



## 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

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 <sup>3</sup> /h]	P statiskt [Pa]	Vikt [kg]	Temp. min. [°C]	Temp. max. [°C]
BH-2-315/110T	2880	1100	3630	1520	27	-20	40
BH-2-355/220T	2890	2200	5200	1950	42	-20	40
BH-2-400/400T	2870	4000	7390	2430	55	-20	40
BH-2-450/750T	2930	7500	10750	3210	72	-20	40
BH-2-500/1500T	2940	15000	14800	3990	115	-20	40
BH-4-500/150T	1440	1500	7240	960	115	-20	40
BH-4-560/300T	1455	3000	10210	1210	140	-20	40
BH-4-630/550T	1455	5500	14650	1550	180	-20	40
BH-4-710/1100T	1475	11000	21250	2030	230	-20	40
BH-4-800/1500T	1475	15000	30400	2570	340	-20	40
BH-4-900/3000T	1470	30000	43100	3230	400	-20	40
BH-6-560/75T	935	750	6610	510	140	-20	40
BH-6-630/150T	930	1500	9360	640	180	-20	40
BH-6-710/220T	950	2200	13680	840	230	-20	40
BH-6-800/400T	950	4000	19570	1070	340	-20	40
BH-6-900/1100T	980	11000	28740	1440	400	-20	40
BH-6-1000/1500T	980	15000	39450	1780	500	-20	40
BH-6-1120/3000T	985	30000	55660	2250	620	-20	40
BH-6-1250/4500T	990	45000	77780	2830	750	-20	40
BH-6-1400/7500T	990	75000	109300	3550	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
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BH 315	211	248	230	285	153	335	375	400	400	150	180	438	125	6xØ11,5	286	260
BH 355	236	277	255	318	163	345	425	400	400	180	180	458	135	6xØ14	312	286
BH 400	264	309	285	356	175	398	465	440	400	180	220	523	148	6xØ14	362	326
BH 450	296	352	319	404	189	412	512	440	460	180	220	550	162	6xØ14	397	361
BH 500	333	395	348	454	205	518	566	600	500	250	300	667	183	6xØ17	437	401
BH 560	375	442	392	508	224	667	645	700	550	250	420	828	207	6xØ17	482	446
BH 630	422	496	441	570	244	787	725	910	650	250	500	958	237	6xØ17	532	496
BH 710	469	550	490	633	266	910	775	1010	750	250	600	1104	260	6xØ17	582	546
BH 800	525	616	548	708	291	810	895	840	670	250	450	1014	295	6xØ17	642	606
BH 900	591	696	618	800	317	861	980	1000	745	300	520	1116	301	6xØ17	752	702
BH 1000	666	782	694	899	347	991	1130	1200	850	300	600	1266	341	6xØ22	832	782
BH 1120	750	879	781	1011	383	1126	1250	1350	950	300	700	1436	376	6xØ22	922	872
BH 1250	844	988	879	1137	423	1316	1390	1470	1050	300	800	1641	441	6xØ22	1022	972

Model	a2	e1	no x z1	b	b1	b2	e	no x z	no x ØW	d1	d2	d3	no x Ød
BH 315	224	130	-	242	216	180	108	-	8xØ10	227	297	265	8xØ11,5
BH 355	250	143	-	262	236	200	118	-	8xØ10	253	323	292	8xØ11,5
BH 400	280	163	-	286	260	224	130	-	8xØ10	283	363	332	8xØ11,5
BH 450	315	118	1x125	312	286	250	143	-	10xØ12	318	398	366	8xØ11,5
BH 500	355	138	1x125	362	326	280	163	-	10xØ12	358	438	405	8xØ11,5
BH 560	400	160,5	1x125	397	361	315	118	1x125	12xØ12	404	484	448	12xØ11,5
BH 630	450	60,5	3x125	437	401	355	138	1x125	18xØ12	454	534	497	12xØ11,5
BH 710	500	85,5	3x125	482	446	400	160,5	1x125	18xØ12	504	584	551	12xØ11,5
BH 800	560	115,5	3x125	532	496	450	60,5	3x125	20xØ12	564	664	629	16xØ14
BH 900	630	163,5	3x125	582	546	500	85,5	3x125	20xØ12	634	734	698	16xØ14
BH 1000	710	78,5	5x125	642	606	560	115,5	3x125	24xØ12	714	814	775	16xØ14
BH 1120	800	123,5	5x125	752	702	630	163,5	3x125	24xØ12	804	904	861	24xØ14
BH 1250	900	173,5	5x125	832	782	710	78,5	5x125	28xØ12	904	1004	958	24xØ14

\* - dimensions depending on type of motor

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

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