



Fan 3656 C 400-415V 50Hz

34301115

Fan 3656 M 400-415V 50Hz

34324115

Fan 3656 G 400-415V 50Hz

34325156

Images

34301115



34324115



34325156

Technical data

Voltage:	400 – 415	[Δ V ac] +/-10%
Phase:	3	
Frequency:	50	[Hz]
Max. current:	1,05	[A]
Current (at 50 Pa and 50Hz):	1,05	[A]
Input power (at 50 Pa and 50Hz):	384	[W]
Shaft power (at 50 Pa and 50Hz):	269	[W]
Max. input power:	384	[W]
Max. air volume:	10190	[m ³ /h]
Max. pressure:	65	[pa]
Max. rotations:	941	[RPM]
Poles:	6	
Cos phi:	0,53	
Controllable:	F	Frequency
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	65 (54)	[dB(A)]
Impeller:	556 / 8 / 50 / 22	D / n / ° / shaft diameter
Weight 34301115 (excl. pack.):	15,8 / 34,8	[Kg] / [lbs]
Weight 34324115 (excl. pack.):	17 / 37,5	[Kg] / [lbs]
Weight 34325156 (excl. pack.):	18,4 / 40,6	[Kg] / [lbs]

- Air density 1,2 kg/m³, 1 Pa (Pascal) = 1N/m² ~ 0,102 mm wk. (20°C).
- Sound production is calculated at 0 Pa and at a distance of 2 meter (the value between brackets is calculated at a distance of 7 meter).
- Measurement without protection grid.
- According to AMCA 210 / ISO 5801.
- Images may differ slightly from reality.

**Conformity****CE ErP 2015****Data according to ErP directive**

Overall efficiency:	31,1 [%]
Measurement category:	C
Efficiency category:	Static
Efficiency grade (N) at optimum energy efficiency	40,1
Variable speed drive VSD:	No
Year of manufacture:	See typelabel
Commercial registration number:	Fancom B.V. 12015669 Panningen (NL)
Model number:	3656 50Hz
Input power at optimum energy efficiency point:	382 [W]
Air volume at optimum energy efficiency point:	6690 [m ³ /h]
Pressure at optimum energy efficiency point:	65 [pa]
Rotations at optimum energy efficiency point:	934 [RPM]
Compressibility factor:	0,9847
Information on dismantling, recycling and disposal:	Observe the manual of this product
Information about environment and optimal live:	Observe the manual of this product
Description of additional items used when determining the fan energy efficiency:	No special items have been used

Ambient climate

Operating temperature range:	0°C to +40°C (32°F to +104°F)
Storage temperature range:	-10°C to +50°C (14°F to +122°F)
Relative humidity:	<95%, uncondensed

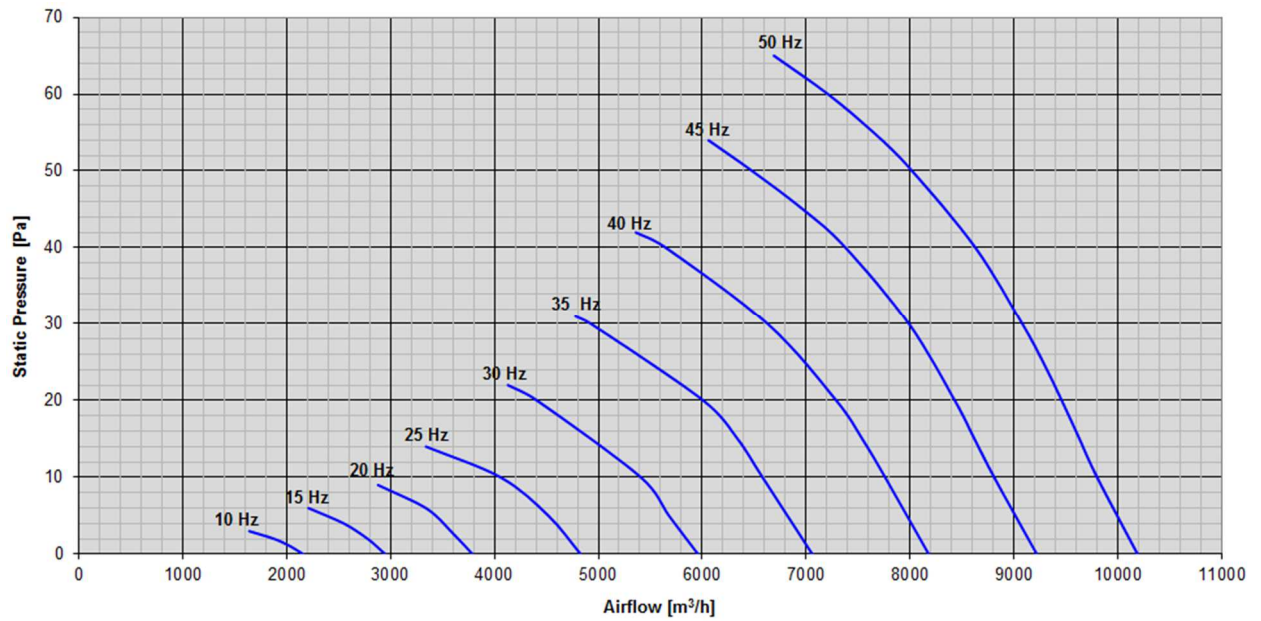


Specifications Fan 3656 50Hz

Frequentie Frequency	Druk Pressure	Debiet Airflow		Toerental Rotations	Vermogen Power	Stroom Current	Luchtsnel. Airspeed	Tot. Rendement Tot. Efficiency	Spec. Verm. Spec. Power
F	p	----- V	-----	RPM	P	I	v	η_{tot}	P_{spec}
[Hz]	[Pa]	[m ³ /h]	[m ³ /s]	[1/min]	[W]	[A]	[m/s]	[% at 20°C]	[W/1000m ³ /h]
50Hz	0	10190	2.83	941	373	1.04	8.9	35.9	36.6
	10	9800	2.72	939	379	1.04	8.5	38.6	38.7
	15	9630	2.68	939	381	1.05	8.4	40.2	39.6
	20	9460	2.63	939	382	1.05	8.2	41.8	40.4
	25	9280	2.58	938	383	1.05	8.1	43.2	41.3
	30	9080	2.52	938	384	1.05	7.9	44.4	42.3
	40	8630	2.40	937	384	1.05	7.5	46.2	44.5
	50	8020	2.23	936	384	1.05	7.0	46.0	47.9
	55	7650	2.13	935	383	1.04	6.7	45.3	50.1
	60	7210	2.00	934	383	1.04	6.3	43.8	53.1
65	6690	1.86	934	382	1.04	5.8	41.5	57.1	
45Hz	0	9220	2.56	850	282	0.91	8.0	35.2	30.6
	10	8810	2.45	849	287	0.91	7.7	38.7	32.6
	15	8620	2.39	849	288	0.91	7.5	40.6	33.4
	20	8430	2.34	848	290	0.92	7.3	42.3	34.4
	30	7990	2.22	848	291	0.92	7.0	45.1	36.4
	40	7380	2.05	848	291	0.92	6.4	45.7	39.4
	45	6970	1.94	848	291	0.92	6.1	44.7	41.8
	50	6480	1.80	848	291	0.92	5.6	42.8	44.9
54	6060	1.68	849	291	0.92	5.3	40.9	48.0	
40Hz	0	8180	2.27	753	202	0.78	7.1	34.3	24.7
	10	7760	2.16	752	206	0.79	6.8	39.2	26.5
	15	7540	2.09	752	207	0.79	6.6	41.4	27.5
	20	7290	2.03	751	208	0.79	6.4	43.1	28.5
	30	6630	1.84	751	208	0.79	5.8	44.3	31.4
	40	5650	1.57	750	207	0.79	4.9	41.4	36.6
	42	5360	1.49	750	207	0.79	4.7	39.6	38.6
35Hz	0	7060	1.96	653	138	0.67	6.2	32.3	19.5
	10	6580	1.83	652	141	0.67	5.7	38.5	21.4
	15	6340	1.76	651	142	0.67	5.5	41.3	22.4
	20	6010	1.67	651	142	0.68	5.2	42.9	23.6
	30	4930	1.37	651	142	0.68	4.3	39.6	28.8
	31	4780	1.33	651	142	0.68	4.2	38.7	29.7
30Hz	0	5960	1.66	552	89	0.56	5.2	30.1	14.9
	5	5680	1.58	551	91	0.56	5.0	34.2	16.0
	10	5410	1.50	550	92	0.57	4.7	38.1	17.0
	20	4410	1.23	549	92	0.57	3.8	38.4	20.9
	22	4130	1.15	549	92	0.57	3.6	37.1	22.3
25Hz	0	4830	1.34	448	54	0.46	4.2	26.4	11.2
	5	4520	1.26	446	56	0.46	3.9	32.1	12.4
	10	4060	1.13	446	56	0.46	3.5	35.3	13.8
	14	3340	0.93	446	56	0.46	2.9	31.6	16.8
20Hz	0	3790	1.05	364	35	0.40	3.3	19.7	9.2
	3	3580	0.99	362	35	0.40	3.1	25.1	9.8
	6	3340	0.93	362	36	0.40	2.9	28.6	10.8
	9	2880	0.80	362	36	0.40	2.5	28.4	12.5
15Hz	0	2950	0.82	273	21	0.33	2.6	15.5	7.1
	2	2780	0.77	271	21	0.34	2.4	20.3	7.6
	4	2550	0.71	271	22	0.34	2.2	22.4	8.6
	6	2210	0.61	271	21	0.34	1.9	24.0	9.5
10Hz	0	2160	0.60	188	14	0.31	1.9	9.1	6.5
	1	2040	0.57	187	14	0.31	1.8	11.7	6.9
	2	1880	0.52	186	14	0.31	1.6	13.5	7.4
	3	1640	0.46	185	14	0.31	1.4	13.8	8.5



Fan characteristic



Specific power

