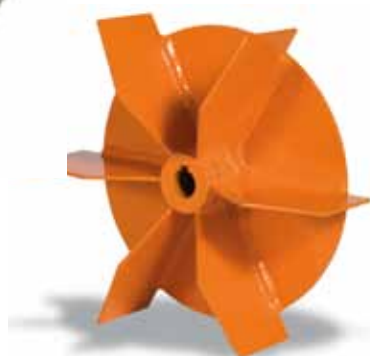


Centrifugal single-inlet fans with casing and straight-blade self cleaning impeller made from sheet steel to transport dust and solids.



- Steel sheet casing
- Sheet steel straight-blade impeller



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)

- Housing with anticorrosive finish
- Max. air flow temperature: 120° C

On demand

- Special windings for different voltages
- 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
- speed control
- housing and wheel made from stainless steel

Technical details

Model	rpm	400 V A	Leistung kW	Volume air flow m³/hr	soundlevel dB(A)	inlet-seite B	outlet [mm]	inletschutz RPA
DCMT-922-2T	2900	2,55	1,1	2180	71	B-180	140 x 215	23
DCMT-1025-2T	2900	3,2	1,5	2850	74	B-200	165 x 250	25
DCMT-1128-2T	2900	4,5	2,2	4500	76	B-224	180 x 296	28
DCMT-1231-2T-4	2900	5,9	3	5220	78	B-250/1	200 x 320	31
DCMT-1231-2T-5,5	2900	7,6	4	6300	79	B-250/1	200 x 320	31
DCMT-1435-2T-7,5	2930	11,2	5,5	7800	85	B-280/1	228 x 280	35
DCMT-1435-2T-10	2900	14,6	7,5	8260	87	B-280/1	228 x 280	35
DCMT-1640-2T-7,5	2950	11,2	5,5	5600	88	B-280/1	250 x 321	35
DCMT-1640-2T-10	2950	14,6	7,5	9600	90	B-280/1	250 x 321	35
DCMT-1845-2T-10	2900	14,6	7,5	5000	89	B-355/3	284 x 361	42
DCMT-1845-2T-15	2900	21	11	10500	91	B-355/3	284 x 361	42
DCMT-1845-2T-20	2900	28,2	15	13000	94	B-355/3	284 x 361	42
DCMT-2050-2T-25	2900	34	18,5	8500	98	B-400/3	315 x 451	47
DCMT-2050-2T-30	2900	40,5	22	13600	99	B-400/3	315 x 451	47

Model design code:

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

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

Adapter from angled outlet to round tubes are available



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

DCMT	100	300	500	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3800	4000
922-2T	2000	1800	1500	780															
1025-2T	2700	2400	2100	1600	1000	270													
1128-2T	4300	4050	3700	2780	2200	1700	1266	970											
1231-2T-4	*	*	5100	4380	3900	3330	2740	2200	1670	0									
1231-2T-5,5	6100	5840	5400	4380	3900	3330	2740	2200	1670	0									
1435-2T-7,5	*	*	*	7700	7180	6580	5800	5100	4420	3870	3300	2700	1800						
1435-2T-10	*	8140	8000	7750	7560	6670	5350	4800	4400	3870	3300	2700	1800						
1640-2T-7,5	*	*	*	*	*	*	*	*	*	*	5090	4600	4100	3450	2500				
1640-2T-10	*	*	*	9200	8770	8330	7890	7400	6850	6360	5800	5200	4600	3960	2970				
1845-2T-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4900	4300	2600	1160
1845-2T-15	*	*	*	*	*	*	*	*	*	*	10400	9840	9280	8490	7750	6620	5570	3080	1400
1845-2T-20	*	*	*	*	*	*	*	12500	12000	11500	10800	9840	9280	8490	7750	6620	5570	3080	1400
2050-2T-25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	S.U.
2050-2T-30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	S.U.

Example:

resistance in duct system / static pressure 2200 Pa (Pascal)

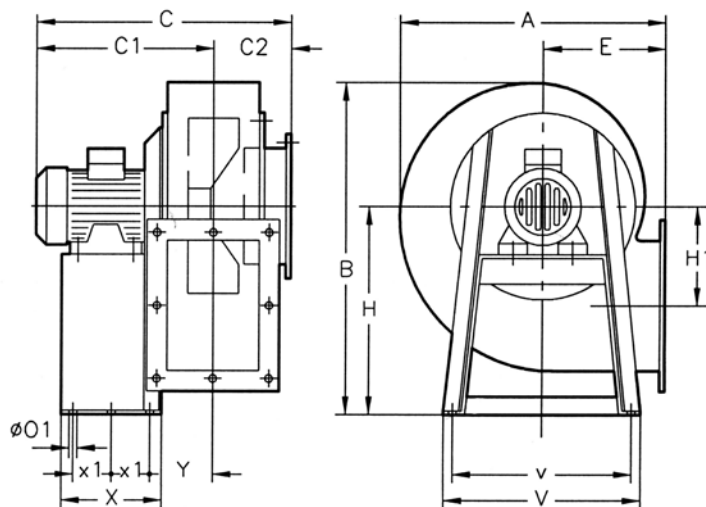
wanted air capacity e.g.. 10.400 m³/hr -> model code 1845-20 (not15)

Attention please: here * the fan cannot work

S.U.--> see: www.dasslerventilatoren.info/dcmt.pdf

Dimensions [mm]:

DCMT	A	B	C	H1	H
922-2T	388	455	416	134	280
1025-2T	427	503	490	144	310
1128-2T	472	553	505	144	340
1231-2T	526	630	578	180	390
1435-2T	574	715	649	242	445
1640-2T	634	799	673	271	495
1845-2T	711	901	817	305	560
2050-2T	797	987	979	3313	610



Ask for accessories

