



Application

Axial duct fans with increased static pressure. Suitable for pumping medium with temperature from -15oC to +50oC. Other temperature ranges on request. The fans are characterized by high efficiency and small size. Fans used for installation in industrial ventilation systems, e.g. in production plants, workshops, machine rooms and warehouses.

Construction

Steel fan housing covered with polyester using the oven method (hot-dip galvanized or stainless steel on request). Fan impeller blades made of high-quality carbon fiber reinforced plastic, aluminum hub (models OFK-250; OFK-500), model OFK-560 powder-coated steel impeller. Motors with protection class IP55 were used, adapted to speed control:

In the case of high-speed fans (2800 rpm), it is recommended to control them with a frequency converter (SX,SXE).

Technical data:

Typ	Efficiency MAX	Pressure MAX	Efficiency nominal	Pressure nominal	Input power	Highest speed	Noise*	Rated Current **		Weight
								1x230V	3x400V	
								[m3/h]	[Pa]	
OFK- 250/2	2300	150	1900	100	0,25	2800	61	1,65	1	11
OFK- 315/2A	3600	225	3400	150	0,37	2800	69	2,46	1,2	16
OFK- 315/2B	4300	230	3950	175	0,75	2800	72	4,5	1,7	16
OFK- 355/2A	4800	250	4400	200	0,55	2800	74	3,6	1,4	18
OFK- 355/2B	6300	280	5500	270	1,1	2800	75	7,6	2,5	22
OFK 400/2A	7200	420	5000	250	1,5	2800	79	9,1	3,3	26
OFK- 400/2B	10100	425	8000	280	2,2	2800	80	-	4,6	28
OFK- 450/2A	12250	525	9000	350	2,2	2800	82	-	4,6	31
OFK- 450/2B	14350	640	10500	400	4	2800	86	-	7,8	44
OFK- 500/2A	15500	680	11000	450	3,0	2800	84	-	6	41
OFK- 560/2A	15500	800	12000	430	4,0	2800	87	-	8,1	58
OFK- 560/2B	20500	880	15200	500	5,50	2800	86	-	10,5	61
OFK- 560/2C	27000	970	18000	615	7,5	2800	88	-	14,5	65

**Guide values, may change the application depending on the motor used *Measurement at a distance of 4m
Rated currents are given on the rating plate and in the operating instructions.

Dimensions:

Typ	Dimensions			
	ØD	ØD2	L	n x Ød
	[mm]	[mm]	[mm]	[mm]
OFK-250	250	275	350	4 x 9,5
OFK-315	315	352	350	8 x 9,5
OFK-355	355	392	350	8 x 9,5
OFK-400	400	438	440	8 x 9,5
OFK-450	450	488	440	8 x 9,5
OFK-500	500	538	450	8 x 9,5
OFK-560	560	600	550	12 x 9,5

