



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



- Steel sheet casing
- Sheet steel straight-blade impeller
- Housing with anticorrosive finish
- Max. air flow temperature: 120° C

Motor

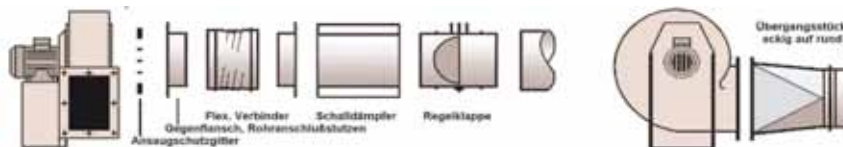
- Motor Iso Class F, protection IP55
- three phase norm motor
230/400V - 50Hz (up to 4 kW) and
400/690V - 50Hz (more than 4kW)

On demand

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



stabile Motorhalterung



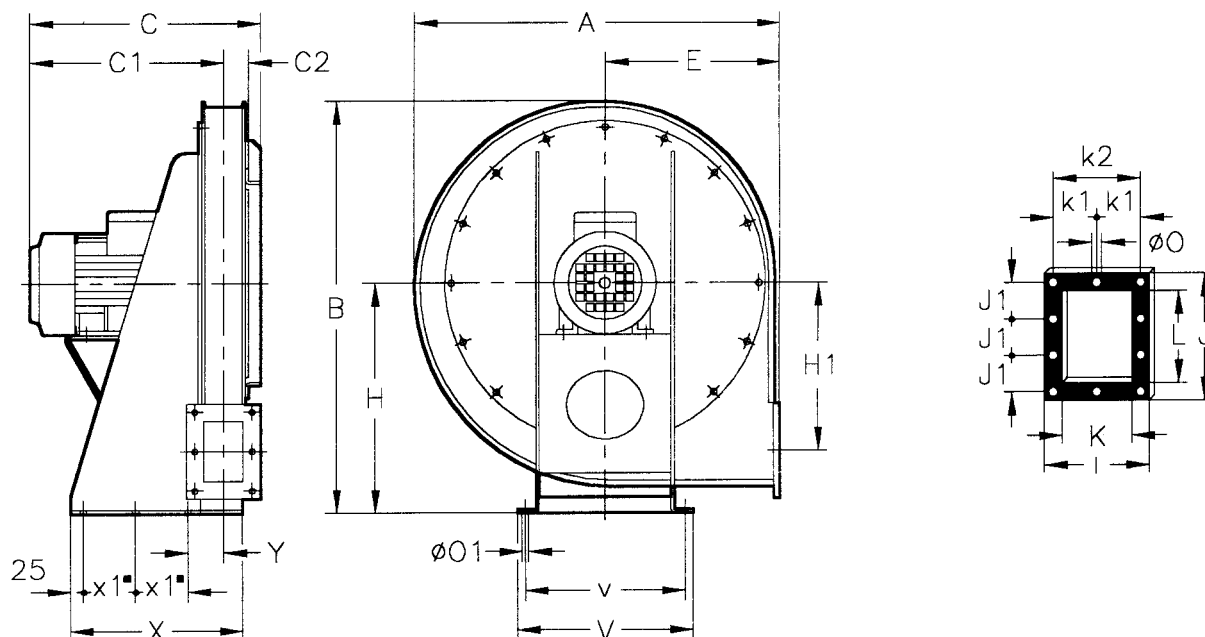
Technical details

Model	speed rpm	230V A	400V A	690V A	Motor kW	volume air flow max. m³/hr	soundlevel dB(A)	stat. Druck Pa
DCAST-242-2T-0,5	2740	1,92	1,11		0,37	350	70	1400-2400
DCAST-248-2T-1	2855	3	1,73		0,75	200	73	3100-3500
DCAST-248-2T-1,5	2845	4,16	2,4		1,1	600	76	2200-3400
DCAST-254-2T-1,5	2845	4,16	2,4		1,1	400	75	3700-4300
DCAST-254-2T-2	2860	5,63	3,25		1,5	600	77	3400-4300
DCAST-254-2T-3	2880	7,97	4,6		2,2	800	79	3100-4300
DCAST-260-2T-2	2860	5,63	3,25		1,5	400	81	4900-5400
DCAST-260-2T-3	2880	7,97	4,6		2,2	550	83	4800-5400
DCAST-463-2T-5,5	2900	13,34	7,7		4	700	82	6400-7200
DCAST-463-2T-7,5	2855		10,5	6,1	5,5	1460	83	5800-7100
DCAST-467-2T-7,5	2855		10,5	6,1	5,5	1050	84	7100-8100
DCAST-467-2T-10	2855		13,9	8	7,5	1840	85	6100-8000
DCAST-571-2T-10	2855		13,9	8	7,5	1250	86	7900-9000
DCAST-571-2T-15	2930		20	11,5	11	2700	87	5300-8800
DCAST-640-2T-2	2860	5,63	3,25		1,5	1260	81	2200-2600
DCAST-645-2T-3	2880	7,97	4,6		2,2	1400	82	2500-3000
DCAST-645-2T-4	2895	10,57	6,1		3	2420	83	1900-3000
DCAST-650-2T-5,5	2900	13,34	7,7		4	1700	84	3700-4300
DCAST-650-2T-7,5	2855		10,5	6,1	5,5	3060	85	3100-4300
DCAST-852-2T-7,5	2855		10,5	6,1	5,5	1800	87	5000-5200
DCAST-852-2T-10	2855		13,9	8	7,5	3100	88	4800-5200
DCAST-856-2T-15	2930		20	11,5	11	4800	85	5500-6300
DCAST-863-2T-15	2930		20	11,5	11	2850	85	6800-7300
DCAST-863-2T-20	2920		26,5	15,3	15	4500	86	6600-7300
DCAST-971-2T-25	2920		32	18,5	18,5	2800	90	9300-9600
DCAST-971-2T-30	2930		39	22,5	22	4000	91	9200-9600
DCAST-971-2T-40	2955		53	30,6	30	7000	92	8700-9600
DCAST-1250-2T-20	2920		26,5	15,3	15	8400	97	3700-4300
DCAST-1456-2T-30	2930		39	22,5	22	10800	88	4200-4800

Adapter from angled outlet to round tubes are available



Dimensions [mm]: (Model DCAS and Model DCAST)



DCAS and DCAST	A	B	C	inlet mm	outlet* K x L mm
242	576	662	310	B 100 E	60x95
248	639	728	340	B 112	66x105
254	699	788	365	B 125	75x115
260	782	875	419	B 150	85x125
463	782	875	459	B 200	85x125
467	833	945	530	B 224	90x130
571	873	995	671	B 250 1	95x145
640	639	728	446	B 250 1	125x200
645	699	788	491	B 250 1	140x224
650	782	875	572	B 250 1	160x250
852	833	945	603	B 280 1	180x280
856	833	945	708	B 355 3	180x280
863	873	995	728	B 355 1	200x315
971	1012	1170	948	B 400 3	224x355
1250	850	1040	790	B 355 4	224x315
1456	955	1165	806	B 400 4	250x355
1663	955	1170	881	B 560 3	250x355

z.B. Flange Model B 250 → adapted for tube of 250 mm diameter

*Adapter for round tubes are available

