



Application

The fans are designed for transporting clean and slightly dusted air. They are used as elements of various ventilation systems and to generate air blast in numerous industrial processes.

Construction

Extremely high-pressure, centrifugal, direct-driven fans. The rotor with welded, backward-tilted blades is made of steel sheet. The housing is made of welded steel sheet, reinforced with steel angle bars and connected to the base of the electric motor. The whole set is painted with powder paint.

Electric motor

Asynchronous, three phase 400V, 50Hz, IE3. The motors are manufactured in accordance with the IEC 60034-1 standard. Insulation class F, degree of protection IP 55. On request, we can supply motors driven by another voltage or frequency, and/or with an increased level of protection.

Additional accessories

Inlet and outlet adaptors, noise suppressor, noise dampening housing for motors, vibration dampeners, etc.

Fans and accessories are selected on request.

Beteckningar

Teknisk data

Modell	Hastighet [r.p.m.]	P max [W]	Q max [m ³ /h]	P statiskt [Pa]	Vikt [kg]	Temp. min. [°C]	Temp. max. [°C]
BE-2-315/150T	2880	1500	2340	1770	27	-20	40
BE-2-355/220T	2890	2200	3360	2260	42	-20	40
BE-2-400/400T	1870	4000	4770	2830	55	-20	40
BE-2-450/750T	2930	7500	6930	3730	72	-20	40
BE-2-500/1500T	2940	15000	9550	4630	115	-20	40
BE-4-450/110T	1425	1100	3370	880	72	-20	40
BE-4-500/150T	1440	1500	4680	1110	115	-20	40
BE-4-560/300T	1445	3000	6590	1410	140	-20	40
BE-4-630/550T	1455	5500	9450	1800	180	-20	40
BE-4-710/1100T	1475	11000	13710	2350	230	-20	40
BE-4-800/1850T	1475	18500	19610	2300	340	-20	40
BE-4-900/3000T	1470	30000	27820	3750	400	-20	40
BE-4-1000/5500T	1475	55000	38300	4660	500	-20	40
BE-6-630/150T	930	1500	6040	740	180	-20	40
BE-6-710/300T	965	3000	8970	1010	230	-20	40
BE-6-800/550T	950	5500	12630	1240	340	-20	40
BE-6-900/1100T	980	11000	18550	1670	400	-20	40
BE-6-1000/1500T	980	15000	25450	2060	500	-20	40
BE-6-1120/3000T	985	30000	35950	2610	620	-20	40
BE-6-1250/5500T	990	55000	50200	3280	750	-20	40
BE-6-1400/9000T	990	90000	70500	4120	850	-20	40

Dimensioner (mått i millimeter)



Model	A	B	C	D	E	F*	H	L*	Q1*	Q2	T*	U*	V	no x ØK	a	a1
BE 315	236	248	230	285	133	335	375	400	400	150	180	438	105	6xØ11,5	242	216
BE 355	262	277	255	318	143	345	425	400	400	180	180	458	115	6xØ14	262	236
BE 400	295	309	285	356	153	398	465	440	400	180	220	523	126	6xØ14	286	260
BE 450	328	352	319	404	164	412	512	440	460	180	220	550	137	6xØ14	312	286
BE 500	367	395	348	454	178	518	566	600	500	250	300	667	156	6xØ17	362	326
BE 560	413	442	392	508	192	667	645	700	550	250	420	828	175	6xØ17	397	361
BE 630	466	496	441	570	207	787	725	910	650	250	500	958	200	6xØ17	437	401
BE 710	525	550	490	633	224	910	775	1010	750	250	600	1104	240	6xØ17	482	446
BE 800	590	616	548	708	244	810	895	840	670	250	450	1014	248	6xØ17	532	496
BE 900	656	696	618	800	267	861	980	1000	745	300	520	1116	251	6xØ17	582	546
BE 1000	735	782	694	899	292	991	1130	1200	850	300	600	1266	286	6xØ22	642	606
BE 1120	827	879	781	1011	318	1126	1250	1350	950	300	700	1436	311	6xØ22	752	702
BE 1250	932	988	879	1137	348	1316	1390	1470	1050	300	800	1641	366	6xØ22	832	782

Model	a2	e1	no x z1	b	b1	b2	e	no x z	no x ØW	d1	d2	d3	no x Ød
BE 315	180	108	-	202	176	140	88	-	8xØ10	182	252	219	8xØ11,5
BE 355	200	118	-	222	196	160	98	-	8xØ10	203	273	241	8xØ11,5
BE 400	224	130	-	242	216	180	108	-	8xØ10	227	297	265	8xØ11,5
BE 450	250	143	-	262	236	200	118	-	8xØ10	253	323	292	8xØ11,5
BE 500	280	163	-	286	260	224	130	-	8xØ10	283	363	332	8xØ11,5
BE 560	315	118	1x125	312	286	250	143	-	10xØ12	318	398	366	8xØ11,5
BE 630	355	138	1x125	362	326	282	163	-	10xØ12	358	438	405	8xØ11,5
BE 710	400	160,5	1x125	397	361	317	118	1x125	12xØ12	404	484	448	12xØ11,5
BE 800	450	60,5	3x125	437	401	357	138	1x125	18xØ12	454	534	497	12xØ11,5
BE 900	500	85,5	3x125	482	446	402	160,5	1x125	18xØ12	504	584	551	12xØ11,5
BE 1000	560	115,5	3x125	532	496	452	60,5	3x125	20xØ12	564	664	629	16xØ14
BE 1120	630	163,5	3x125	582	546	502	85,5	3x125	20xØ12	634	734	698	16xØ14
BE 1250	710	78,5	5x125	642	606	562	115,5	3x125	24xØ12	714	814	775	16xØ14

* - dimensions depending on type of motor

** - some dimensions may differ, depending on orientation, outlet / inlet arrangement

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