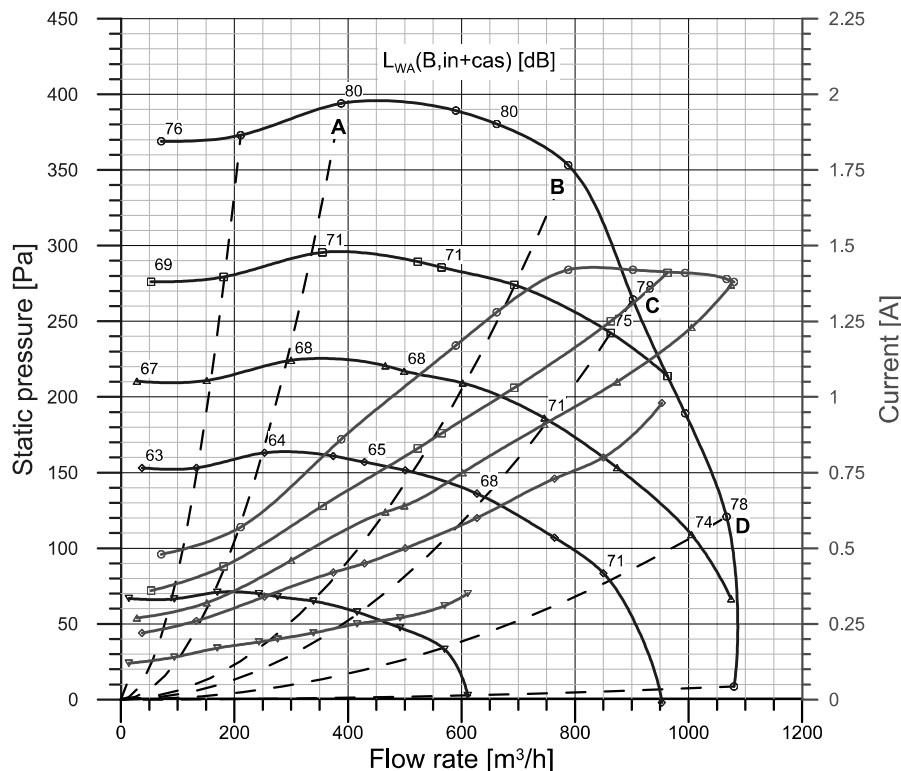


Power: 220 W (input, max) Protection Cl.: IP 20
Poles: 8 Insulation Cl.: B
Voltage: 230 V Thermal prot.: YES-Integral
Supply: 1~ Temp. Min: -20 °C
Frequency: 50-60 Hz Temp. Max: +40 °C
Capacitor: n.a. Current Max: 1.42 A

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 Dedicated Driver



	qv m³/h	pfs Pa	Pe W	n rpm	I A	η_T %
○ Maximum performance curve (10 V)						
A	388	394	126	2500	0.86	34.9
B	788	353	219	2455	1.42	41.2
C	902	264	217	2264	1.42	39.5
D	1067	121	213	1989	1.39	31.9
□ Performance at 2170 rpm						
A	355	296	90	2168	0.64	33.7
B	693	274	152	2169	1.03	40.3
C	863	242	191	2169	1.25	39.3
D	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
△ Performance at 1900 rpm						
A	300	224	62	1897	0.46	31.2
B	602	209	105	1898	0.75	38.9
C	746	186	129	1899	0.91	38.4
D	1005	109	183	1899	1.23	31.2
◇ Performance at 1620 rpm						
A	253	163	42	1621	0.34	28.0
B	501	152	67	1622	0.50	36.5
C	627	136	82	1623	0.60	36.7
D	850	83	114	1623	0.80	31.5
▽ Performance at 1075 rpm						
A	170	71	19	1074	0.17	18.6
B	339	65	26	1075	0.22	27.4
C	416	58	30	1075	0.25	28.6
D	570	33	39	1075	0.31	25.9

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

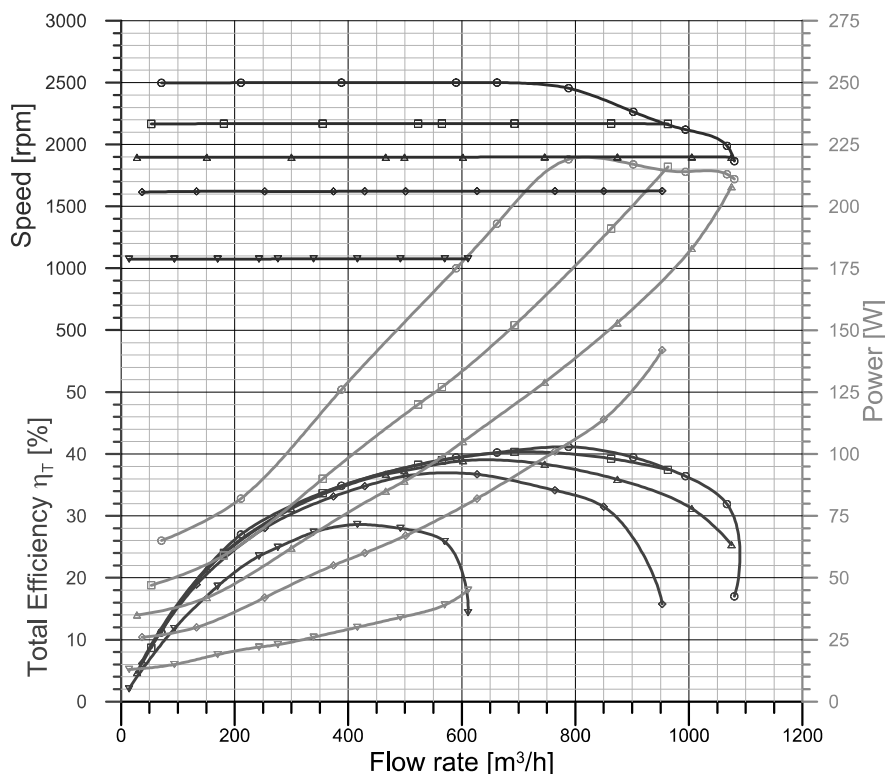
Performance referred to the best efficiency duty point

Compl. with Reg. 327/11/EC: Tier II (2015)
Overall Efficiency ($\eta \times C_c$) [%]: 46.7
Measurement category: B
Efficiency category: Total
Efficiency grade N [%]: 57.2
A variable speed drive is integrated with this fan
Manufactured since: 2018
By: Regal Beloit Italy S.p.A.
Via Modena 18
24040 Ciserano - Italy
Power input [kW]: 0.219
Volume flow rate qv [m³/s]: 0.219
Total Pressure [Pa]: 412
Speed [rpm]: 2455
Specific ratio: 1.004

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.

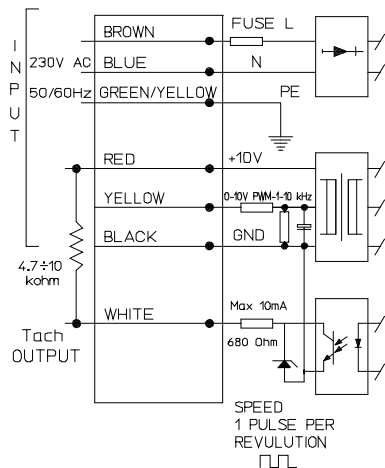


Test nr.: S5576-000/01/02/03/05 Date: 12/06/2018
Laboratory: Nicotra Gebhardt SpA
Test chamber: 1000 m³/h

Produced with NG Fan Datasheet Template Ver. B-BC+FC-1.4, on 23/11/2018

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 _{W in}) [dB]								
		m ³ /h	63	125	250	500	1k	2k	4k	8kHz	L _{W A}
230 V / 50 Hz	A	388	68	65	77	78	78	67	63	59	80
	B	788	68	65	75	77	78	69	65	63	81
	C	902	69	63	74	76	75	68	64	62	78
	D	1067	66	65	73	75	75	68	65	64	78
230 V / 50 Hz 2170 rpm	A	355	66	59	72	69	66	60	57	54	71
	B	693	64	61	70	70	69	65	60	58	73
	C	863	62	61	71	71	71	67	62	61	75
	D	n.a.	0	0	0	0	0	0	0	0	0
230 V / 50 Hz 1900 rpm	A	300	65	62	69	66	63	57	54	49	68
	B	602	67	62	69	67	66	60	56	53	70
	C	746	66	61	70	68	67	63	58	56	71
	D	1005	67	63	71	71	70	67	63	62	74
230 V / 50 Hz 1620 rpm	A	253	64	58	65	62	60	52	49	44	64
	B	501	65	57	65	63	63	54	51	46	66
	C	627	64	57	67	64	65	57	53	50	68
	D	850	67	61	68	67	68	61	58	57	71
230 V / 50 Hz 1075 rpm	A	170	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	B	339	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	C	416	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	D	570	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DIMENSIONAL DRAWINGS DISEGNI DIMENSIONALI

6M04L7 - DDMP 146/190 MVD05 + DRIVER

