

### Application

A family of acid-resistant roof fans. They are used wherever there is a possibility of polluting the conveyed air with corrosive substances, etc. The fans are equipped with motors with IP55 protection, adapted to continuous operation and speed control. 1-phase motors - voltage regulation, 3-phase motors - frequency converter regulation. Permissible temperature of the pumped medium up to +60OC. Permissible ambient temperature up to +40OC. Other temperature ranges available on request.

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

### Construction

Bottom plate with inlet - stainless steel, top plate - stainless steel, brackets - stainless steel, radial impeller - stainless steel, three-phase or single-phase electric motor, connecting elements - stainless steel. Motor cover (fan hat) - powder coated steel.

### Technical data:

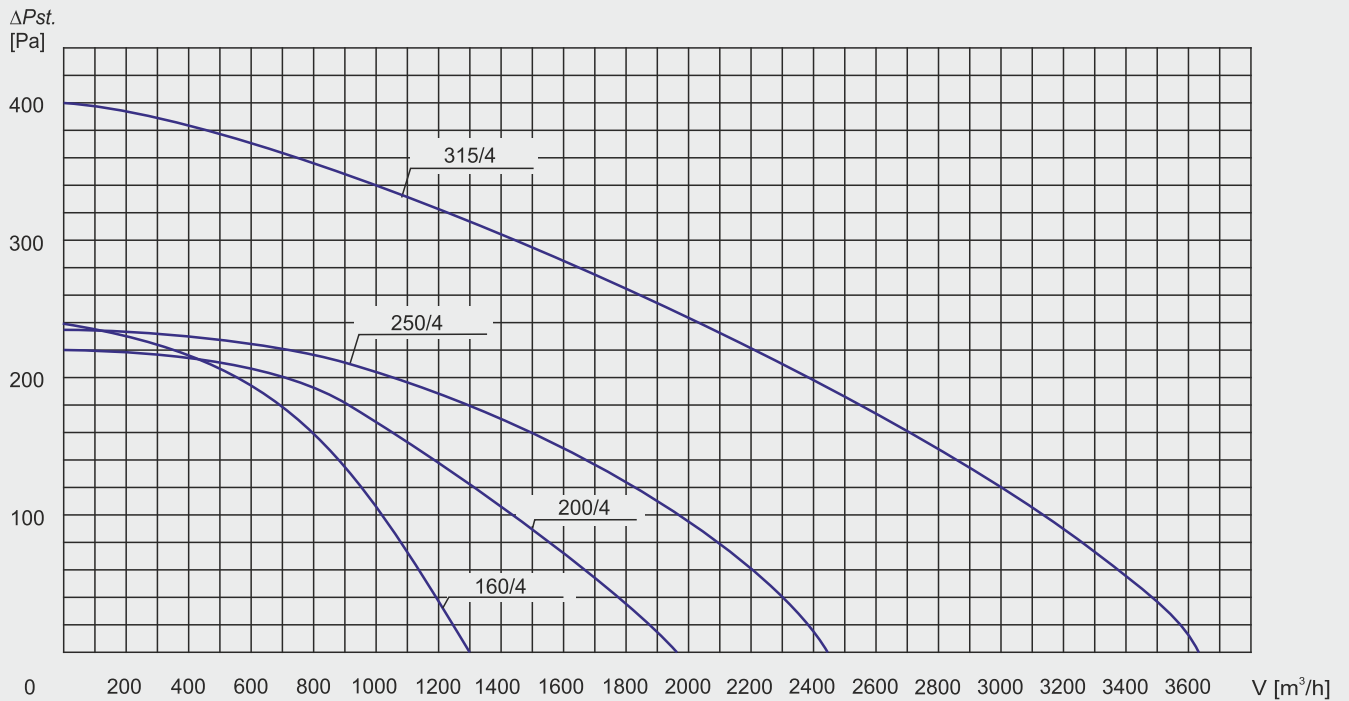
Typ	Efficiency MAX	Efficiency nominal	Nominal pressure	Input power	Highest speed	Rated Current **		Noise*	Weight
	[m3/h]	[m3/h]	[Pa]	[kW]	[obr./min]	1x230V [A]	3x400V [A]		
PFD OH-160/4	1300	1100	75	0,12	1400	0,85	0,49	58	23
PFD OH-200/4	1900	1440	100	0,18	1400	1,5	0,63	60	33
PFD OH-250/4	2400	1800	120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

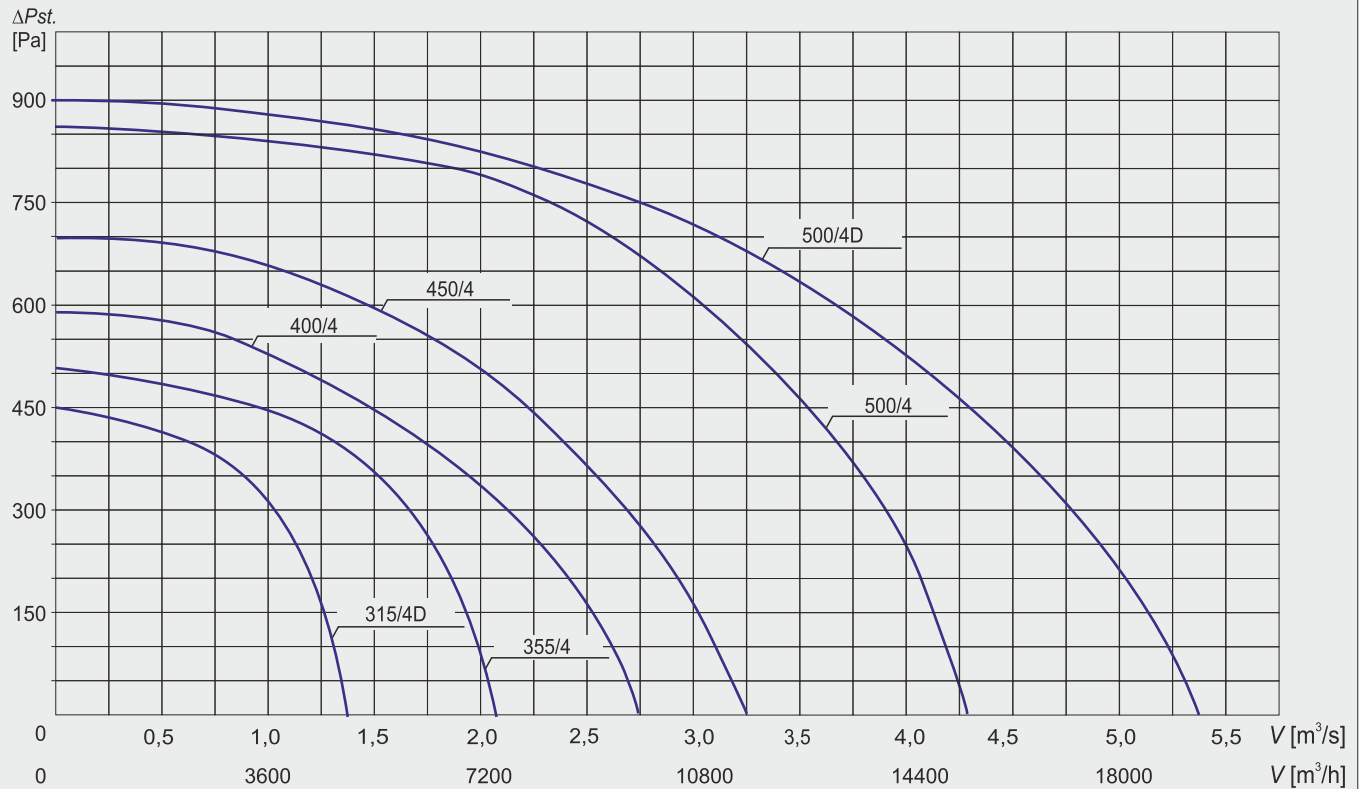
### Dimensions:

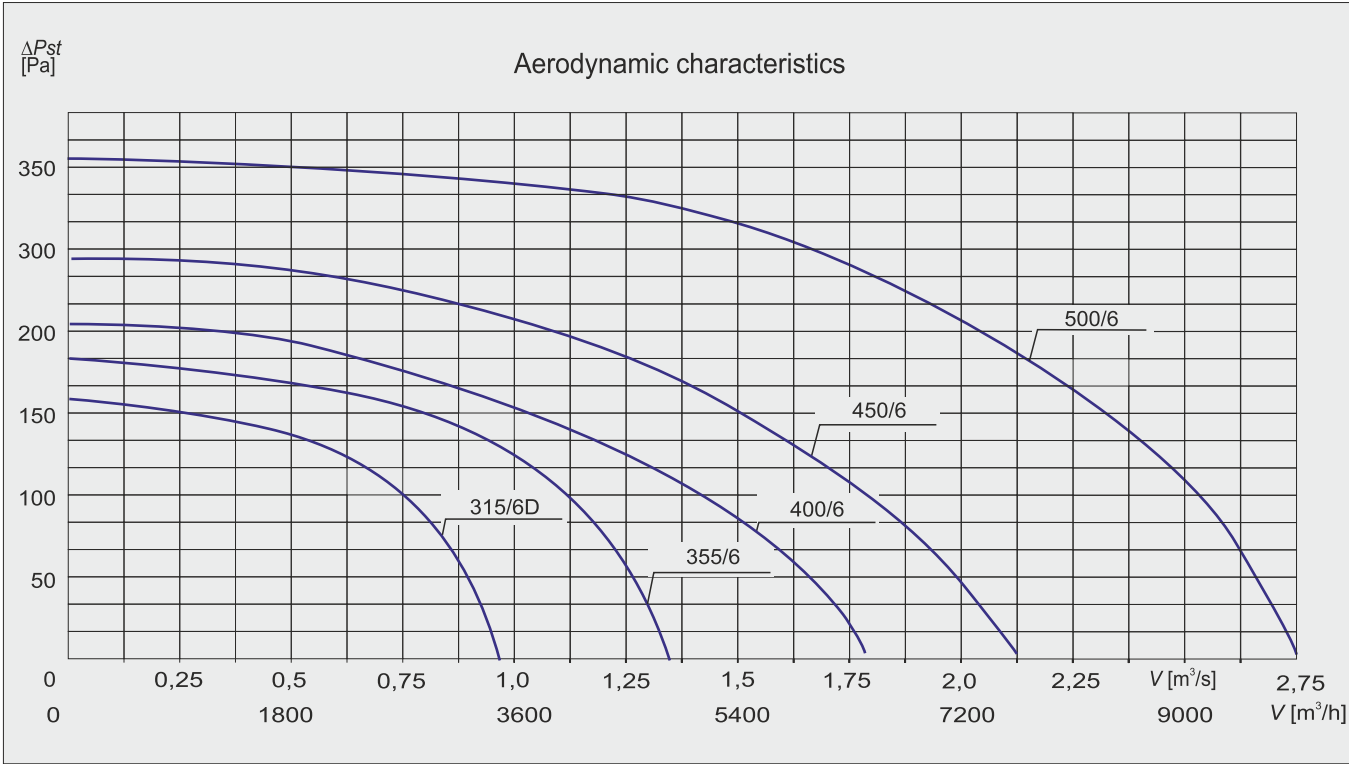
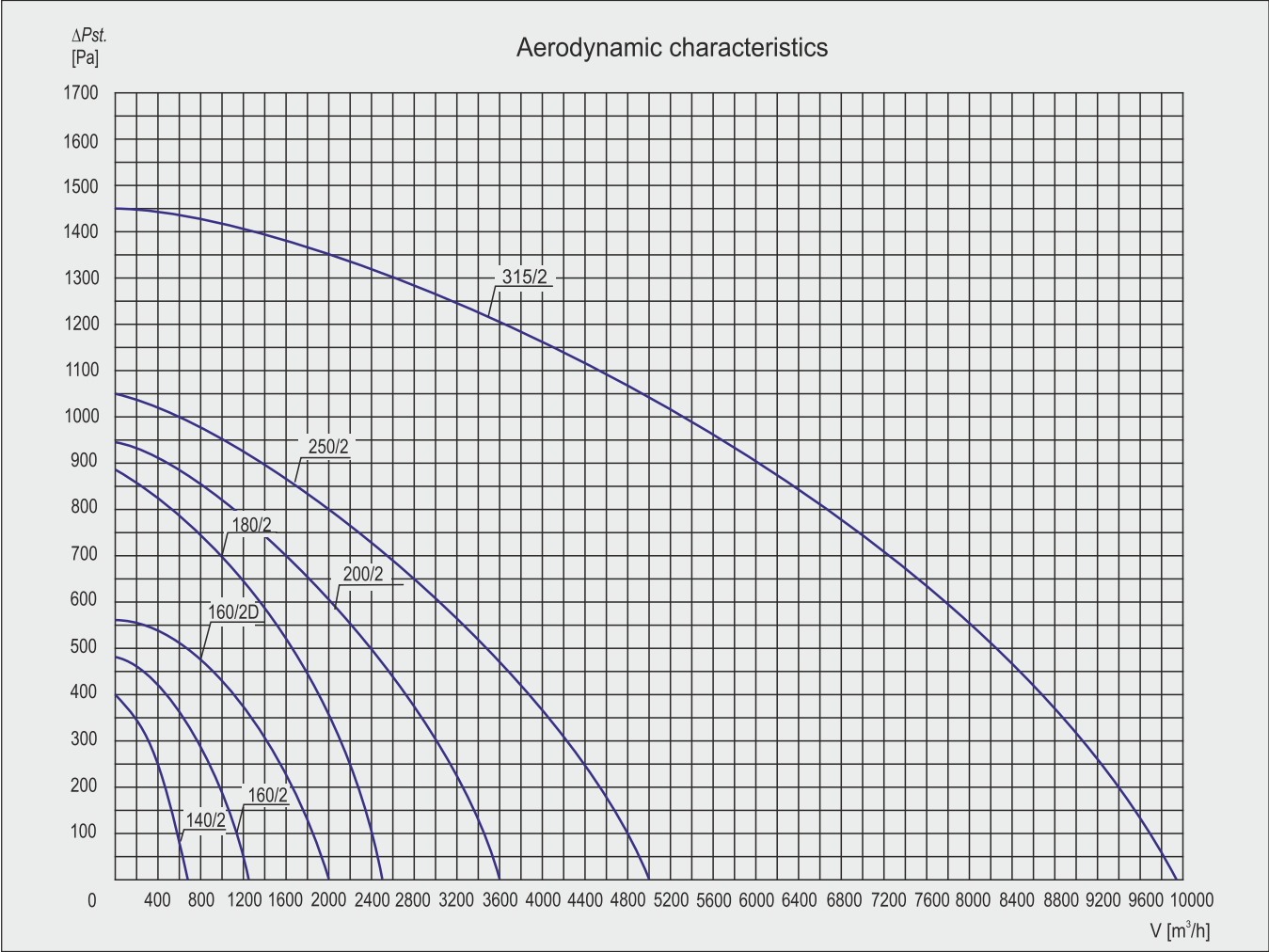
Typ	Dimensions				
	ØD [mm]	ØD1 [mm]	ØA [mm]	B [mm]	n x Ød [mm]
PFD OH-140	140	165	440	430	4x7
PFD OH-160	160	185	440	450	4X7
PFD OH-160/4	160	185	630	640	4x7
PFD OH-180	180	205	630	520	4x7
PFD OH-200	200	225	630	640	4x9,5
PFD OH-250	250	275	630	640	4x9,5
PFD OH-315	315	352	630	640	8x9,5
PFD OH-355	355	392	730	640	8x9,5
PFD OH-400	400	438	730	750	8x9,5
PFD OH-450	450	488	1000	750	8x9,5
PFD OH-500	500	538	1000	750	8x9,5
PFD OH-560	560	600	970	970	12x9,5
PFD OH-630	630	670	964	960	12x9,6

Aerodynamic characteristics



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