

## PV Serisi Aksiyal Fan

### PV Series Axial Fan



#### Kapasite:

250.000m<sup>3</sup>/h maksimum debi.  
Ø250- Ø2000mm çap aralığına sahip.  
ATEX sertifikalı exproof belgeli opsiyonlu.

#### Uygulama Alanları:

Merdiven basınçlandırma, asansör basınçlandırma, ortam egzozu uygulamalarında. Fabrikalar, üretim prosesleri, tesis havalandırması gibi endüstriyel ortamlarda. Gemi, off-shore platformlar gibi zorlu koşullarda çalışmak için tasarlanmıştır.

#### Malzeme:

Fan gövdesi karbon çelik malzemeden imal edilir, Elektrostatik toz boyalı veya daldırma galvaniz kaplamalı opsiyonludur. Fan gövdeleri kendinden flanşlı üretilmektedir. Aerodinamik yapısıyla yüksek verimlilik sağlar. Ayarlanabilir açılı veya kaynaklı olarak iki tipte üretilir. Kanatlar alüminyum veya Polipropilen malzemeden üretilmektedir.

#### Özellikler:

300 °C sıcaklığa kadar dayanım  
Direkt Akuple ve Kayış Kasnaklı tahrik seçenekleri mevcut.  
IE3 / IE4 sınıfı enerji verimli motor.  
Duvar tipi fanlar kare çerçevesi veya kısa kovanlı üretilir.  
Kanal tipi fanlar uzun kovanlıdır.

#### Capacity:

250.000m<sup>3</sup>/h max air flow  
Diameter Range between Ø250mm- Ø2000mm.  
ATEX Certified explosion-proof option.

#### Applications:

Designed for fresh air fan for lift rooms, Pressurization fans for staircases. Exhaust air fan or Supply air fan for industrial processes and factories. Suitable for use in Off-Shore facilities or Ships. Cement Factories, Iron and steel industry, Power plants, Glass and Ceramic production, Mining Facilities, Tunnel constructions, Food Facilities, Waste treatment plants, Stadiums.

#### Material:

Fan case is made from C-Steel. Electrostatic painted or hot-dip galvanised. The fan flanges are manufactured by bending the body so they are self-flanged.  
Aerodynamic fan blades are made of Aluminum or Polypropylene material with adjustable or welded type options.

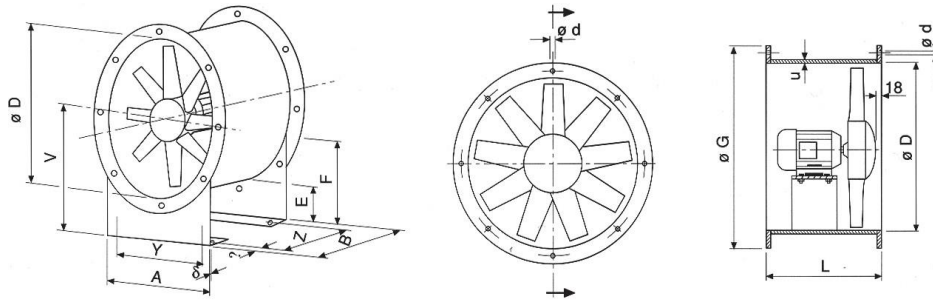
#### Specifications:

Max. Operating temperature up to 300 °C  
Direct Driven or Belt driven  
IE3 / IE4 class energy efficient motors.



### Ebatlar

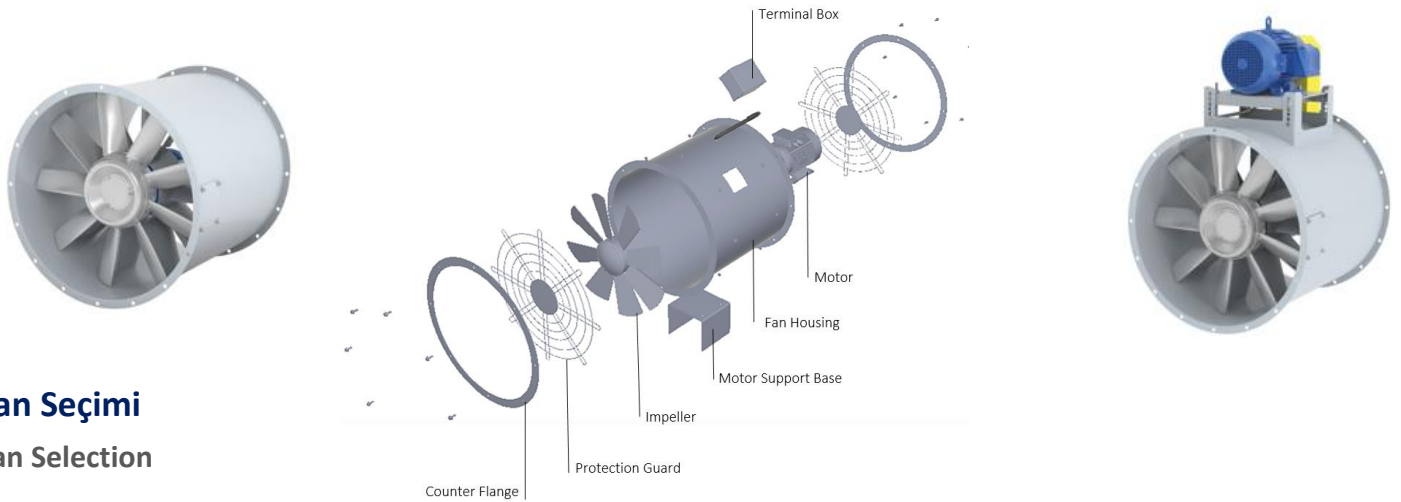
### Dimensions



Type	Size	Dimensions in mm													Weight (Kg)		
		øD	A	B	E	F	V	§	Y	Z	øG	L	Ex-Proof (L)	u	Number ød x Pcs.	Min.	Max.
PV	250	250	220	330	60	126	187	3	180	284	338	340		3	11.5(M10)x8	18	22
PV	315	315	300	330	60	156	227	3	260	284	418	340	440	3	11.5(M10)x8	22	26
PV	355	355	320	405	60	158	239	3	280	359	443	415	500	3	11.5(M10)x8	24	36
PV	400	400	360	455	65	177	267	3	310	413	488	465	550	3	11.5(M10)x8	28	58
PV	450	450	400	495	67	189	294	4	330	451	538	505	600	3	11.5(M10)x8	34	84
PV	500	500	440	534	70	200	322	4	370	476	580	540	640	3	11.5(M10)x8	36	89
PV	560	560	490	639	76	222	358	4	410	581	640	645	770	3	11.5(M10)x8	47	137
PV	630	630	540	464	81	233	399	4	460	406	710	470	510	3	11.5(M10)x8	46	68
PV	670	670	570	494	86	246	424	5	490	434	750	500	640	3	11.5(M10)x8	53	83
PV	710	710	600	492	91	255	449	5	520	432	790	500	640	4	11.5(M10)x8	71	95
PV	800	800	670	512	96	276	499	5	590	452	880	520	650	4	13.5(M12)x8	87	128
PV	900	900	740	580	115	310	568	5	660	520	1012	600	770	5	15.5(M14)x8	147	188
PV	1000	1000	800	700	120	327	583	8	720	634	1062	720	830	5	15.5(M14)x8	213	274
PV	1000	1000	800	700	120	336	608	8	720	634	1082	720	830	5	15.5(M14)x8	215	329

### Fan Seçimi

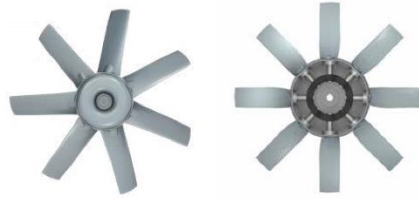
### Fan Selection



Type	Size	Motor Power (kW - Hp)	Motor Size	Current (A)	Sound Level (dB @ 1m)	Pressure (Ps) in 3000rpm											
						0	10	20	30	40	50	60	70	80	90	100	
PV	250	0.55-0.75	71 M	1,05	83/94	2250	1870	870									
PV	315	0.55-0.75	71 M	1,05	85/94	3500	2790	2200	1500								
PV	355	1.1-1.5	80 M	2,55	85/94	4800	4300	3550	2500	1400							
PV	355	1.5-2.0	90 S	3,4	89/91	6350	6040	5600	4600	2630	1880	1440					
PV	400	1.5-2.0	90 S	3,4	89/91	8500	8350	7600	6400	5000	3850	2860	2150				
PV	400	4.0-5.5	112 M	8,2	94/97		10950	10650	10100	9220	7800	4200	3300	2550			
PV	450	7.5-10	132 S	15,6	97/99			11800	11300	10550	9500	5000	4000	3250			
PV	500	7.5-10	132 S	15,6	97/99				12220	12510	11500	9000	5740	4510	3630	2780	
PV	500	11-15	160 M	22,5	98/100					14300	13550	12500	9200	6300	5030	4310	

Fan Seçimi

Fan Selection



Type	Size	Motor Power (kW - Hp)	Motor Size	Current (A)	Sound Level (dbA @1m)	Pressure (Ps) in 1500rpm										
						0	2,5	5	7,5	10	12,5	15	17,5	20	22,5	25
PV	400	0.25-0.33	71M	0,79	72/74	5400	5200	4750	4100	3400	2550	1920				
PV	400	0.55-0.75	80 M	1,65	72/75	5880	5650	5200	4700	4000	3270	2480				
PV	450	0.37-0.55	71M	1,25	72/75	6270	6220	6000	5650	5130	4270	3400	2200			
PV	450	0.55-0.75	80 M	1,65	73/76	7800	7650	7400	7070	6550	5550	3810	2720	1800		
PV	500	0.55-0.75	80 M	1,65	74/75	8320	8180	7980	7650	7240	6570	5100	3250	2300	1580	
PV	500	0.75-1.0	80M	2,1	76/79	9110	8850	8550	8220	7880	7400	6650	4210	2870	1970	
PV	500	1.1-1.5	90S	2,9	78/80	10230	10020	9800	9550	9150	8670	8100	7350	5750	3030	2000

Type	Size	Motor Power (kW - Hp)	Motor Size	Current (A)	Sound Level (dbA @1m)	Pressure (Ps) in 1500rpm										
						0	5,0	10	15	20	25	30	35	40	50	60
PV	560	0.55-0.75	80 M	1,66	77/81	5400	4900	4500	4000	3300	2900					
PV	560	0.75-1.0	80M	2,1	77/81	9450	9000	9200	7200	5650	3930					
PV	560	1.1-1.5	90S	2,8	78/82	12350	11900	11200	10150	8000	3900	2900				
PV	560	1.5-2.0	90L	3,7	80/34	13100	12100	12050	12000	11700	9600	2900				
PV	630	0.75-1.0	80M	2,1	80/83	9900	9600	9100	8800	7270	6700					
PV	630	1.1-1.5	90S	2,8	80/83	12050	11100	10250	9650	9026	8660	8400				
PV	630	1.5-2.0	90L	3,7	82/84	12900	12500	11900	10950	9750	8800	8500				
PV	630	2.2-3.0	100L	5,2	81/85	16300	15850	15100	14000	12000	10210					
PV	670	1.5-2.0	90L	3,7	84/87	13200	12850	12300	11700	10890	10500	8930	7890	6800		
PV	670	2.2-3.0	100L	5,2	85/87	19000	18000	17000	15600	14050	11990	10050	9100	7750		
PV	670	3.0-4.0	100L	6,9	84/87	23000	22200	21300	20150	18500	15600	11070				
PV	670	4.5-5.0	112 ML	9,3	86/89	27600	27000	26650	24400	22350	18000	13400	7000			

Type	Size	Motor Power (kW - Hp)	Motor Size	Current (A)	Sound Level (dbA @1m)	Pressure (Ps) in 1500rpm										
						0	10,0	20	30	40	50	60	70	80	90	100
PV	710	2.2-3.0	100 L	5,2	84/87	16800	15100	12760	9890							
PV	710	3.0-4.0	100 L	6,9	85/87	28000	25500	20000	11200	7200						
PV	710	4.0-5.5	112 M	9,3	86/88	30500	28800	23100	13800	9870						
PV	800	3.0-4.0	100 L	6,9	87/90	23300	2100	18600	15800	12550						
PV	800	4.0-5.5	112 M	9,3	89/92	33000	30950	26000	17150	14000						
PV	800	5.5-7.5	132 M	11,9	90/92	36500	34150	29800	21300	15900	14000					
PV	900	5.5-7.5	132 M	11,9	90/93	34000	31850	28440	24030	17480	14040					
PV	900	7.5-10	132 M	15,5	90/94	42000	40000	36500	31000	21450	16250	14370				
PV	1000	11-15	160 L	23	92/95	52000	49500	43750	37000	31400	24440	16800	13100			
PV	1000	15-20	160 L	30	92/95	61000	58000	54000	49000	42500	32500	23000	16000			
PV	1000	15-20	160 L	30	92/94	69000	66500	63750	60000	55000	49000	33200	16750			
PV	1000	15-20	160 L	30	95/100		75000	70000	6500	58750	53600	43250	20050	11560		

