



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

34302035
34322165

Images



34302035



34322165

Technical data

Voltage:	400 – 415	[Δ V ac] +/-10%
Phase:	3	
Frequency:	50	[Hz]
Max. current:	5,24	[A]
Current (at 50 Pa and 50Hz):	4,26	[A]
Input power (at 50 Pa and 50Hz):	1981	[W]
Shaft power (at 50 Pa and 50Hz):	1545	[W]
Max. input power:	2672	[W]
Max. air volume:	21610	[m ³ /h]
Max. pressure:	380	[pa]
Max. rotations:	1441	[RPM]
Poles:	4	
Cos phi:	0,74	
Controllable:	F	Frequency
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	69 (58)	[dB(A)]
Impeller:	789 / 9 / 25 / 22	D / n / ° / shaft diameter
Weight 34302035 (excl. pack.):	38,4 / 84,4	[Kg] / [lbs]
Weight 34322165 (excl. pack.):	34,1 / 75,1	[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****ErP 2015****Data according to ErP directive**

Overall efficiency:	53,4 [%]
Measurement category:	C
Efficiency category:	Static
Efficiency grade (N) at optimum energy efficiency	57,1
Variable speed drive VSD:	No
Year of manufacture:	See typelabel
Commercial registration number:	Fancom B.V. 12015669 Panningen (NL)
Model number:	3480D 50Hz
Input power at optimum energy efficiency point:	2646 [W]
Air volume at optimum energy efficiency point:	12590 [m ³ /h]
Pressure at optimum energy efficiency point:	350 [pa]
Rotations at optimum energy efficiency point:	1406 [RPM]
Compressibility factor:	1,1548
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

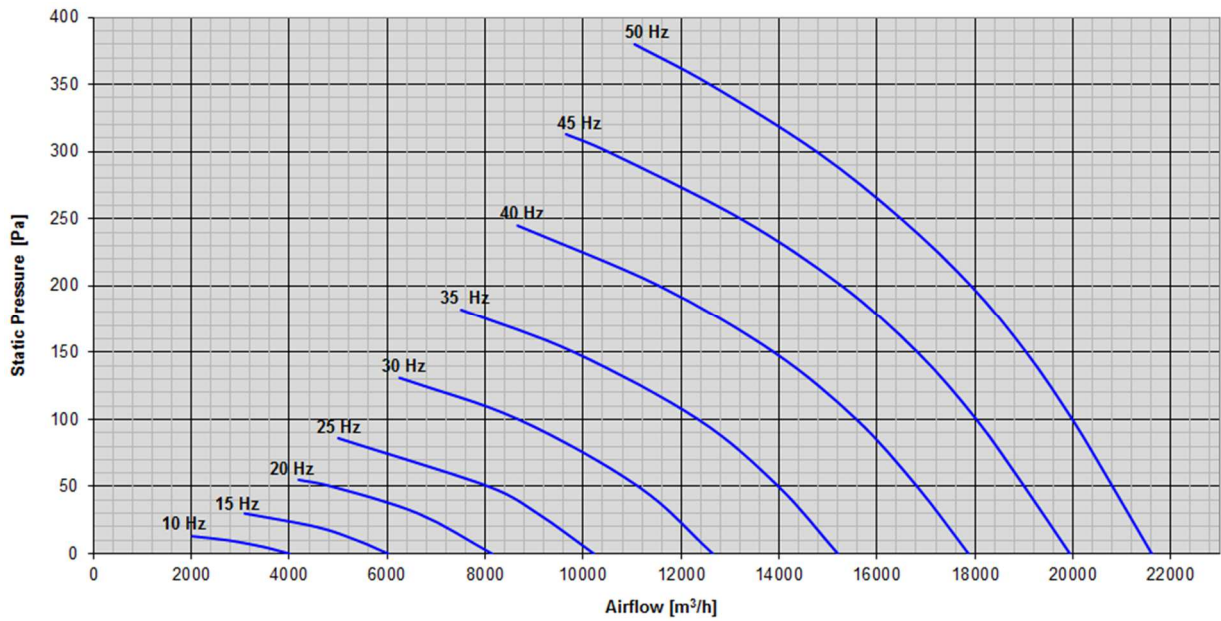


Specifications Fan 3480D 50Hz

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	21610	6.00	1441	1835	4.10	11.9	28.0	84.9
	50	20810	5.78	1436	1981	4.26	11.5	37.7	95.2
	100	19990	5.55	1429	2124	4.43	11.0	45.3	106.3
	150	19050	5.29	1421	2260	4.59	10.5	50.7	118.6
	200	17920	4.98	1414	2385	4.75	9.9	54.0	133.1
	250	16495	4.58	1408	2493	4.91	9.1	55.1	151.1
	300	14770	4.10	1405	2582	5.05	8.2	54.0	174.8
	350	12590	3.50	1406	2646	5.18	7.0	50.1	210.2
	380	11050	3.07	1408	2672	5.24	6.1	46.2	241.8
45	0	19940	5.54	1314	1380	3.58	11.0	29.2	69.2
	50	19010	5.28	1306	1510	3.75	10.5	40.6	79.4
	100	18030	5.01	1297	1639	3.93	10.0	48.8	90.9
	150	16830	4.68	1273	1758	4.10	9.3	53.7	104.5
	200	15280	4.24	1289	1859	4.26	8.4	55.4	121.7
	250	13220	3.67	1277	1933	4.38	7.3	53.6	146.2
	300	10510	2.92	1276	1972	4.45	5.8	47.4	187.6
	313	9650	2.68	1276	1975	4.46	5.3	44.8	204.7
40	0	17870	4.96	1167	985	3.07	9.9	29.5	55.1
	50	16820	4.67	1159	1094	3.25	9.3	43.5	65.0
	100	15580	4.33	1149	1203	3.46	8.6	52.0	77.2
	150	13900	3.86	1141	1299	3.65	7.7	55.1	93.5
	200	11550	3.21	1136	1368	3.79	6.4	52.6	118.4
	245	8660	2.41	1138	1397	3.86	4.8	44.6	161.3
35	0	15200	4.22	1017	678	2.64	8.4	26.4	44.6
	50	13990	3.89	1006	774	2.87	7.7	43.1	55.3
	100	12350	3.43	995	864	3.1	6.8	50.8	70.0
	150	9820	2.73	988	928	3.28	5.4	49.3	94.5
	182	7510	2.09	987	946	3.33	4.2	42.4	126.0
30	0	12650	3.51	863	436	2.23	7.0	23.6	34.5
	50	11130	3.09	848	521	2.52	6.2	43.1	46.8
	100	8680	2.41	837	588	2.77	4.8	46.7	67.7
	131	6250	1.74	835	603	2.84	3.5	39.8	96.5
25	0	10220	2.84	707	258	1.84	5.6	21.1	25.2
	30	9070	2.52	694	302	2.07	5.0	37.6	33.3
	50	8070	2.24	685	328	2.22	4.5	42.3	40.6
	86	5000	1.39	679	353	2.36	2.8	35.6	70.6
20	0	8140	2.26	572	150	1.48	4.5	18.3	18.4
	30	6630	1.84	558	185	1.7	3.7	37.9	27.9
	50	4870	1.35	552	199	1.8	2.7	36.9	40.9
	55	4190	1.16	552	200	1.8	2.3	33.9	47.7
15	0	6020	1.67	428	78	1.18	3.3	14.2	13.0
	10	5380	1.49	423	86	1.24	3.0	26.6	16.0
	20	4550	1.26	417	95	1.31	2.5	31.7	20.9
	30	3090	0.86	415	98	1.34	1.7	27.8	31.7
10	0	4000	1.11	291	40	1.03	2.2	8.1	10.0
	5	3480	0.97	288	43	1.04	1.9	16.2	12.4
	10	2750	0.76	286	46	1.05	1.5	18.9	16.7
	13	2020	0.56	285	46	1.05	1.1	16.8	22.8



Fan characteristic



Specific power

