

Centrifugal fan with casing and impeller made from cast aluminium



different
housing
positions

- Cast aluminium casing
- Cast aluminium impeller
- Models 324, 325 and 426 with polyamide impeller, model 531-2T-3 with sheet steel impeller
- Max. airflow temperature: -20°C.+ 120°C, maximum +70°C for models with polyamide impeller
- Housing with anticorrosive finish

Motor

- Motor Iso Class F, protection IP55
- three phase norm motor 230/400V - 50Hz (up to 4 kW) and 400/690V - 50Hz (more than 4kW)

On demand

- Special windings for different voltages
- Cast aluminium impellers for models 324, 325 and 426
- max temperatur air up to 250°C
- Category 2 G or D ATEX certification CE mark Ex II 2 G/D Eex E or D.
- Inlet and round outlet flanges, inlet protection grid
- Silencer, shaft sealing, speed control
- damper / throttle
- Flexible flanges, motor with other frequencies, other voltage

Technical details

	speed rpm	230 V A	400V A	Motor- leistung KW	Volume air flow m³/hr	Schall- pegel dB(A)	inlet mm	outlet mm	Schutzgitter- model RP A
DCMA-218-2T/M	2920	0,61	0,35	0,12	265	63	B-80	B-63	11
DCMA-324-2T/M	2850	0,97	0,56	0,18	440	70	B-80	B-63	13
DCMA-325-2T/M	2780	1,64	0,95	0,25	600	73	B-100	B-80	15
DCMA-426-2T/M	2765	1,52	0,88	0,37	850	75	B-112	B-100	15
DCMA-527-2T/M	2800	2,00	1,2	0,55	1000	80	B-125	B-100	17
DCMA-528-2T/M-1	2780	2,95	1,7	0,75	1250	82	B-125	B-125	18
DCMA-528-2T/M-1,5	2850	4,32	2,5	1,1	1750	83	B-125	B-125	18
DCMA-531-2T/M-1,5	2880	4,32	2,5	1,1	1790	84	B-150	B-150	20
DCMA-531-2T/M-2	2850	5,54	3,2	1,5	2000	85	B-150	B-150	20
DCMA-531-2T/M-3	2800	7,80	4,5	2,2	2400	86	B-150	B-150	20
DCMA-540-2T	2890		3,2	1,5	2600	85	B-180	B-150	23
DCMA-545-2T-3	2840		4,5	2,2	2630	86	B-180	B-180	25
DCMA-545-2T-4	2880		5,9	3	3550	88	B-180	B-180	25

Model design code:

2T = 2800 rpm / 3~ 400 Volt 50 Hz

2M = 2800 rpm / single phase 230V 50 Hz

e.g. pipe connection model code B 180 adapted for 180mm folded spiral seam pipe



Air volume flow [m³/h] depending on static pressure [Pa]:

	100	300	500	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3400	3800	4000
218	220	170	100															
324	400	370	320	250	180	115	25											
325	550	480	420	330	275	210	0											
426	790	690	590	450	350	260	160											
527	950	880	815	700	610	500	380	230										
528-1	*	1200	1100	970	830	680	520	340	0									
528-1,5	1700	1600	1550	1390	1280	1140	970	750	230									
531-1,5	*	*	*	*	1700	1550	1400	1180	840	100								
531-2	*	*	1900	1780	1680	1570	1420	1250	1010	700	0							
531-3	*	*	*	*	2350	2150	1980	1770	1530	1250	950	680	440	140				
540	2550	2500	2440	2330	2270	2180	2100	1980	1840	1690	1480	1240	1010	750	470			
545-3	*	*	*	*	*	*	*	*	*	*	*	2530	2380	2250	2090	1800	1130	
545-4	3500	3450	3380	3280	3230	3150	3070	2980	2880	2800	2700	2590	2480	2300	2230	1950	1510	1240

Example:

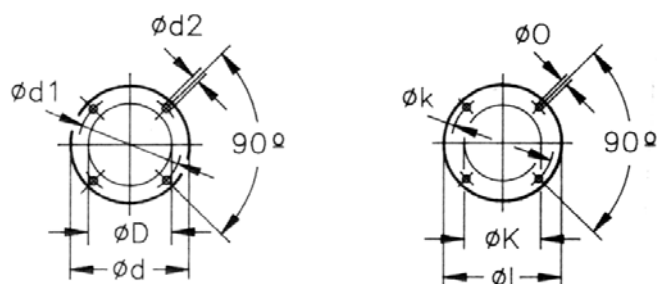
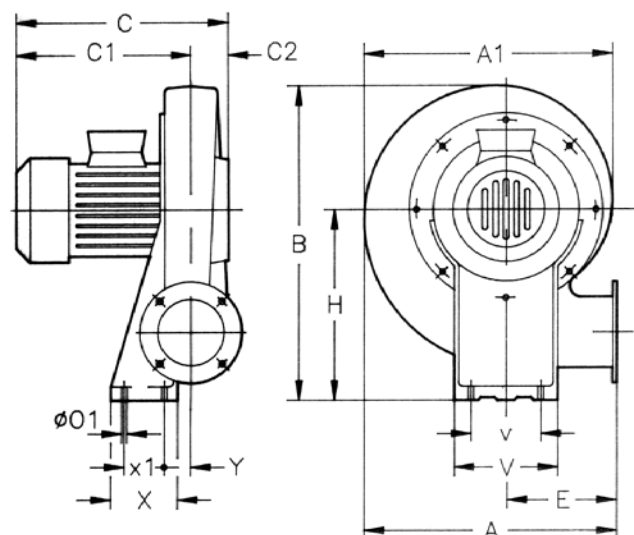
resistance in duct system / static pressure 2400 Pa (Pascal)

wanted air capacity e.g.. 1.200 m³/hr -----> model code 540

Attention please: here * the fan cannot work

Dimensions [mm]:

	A	A1	B	C	H
DCMA-218	241	236	288	232	170
DCMA-324	311	302	356	264	205
DCMA-325	335	328	399	284	235
DCMA-426	354	344	412	295	240
DCMA-527	371	361	440	303	260
DCMA-528	401	395	488	352	290
DCMA-531	440	434	537	364	320
DCMA-540	567	580	680	459	400
DCMA-545	651	646	776	483	450



Ask for accessories

