



Fan 3480P C 400-415V 50Hz
Fan 3480P M 400-415V 50Hz

34302034
34322164

Images



34302034



34322164

Technical data

Voltage:	400 – 415	[Δ V ac] +/-10%
Phase:	3	
Frequency:	50	[Hz]
Max. current:	5,04	[A]
Current (at 50 Pa and 50Hz):	4,58	[A]
Input power (at 50 Pa and 50Hz):	2268	[W]
Shaft power (at 50 Pa and 50Hz):	1792	[W]
Max. input power:	2621	[W]
Max. air volume:	28650	[m ³ /h]
Max. pressure:	268	[pa]
Max. rotations:	1437	[RPM]
Poles:	4	
Cos phi:	0,75	
Controllable:	F	Frequency
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	77 (66)	[dB(A)]
Impeller:	789 / 5 / 35 / 22	D / n / ° / shaft diameter
Weight 34302034 (excl. pack.):	36,4 / 80,2	[Kg] / [lbs]
Weight 34322164 (excl. pack.):	31,1 / 68,5	[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:	53,2 [%]
Measurement category:	C
Efficiency category:	Static
Efficiency grade (N) at optimum energy efficiency	56,9
Variable speed drive VSD:	No
Year of manufacture:	See typelabel
Commercial registration number:	Fancom B.V. 12015669 Panningen (NL)
Model number:	3480P 50Hz
Input power at optimum energy efficiency point:	2619 [W]
Air volume at optimum energy efficiency point:	17440 [m ³ /h]
Pressure at optimum energy efficiency point:	268 [pa]
Rotations at optimum energy efficiency point:	1414 [RPM]
Compressibility factor:	1,0739
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

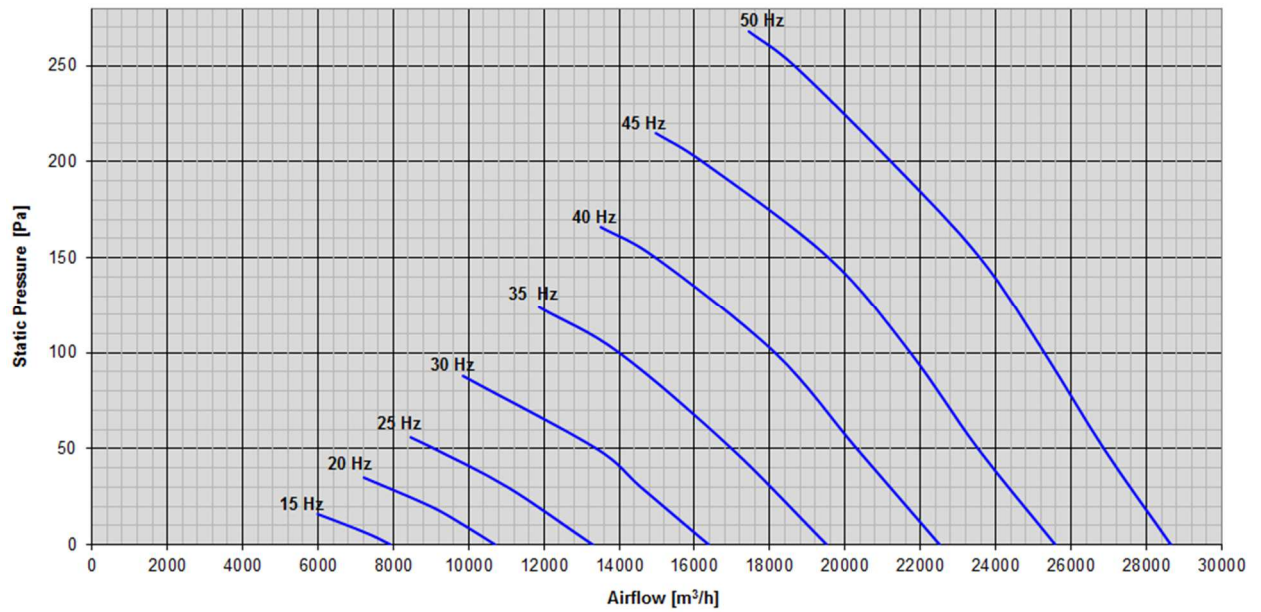


Specifications Fan 3480P 50Hz

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]	
50	0	28650	7.96	1437	2103	4.39	15.8	56.9	73.4
	50	26870	7.46	1429	2268	4.58	14.8	60.0	84.4
	100	25290	7.03	1423	2410	4.75	14.0	63.3	95.3
	150	23580	6.55	1417	2523	4.89	13.0	65.4	107.0
	200	21225	5.90	1413	2601	5.00	11.7	64.1	122.5
	250	18655	5.18	1413	2621	5.04	10.3	62.0	140.5
	268	17440	4.84	1414	2619	5.04	9.6	59.9	150.2
45	0	25580	7.11	1284	1521	3.77	14.1	56.0	59.5
	50	23530	6.54	1275	1684	4.01	13.0	58.8	71.6
	100	21735	6.04	1269	1779	4.16	12.0	63.3	81.8
	150	19560	5.43	1264	1859	4.29	10.8	64.3	95.0
	200	16218	4.51	1264	1871	4.31	9.0	59.8	115.3
	215	14970	4.16	1265	1861	4.30	8.3	57.2	124.3
40	0	22510	6.25	1139	1080	3.25	12.4	53.8	48.0
	50	20310	5.64	1130	1201	3.50	11.2	59.0	59.1
	100	18140	5.04	1121	1295	3.68	10.0	62.4	71.4
	150	14970	4.16	1119	1326	3.75	8.3	59.9	88.6
	166	13510	3.75	1120	1317	3.74	7.5	56.8	97.5
35	0	19510	5.42	993	735	2.79	10.8	51.4	37.7
	50	16990	4.72	981	838	3.07	9.4	57.9	49.3
	100	14005	3.89	975	893	3.22	7.7	59.3	63.7
	124	11870	3.30	975	890	3.22	6.6	55.5	75.0
30	0	16380	4.55	841	466	2.35	9.1	48.0	28.4
	30	14575	4.05	831	519	2.55	8.1	53.8	35.6
	50	13400	3.72	826	547	2.66	7.4	56.4	40.8
	88	9850	2.74	825	553	2.68	5.4	52.3	56.1
25	0	13300	3.69	689	271	1.92	7.3	44.2	20.4
	30	11040	3.07	676	312	2.15	6.1	51.5	28.2
	50	9092	2.53	672	322	2.21	5.0	51.2	35.4
	56	8460	2.35	672	322	2.21	4.7	50.4	38.1
20	0	10710	2.98	561	156	1.51	5.9	40.1	14.6
	10	9890	2.75	556	169	1.59	5.5	45.4	17.1
	20	8990	2.50	552	179	1.65	5.0	48.6	19.9
	35	7220	2.01	550	184	1.68	4.0	48.6	25.5
15	0	7930	2.20	421	78	1.17	4.4	32.5	9.8
	5	7420	2.06	418	83	1.20	4.1	37.5	11.2
	10	6790	1.89	416	87	1.23	3.8	40.0	12.8
	16	5990	1.66	413	90	1.25	3.3	41.7	15.0
10	0	5790	1.61	288	35	1.03	3.2	28.2	6.0
	5	4880	1.36	285	39	1.04	2.7	32.5	8.0
	10	3230	0.90	283	40	1.04	1.8	26.7	12.4
	14	1770	0.49	280	42	1.04	1.0	17.1	23.7
5	0	3320	0.92	146	31	1.38	1.8	6.0	9.3
	2	2630	0.73	145	31	1.38	1.5	7.7	11.8
	4	1390	0.39	145	32	1.37	0.8	5.3	23.0
	5	800	0.22	144	31	1.36	0.4	3.7	38.8



Fan characteristic



Specific power

