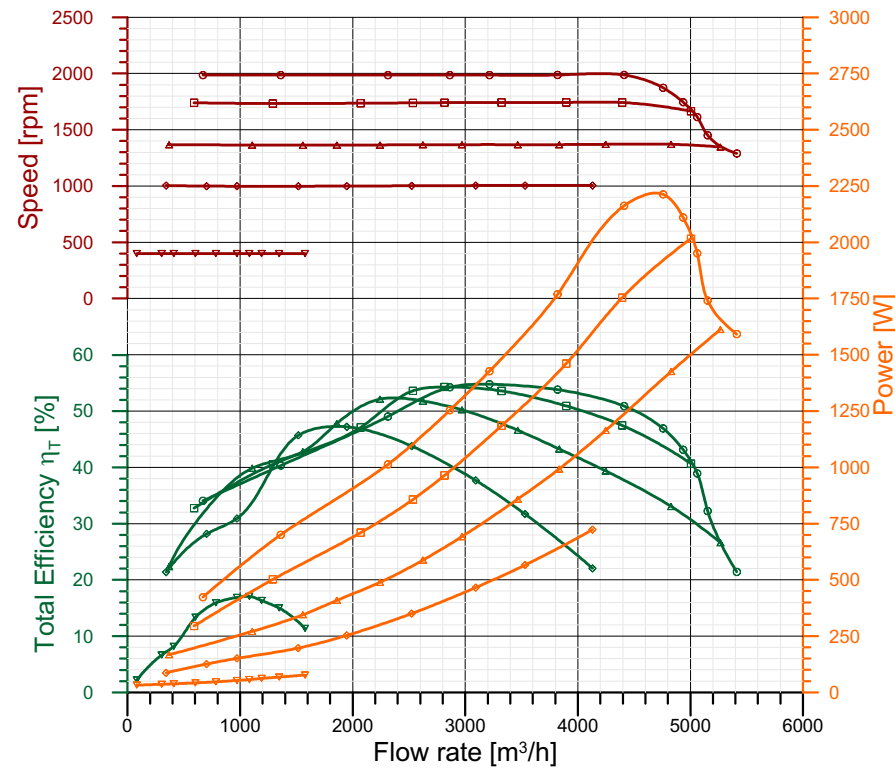
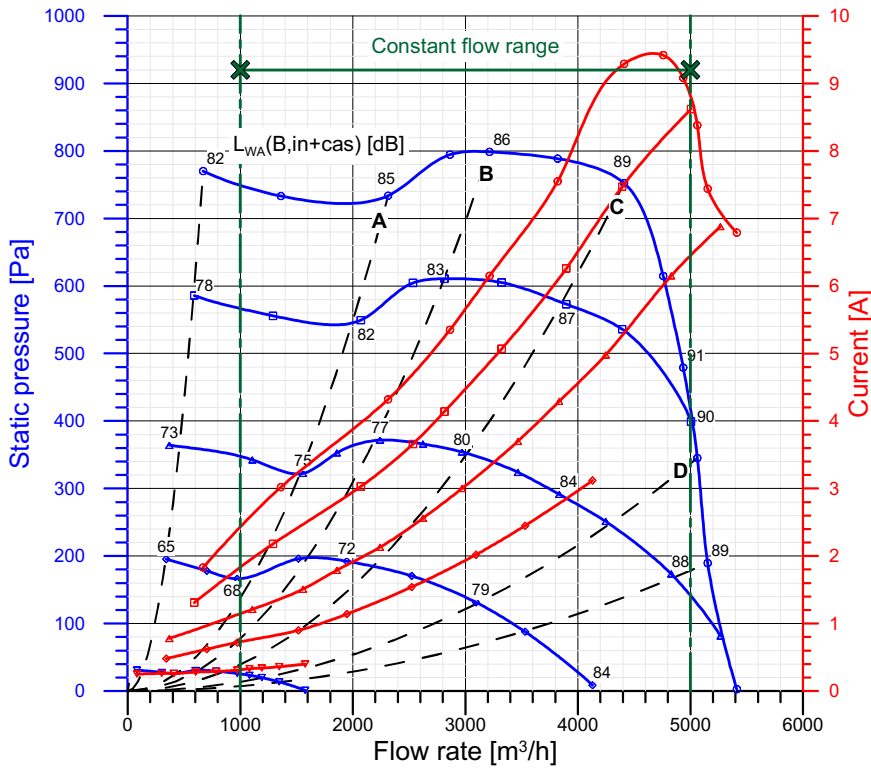
Performance data referring to:  
Standard air density  $\rho = 1.20 \text{ kg / m}^3$   
Installation type "B": free inlet, ducted outlet  
Sound Power Levels shown are  
Inlet-side  $L_{WA}(B, in+cas)$ , A-weighted, in dBA

Integral speed-control by On-board Driver 1431A8

	qv m3/h	pfs Pa	Pe W	n rpm	I A	$\eta_T$ %
○ Maximum performance curve (10 V)						
A	2313	734	1013	1986	4.32	49.1
B	3215	799	1427	1986	6.15	54.8
C	4411	752	2162	1987	9.29	50.9
D	5061	345	1951	1612	8.38	38.9
□ Performance at 1740 rpm						
A	2071	549	710	1736	3.03	47.1
B	2815	611	964	1741	4.14	54.3
C	3897	573	1461	1743	6.26	50.9
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
△ Performance at 1370 rpm						
A	1558	322	345	1363	1.51	42.8
B	2242	372	489	1365	2.13	52.2
C	2970	354	692	1368	3.00	50.2
D	4247	251	1164	1371	4.98	39.4
◇ Performance at 1000 rpm						
A	972	166	151	998	0.72	30.9
B	1517	196	197	998	0.90	45.7
C	1947	192	253	999	1.14	47.2
D	3094	131	466	1004	2.02	37.7
▽ Performance at 400 rpm						
A	410	26	38	399	0.26	8.2
B	603	30	42	399	0.28	13.4
C	785	29	47	399	0.29	15.9
D	1191	20	62	399	0.34	16.3

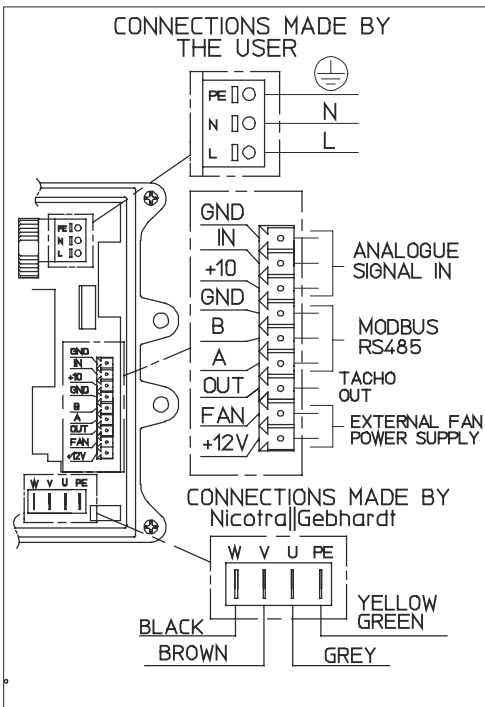
ErP Data acc. to Reg. 327/11/CE  
Performance referred to the best efficiency duty point

Compl. with Reg. 327/11/EC: Tier II (2015)  
Overall Efficiency ( $\eta_T \times C_c$ ) [%]: 59.0  
Measurement category: B  
Efficiency category: Total  
Efficiency grade N [%]: 64.4  
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]: 1.427  
Volume flow rate qv [m³/s]: 0.893  
Total Pressure [Pa]: 877  
Speed [rpm]: 1986  
Specific ratio: 1.009  
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](http://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.: S5038-000/1/3/5/7

## WIRING DIAGRAM

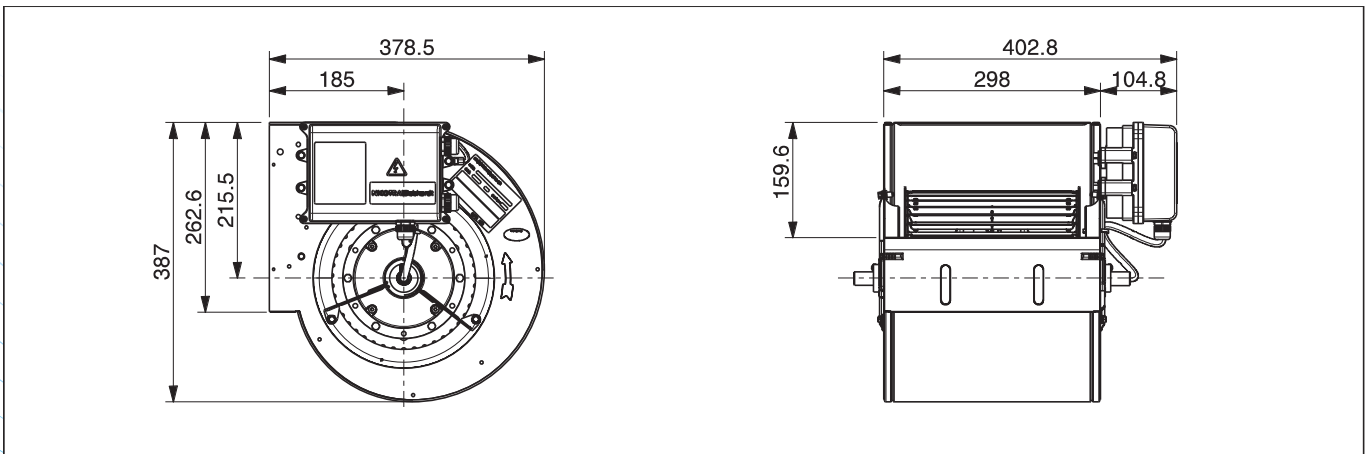


## NOISE DATA

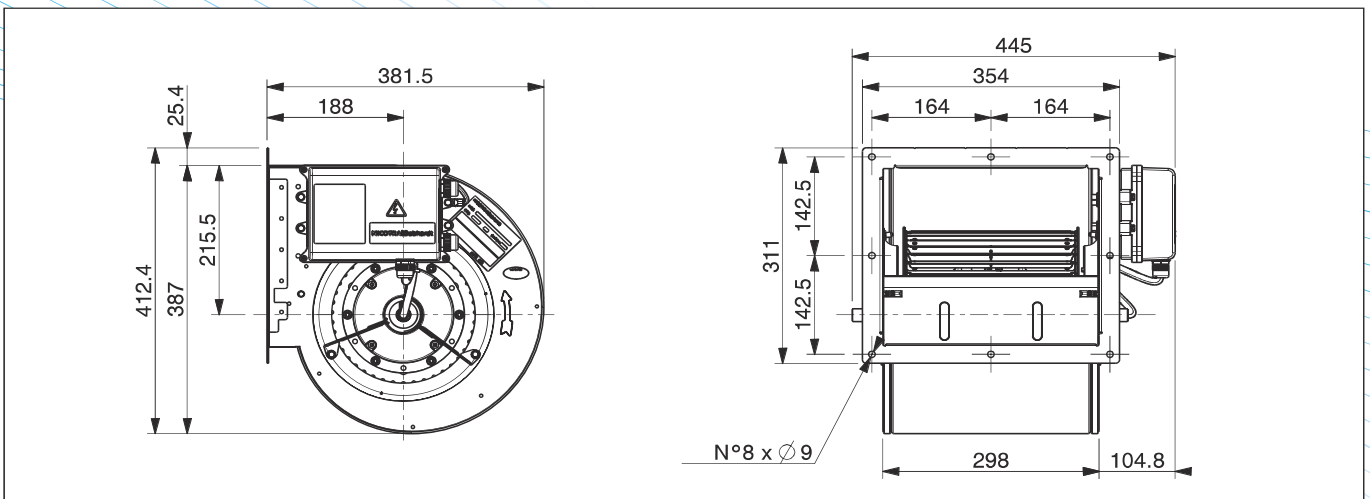
Working point	Sound power level for inlet side (Lw) in dB									
	m <sup>3</sup> /h	63	125	250	500	1k	2k	4k	8kHz	LwA
230 V / 50 Hz	2313	80,9	86,1	89,5	81,3	75,2	75,0	73,9	66,6	85,0
F.M.W.L.	3215	73,5	84,0	90,5	82,6	77,3	77,5	74,8	68,9	86,3
	4411	74,5	83,9	91,6	86,6	81,4	82,4	77,1	73,6	89,4
	5061	79,0	84,3	90,4	85,5	82,9	83,4	79,2	76,7	89,8
230 V / 50 Hz	2071	82,8	84,0	85,9	75,1	72,9	72,2	73,6	64,3	81,8
1740 rpm	2815	82,1	82,7	86,3	77,3	75,9	74,1	73,2	65,6	82,9
	3897	79,6	82,8	90,8	81,0	80,4	78,8	74,2	69,9	86,8
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
230 V / 50 Hz	1558	79,4	80,7	79,2	69,0	66,9	66,6	59,6	51,8	75,0
1370 rpm	2242	71,6	78,2	81,0	70,4	69,3	69,0	63,1	56,5	76,7
	2970	70,6	78,1	81,7	74,1	73,2	72,8	67,8	62,0	79,5
	4247	77,3	83,4	88,1	78,2	79,6	79,8	75,2	71,8	86,0
230 V / 50 Hz	972	73,8	73,8	71,2	63,3	60,6	59,6	50,0	40,3	67,9
1000 rpm	1517	66,6	74,5	72,3	64,2	61,9	61,4	53,1	44,3	69,1
	1947	70,8	73,9	74,9	66,3	64,5	64,4	57,0	49,0	71,5
	3094	75,7	77,9	80,1	72,4	72,4	72,6	67,8	61,5	78,7
230 V / 50 Hz	410	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
400 rpm	603	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	785	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	1191	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

## DIMENSIONAL DRAWINGS

6DB0055ZZ0000000 - DDMP 9/9 M6A4 DA8



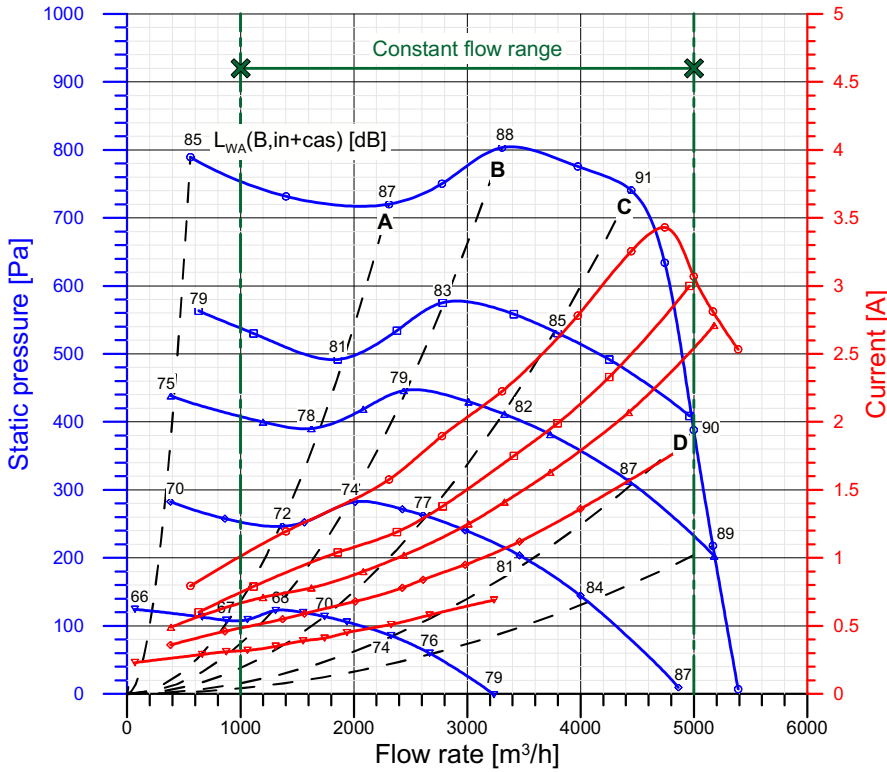
6DB0055ZZ00000001 - DDMP 9/9 M6A4 DA8+FL



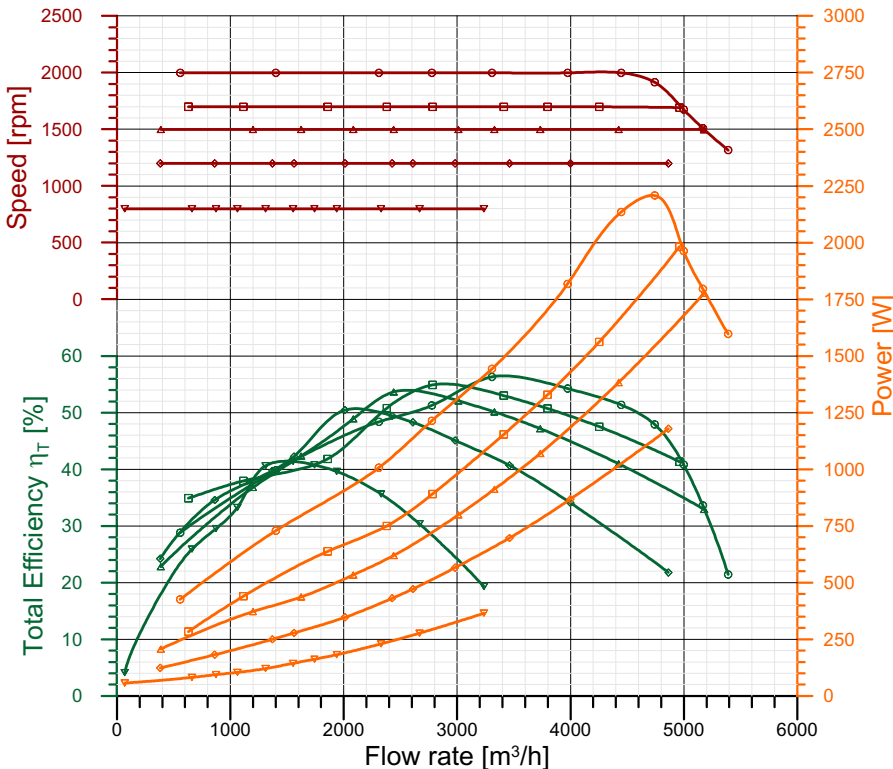
Power: 2140 W (input, max)	Protection Cl.: IP 54 (Motor)
Poles: 8	Insulation Cl.: F
Voltage: 400 V	Thermal prot.: YES-Integral
Supply: 3~	Temp. Min: -20 °C
Frequency: 50-60 Hz	Temp. Max: +40(+50) °C
Capacitor: n.a.	Current Max: 3.43 A

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	$\eta_T$ %
○ <b>Maximum performance curve (10 V)</b>						
A	2310	720	1007	1998	1.58	48.4
B	3307	803	1443	1998	2.22	56.3
C	4447	740	2135	1998	3.25	51.4
D	4998	388	1963	1674	3.07	40.8
□ <b>Performance at 1700 rpm</b>						
A	1858	492	638	1698	1.04	41.8
B	2783	575	891	1698	1.38	54.9
C	3797	531	1329	1698	1.99	50.7
D	4960	409	1982	1691	3.00	41.4
△ <b>Performance at 1500 rpm</b>						
A	1625	390	437	1498	0.78	42.4
B	2441	446	620	1499	1.02	53.7
C	3328	411	912	1499	1.41	50.2
D	4424	313	1383	1498	2.07	41.0
◇ <b>Performance at 1200 rpm</b>						
A	1371	246	250	1199	0.55	39.7
B	2011	282	347	1199	0.68	50.5
C	2610	263	472	1199	0.84	48.3
D	3462	204	697	1199	1.12	40.7
▽ <b>Performance at 800 rpm</b>						
A	874	108	94	799	0.31	29.5
B	1310	123	121	799	0.35	40.6
C	1741	114	162	799	0.41	40.8
D	2329	86	230	799	0.51	35.6

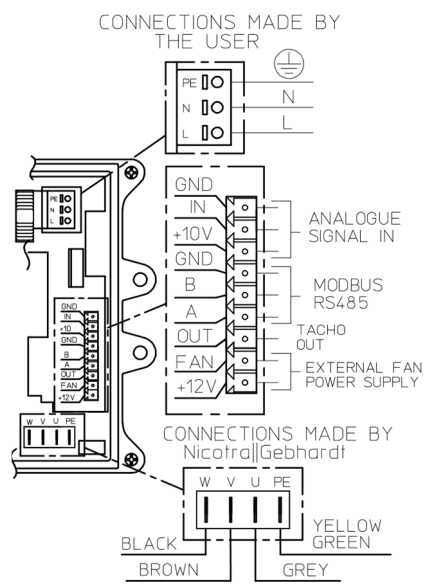


**ErP Data acc. to Reg. 327/11/CE**  
 Performance referred to the best efficiency duty point

Compl. with Reg. 327/11/EC: Tier II (2015)  
 Overall Efficiency ( $\eta \times Cc$ ) [%]: 60.7  
 Measurement category: B  
 Efficiency category: Total  
 Efficiency grade N [%]: 66.0  
 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]: 1.443  
 Volume flow rate  $q_v$  [m³/s]: 0.919  
 Total Pressure [Pa]: 886  
 Speed [rpm]: 1998  
 Specific ratio: 1.009  
 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](http://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.

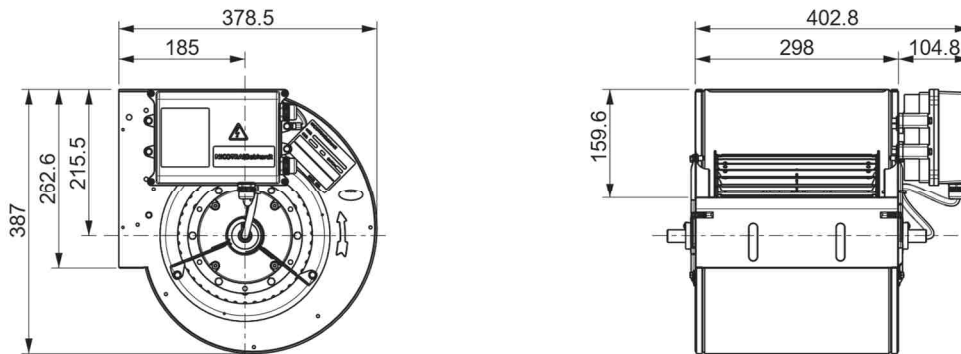
Test nr.: S5667 Date: 30/01/2019  
 Laboratory: Nicotra Gebhardt S.p.A. - Zingonia  
 Test chamber: 10000 m³/h

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		Sound power level for inlet side (L <sub>w</sub> ) in dB								
			m <sup>3</sup> /h	63	125	250	500	1k	2k	4k	8kHz	L <sub>wA</sub>
230 V / 50 Hz		A	2310	84	87	93	79	76	75	72	66	<b>87</b>
		B	3307	71	84	94	80	79	78	75	69	<b>88</b>
Working		C	4447	74	85	97	82	82	82	77	74	<b>91</b>
		D	4998	78	84	88	83	86	83	78	77	<b>90</b>
230 V / 50 Hz		A	1858	78	83	87	74	73	71	72	64	<b>81</b>
		B	2783	68	81	87	76	76	73	73	66	<b>83</b>
1700 rpm		C	3797	72	87	87	79	81	78	73	69	<b>85</b>
		D	4960	76	85	89	82	85	83	78	77	<b>89</b>
230 V / 50 Hz		A	1625	80	82	84	72	70	68	61	55	<b>78</b>
		B	2441	69	82	84	73	72	70	67	61	<b>79</b>
1500 rpm		C	3328	73	87	85	76	76	75	70	65	<b>82</b>
		D	4424	77	82	88	79	81	80	76	73	<b>87</b>
230 V / 50 Hz		A	1371	73	77	77	67	65	63	55	48	<b>72</b>
		B	2011	66	78	78	68	68	66	59	52	<b>74</b>
1200 rpm		C	2610	67	77	80	71	71	70	64	58	<b>77</b>
		D	3462	71	82	83	74	76	75	70	65	<b>81</b>
230 V / 50 Hz		A	874	74	67	67	59	65	53	41	35	<b>67</b>
		B	1310	66	67	69	61	65	56	45	38	<b>68</b>
800 rpm		C	1741	67	68	72	63	67	61	52	43	<b>70</b>
		D	2329	72	73	74	67	69	66	60	52	<b>74</b>

## DIMENSIONAL DRAWINGS DISEGNI DIMENSIONALI

### 6DD0055ZZ0000000 - DDMP 9/9 2.2kW 400V-3F M6A4-DG0



### 6DD0055ZZ0000001 - DDMP 9/9 2.2kW 400V-3F M6A4-DG0 +FL

