



PFD-200/4



PFD-450/4



PFD-560/4



Dimensions:

Type	Dimensions				
	ØD [mm]	ØD1 [mm]	ØA [mm]	B [mm]	n x Ød [mm]
PFD-140	140	165	440	430	4x7
PFD-160	160	185	440	450	4x7
PFD-160/4	160	185	630	640	4x7
PFD-180	180	205	630	520	4x7
PFD-180/2	180	205	630	520	4x7
PFD-200	200	225	630	640	4x9,5
PFD-250	250	275	630	640	4x9,5
PFD-315	315	352	630	640	8x9,5
PFD-355	355	392	730	640	8x9,5
PFD-400	400	438	820	750	8x9,5
PFD-450	450	488	920	750	8x9,5
PFD-500	500	538	920	750	8x9,5
PFD-560	560	600	970	970	12x9,5
PFD-630	630	670	964	960	12x9,6

Application

Fans intended for installation on the roof of the building. The engine is in a separate compartment. The fan in execution with motor with IP55 protection, suitable for continuous operation and speed regulation. 1-phase motors - voltage regulation, 3-phase motors - frequency converter regulation. Permissible temperature of the pumped medium from -25OC to +60OC. Permissible ambient temperature up to +40OC. Other temperature ranges available on request.

Construction

The fan housing is made of steel sheet painted with polyester using the oven method. Steel impeller painted with polyester using the oven method. Single or three-phase asynchronous motor. In the case of high-speed fans (2800 rpm), it is recommended to control them with a frequency converter (SX,SXE).

Technical data:

Type	Efficiency MAX [m3/h]	Efficiency nominal [m3/h]	Pressure nominal [Pa]	Input power [kW]	Highest speed [obr./min]	Rated Current **		Noise* [dB(A)]	Weight [kg]
						1x230V [A]	3x400V [A]		
PFD-160/4	1300	1100	75	0,12	1400	0,85	0,49	58	23
PFD-200/4	1900	1440	100	0,18	1400	1,5	0,63	60	33
PFD-250/4	2400	1800	120	0,25	1400	2,4	0,71	61	34
PFD-315/4	3640	2520	180	0,37	1400	2,9	0,98	67	36
PFD-315/4D	4950	4300	200	0,55	1400	4,2	1,5	71	36
PFD-355/4	7560	5700	325	0,75	1400	4,9	1,9	69	60
PFD-400/4	9900	6600	375	1,1	1400	7,2	2,7	72	90
PFD-450/4	11700	8100	450	1,5	1400	9,3	3,4	77	115
PFD-500/4	15370	10800	610	2,2	1400	-	4,8	82	120
PFD-500/4D	19440	11700	680	3	1400	-	6,5	82	121
PFD-560/4	21600	18000	530	4	1400	-	8,1	82	156
PFD-560/4D	27720	19800	790	5,5	1400	-	10,9	82	161
PFD-630/4	36000	21000	900	7,5	1400	-	14,4	87	167
PFD-315/6D	3200	2700	100	0,25	900	-	0,85	48	36
PFD-355/6	4780	3670	135	0,25	900	-	0,85	53	59
PFD-400/6	6360	4260	156	0,37	900	-	1,2	58	90
PFD-450/6	7520	5220	187	0,55	900	-	1,65	62	115
PFD-500/6	9880	6840	254	0,75	900	-	2,1	66	119
PFD-560/6	20520	14400	280	1,5	900	-	3,8	76	144
PFD-140/2	680	500	200	0,12	2800	1	0,36	58	14
PFD-160/2	1250	900	250	0,18	2800	1,4	0,62	60	15
PFD-160/2D	2000	1300	350	0,25	2800	2	0,85	68	16
PFD-180/2	2500	1800	450	0,55	2800	3,15	1,4	75	26
PFD-200/2	3600	2300	520	1,1	2800	6,9	2,43	80	34
PFD-250/2	5000	2700	670	1,5	2800	9,4	3,3	87	37
PFD-315/2	9900	5600	950	2,2	2800	-	4,6	89	45

**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.





