



## 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

Middle-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]
BM-2-315/110T	2880	1100	3370	1420	32	-20	40
BM-2-355/220T	2890	2200	4830	1810	45	-20	40
BM-2-400/300T	2890	3000	6860	2270	60	-20	40
BM-2-450/750T	2930	7500	9980	3000	80	-20	40
BM-2-500/1100T	2945	11000	13750	3730	120	-20	40
BM-4-450/75T	1440	750	4910	730	80	-20	40
BM-4-500/150T	1440	1500	6730	900	120	-20	40
BM-4-560/220T	1435	2200	9420	1100	145	-20	40
BM-4-630/400T	1440	4000	13450	1420	180	-20	40
BM-4-710/750T	1450	7500	19400	1830	240	-20	40
BM-4-800/1500T	1475	15000	28210	2400	345	-20	40
BM-4-900/3000T	1470	30000	40050	3010	450	-20	40
BM-4-1000/4500T	1480	45000	55300	3770	560	-20	40
BM-6-560/75T	935	750	6140	480	145	-20	40
BM-6-630/110T	925	1100	8640	590	180	-20	40
BM-6-710/220T	950	2200	12700	790	240	-20	40
BM-6-800/400T	960	4000	18360	1020	345	-20	40
BM-6-900/750T	975	7500	26550	1330	450	-20	40
BM-6-1000/1500T	980	15000	36600	1650	560	-20	40
BM-6-1120/2200T	980	22000	51430	2070	680	-20	40
BM-6-1250/3700T	985	37000	71860	2610	820	-20	40
BM-6-1400/7500T	990	75000	101500	3310	1000	-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
BM 315	211	248	230	285	165	337	375	370	350	150	180	472	137	6xØ11,5	286	260
BM 355	236	277	255	318	178	380	425	450	400	180	180	513	165	6xØ14	312	286
BM 400	264	309	285	356	194	426	465	470	400	180	220	579	176	6xØ14	362	326
BM 450	296	352	319	404	222	467	512	550	460	180	240	642	197	6xØ14	397	361
BM 500	333	395	348	454	244	587	566	550	500	250	320	772	226	6xØ17	437	401
BM 560	375	442	392	508	266	659	645	720	500	250	370	863	249	6xØ17	482	446
BM 630	422	496	441	570	291	755	725	915	600	250	420	974	285	6xØ17	532	496
BM 710	469	550	490	633	316	780	775	1000	600	250	420	1024	310	6xØ17	582	546
BM 800	525	616	548	708	346	790	895	850	670	250	380	1054	350	6xØ17	642	606
BM 900	591	696	618	800	382	896	980	900	743	300	420	1181	401	6xØ22	752	702
BM 1000	666	782	694	899	423	936	1130	1000	743	300	420	1261	441	6xØ22	832	782
BM 1120	750	879	781	1011	468	981	1250	1100	743	300	420	1351	486	6xØ22	922	872
BM 1250	844	988	879	1137	518	1031	1390	1240	900	300	420	1451	536	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
BM 315	224	130	-	286	260	224	130	-	8xØ10	253	323	292	8xØ11,5
BM 355	250	143	-	312	286	252	143	-	8xØ10	283	363	332	8xØ11,5
BM 400	280	163	-	362	326	282	163	-	10xØ12	318	398	366	8xØ11,5
BM 450	315	118	1x125	397	361	317	118	1x125	12xØ12	358	438	405	8xØ11,5
BM 500	355	138	1x125	437	401	357	138	1x125	12xØ12	404	484	448	12xØ11,5
BM 560	400	160,5	1x125	482	446	402	160,5	1x125	12xØ12	454	534	497	12xØ11,5
BM 630	450	60,5	3x125	532	496	452	60,5	3x125	20xØ12	504	584	551	12xØ11,5
BM 710	500	85,5	3x125	582	546	502	85,5	3x125	20xØ12	564	664	629	16xØ14
BM 800	560	115,5	3x125	642	606	562	115,5	3x125	20xØ12	634	734	698	16xØ14
BM 900	630	163,5	3x125	752	702	632	163,5	3x125	20xØ12	714	814	775	16xØ14
BM 1000	710	78,5	5x125	832	782	712	78,5	5x125	28xØ12	804	904	861	24xØ14
BM 1120	800	123,5	5x125	922	872	802	123,5	5x125	28xØ12	904	1004	958	24xØ14
BM 1250	900	173,5	5x125	1022	972	902	173,5	5x125	28xØ12	1005	1105	1067	24xØ14

\* - dimensions depending on type of motor

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

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