

VENTILADORES CENTRÍFUGOS DE COBERTURA

TDA

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Os ventiladores TDA são ventiladores centrífugos de cobertura, que se destinam à extracção de ar através de condutas, ou em aspiração livre.

O seu Design, o elevado caudal associado a um baixo nível de ruído e a sua facilidade de instalação, fazem dele um ventilador versátil para inúmeras aplicações.

Disponível em modelos de descarga horizontal e vertical, com 1 ou 2 velocidades.

CARACTERÍSTICAS TÉCNICAS

Modelo	Tensão (V)	Potência absorv. (Kw)	Int. nom (A)	rpm	Cond. μF	Máx. temp. ar (°C)	Classe Isol.	Peso (Kg)	Ligação Eléctrica**	Int.mín. para reg. veloc. (A)	Com. 2 veloc.
Modelos de descarga horizontal											
DHS-190-E2/2	230	0.08/0.04	0.36/0.15	2360/1380	2	40	B	7	102	1	S2S 100
DHS-225-E2/2	230	0.13/0.08	0.55/0.3	2500/1800	3	40	B	9	102	1	S2S 160
DHS-310-E4/4	230	0.13/0.09	0.58/0.47	1365/750	4	40	B	10	102	1	S2S 160
DHS-310-E6/6*	230	0.08/0.03	0.35/0.13	1040/520	1.5	40	B	10	102	1	S2S 160
DHS-311-E4/4	230	0.15/0.09	0.65/0.47	1340/600	5	40	B	11	102	1	S2S 160
DHS-311-E6/6*	230	0.1/0.04	0.45/0.18	940/520	2	40	B	11	102	1	S2S 160
DHS-355-E4	230	0.28	1.3	1400	8	40	B	25	1091	3	-

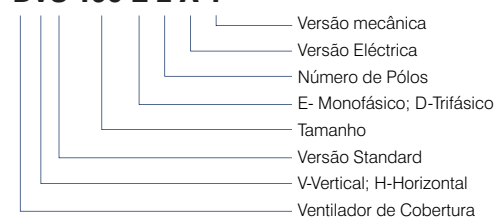
Modelos de descarga vertical

DVS-400-D4/4	400	0.44/0.31	0.8/0.5	1350/1060	-	40	F	28	308	-	SDM250B
DVS-450-D4/4	400	0.72/0.36	1.4/0.66	1210/870	-	40	F	30	308	-	SDM250B
DVS-499-D4/4	400	0.9/0.78	1.8/1.35	1320/1020	-	40	F	43	308	-	SDM250B
DVS-500-D4/4	400	1.19/0.9	2.1/1.5	1325/1125	-	40	F	49	307	-	SDM250B
DVS-560-D4/4*	400	1.9/1.35	3.5/2.2	1210/860	-	40	F	58	307	-	SDM250B
DVS-630-D6/6	400	1.1/0.81	2.0/1.43	860/740	-	50	F	65	307	-	SDM250B
DVS-710-D6/6	400	1.95/1.27	3.7/2.4	890/690	-	40	F	88	308	-	SDM250B

* disponíveis por pedido; ** ver diagramas

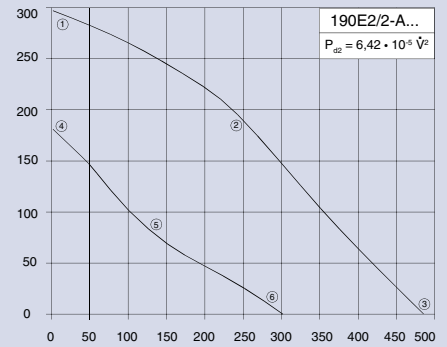
Códigos de referência

DVS 190 E 2 A 1

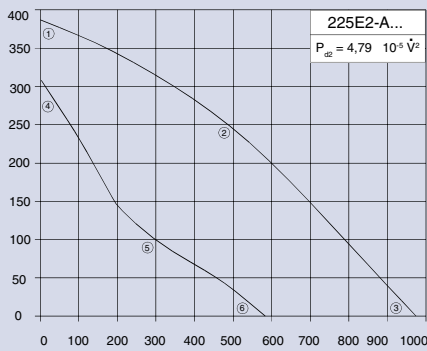


CURVAS CARACTERÍSTICAS

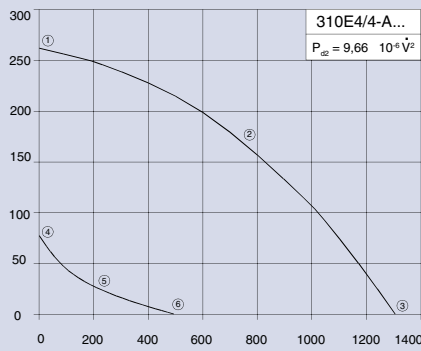
Modelos DHS



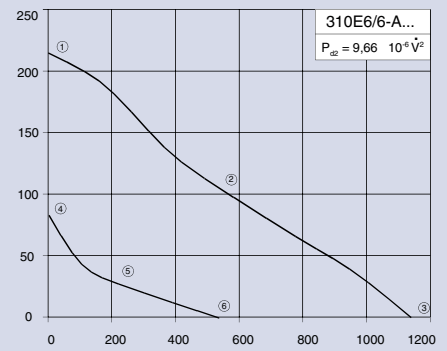
	V	A	Kw	rpm	dB
1	230	0.3	0.06	2630	
2	230	0.36	0.08	2360	51
3	230	0.35	0.07	2370	53
4	230	0.12	0.03	2050	
5	230	0.15	0.04	1380	
6	230	0.14	0.03	1430	



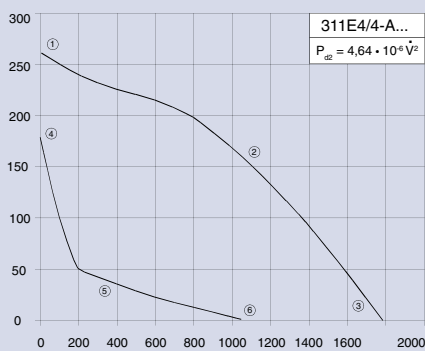
	V	A	Kw	rpm	dB
1	230	0.45	0.10	2730	
2	230	0.55	0.13	2500	51
3	230	0.46	0.11	2690	52
4	230	0.20	0.05	2450	
5	230	0.30	0.08	1800	
6	230	0.27	0.06	2240	



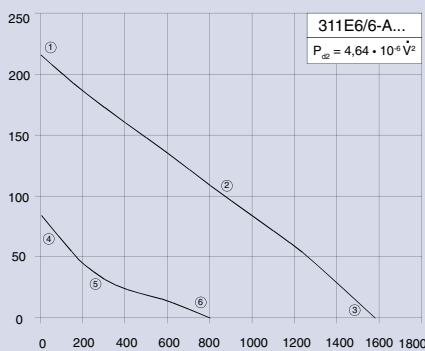
	V	A	Kw	rpm	dB
1	230	0.45	0.09	1440	
2	230	0.58	0.13	1365	48
3	230	0.47	0.10	1420	51
4	230	0.31	0.06	1300	
5	230	0.47	0.09	750	
6	230	0.40	0.08	1100	



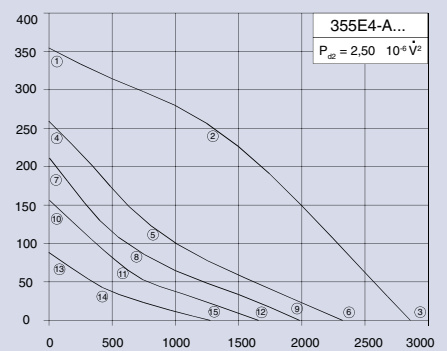
	V	A	Kw	rpm	dB
1	230	0.24	0.06	1300	
2	230	0.35	0.08	1040	41
3	230	0.27	0.06	1220	43
4	230	0.12	0.03	790	
5	230	0.13	0.03	520	
6	230	0.13	0.03	640	



	V	A	Kw	rpm	dB
1	230	0.52	0.12	1420	
2	230	0.65	0.15	1340	47
3	230	0.57	0.13	1390	52
4	230	0.37	0.08	1120	
5	230	0.47	0.09	600	31
6	230	0.46	0.09	820	36



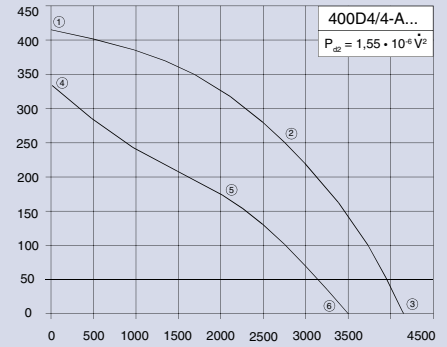
	V	A	Kw	rpm	dB
1	230	0.30	0.07	1215	
2	230	0.38	0.10	940	41
3	230	0.34	0.08	1140	47
4	230	0.17	0.04	800	
5	230	0.18	0.04	520	30
6	230	0.17	0.04	630	34



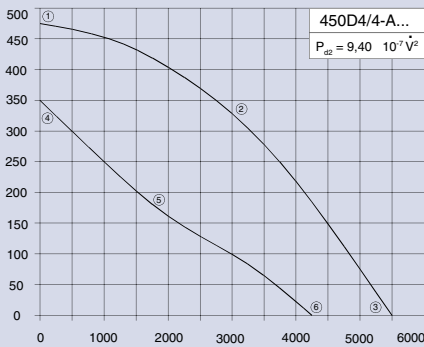
	V	A	Kw	rpm	dB
2	230	1.3	0.28	1400	48
5	160	1.20	0.19	835	39
8	145	1.15	0.16	720	37
11	130	1.0	0.13	615	
14	105	0.85	0.09	465	

CURVAS CARACTERÍSTICAS

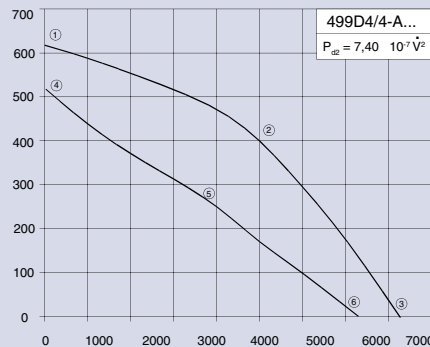
Modelos DVS



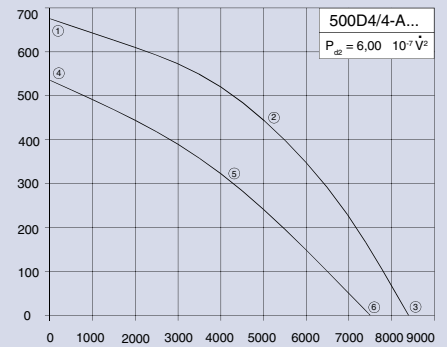
	V	A	Kw	rpm	dB
1	400	0.63	0.27	1415	
2	400	0.80	0.44	1350	54
3	400	0.67	0.31	1390	58
4	400	0.34	0.21	1265	
5	400	0.50	0.31	1060	48
6	400	0.40	0.25	1190	49



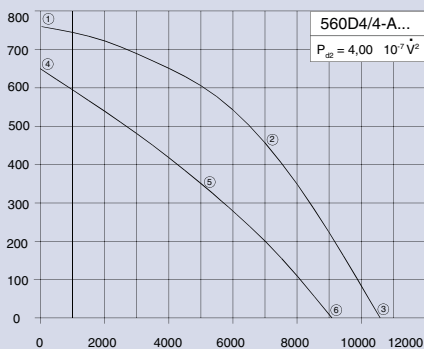
	V	A	Kw	rpm	dB
1	400	1.05	0.53	1310	
2	400	1.04	0.72	1210	57
3	400	1.05	0.56	1310	62
4	400	0.57	0.32	1050	
5	400	0.66	0.36	870	48
6	400	0.60	0.33	1020	54



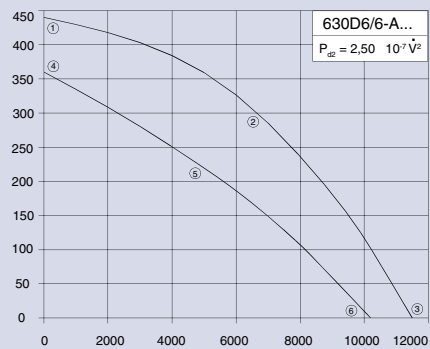
	V	A	Kw	rpm	dB
1	400	1.45	0.55	1335	
2	400	1.80	0.90	1200	60
3	400	1.60	0.73	1275	63
4	400	0.63	0.35	1120	
5	400	0.86	0.50	890	53
6	400	0.74	0.43	1000	57



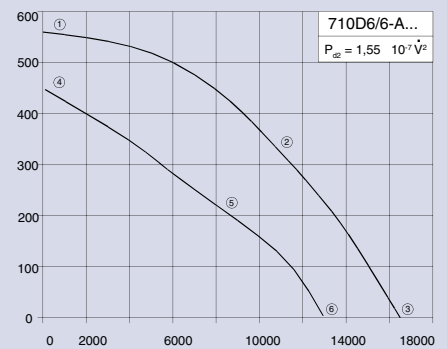
	V	A	Kw	rpm	dB
1	400	1.65	0.71	1435	
2	400	2.10	1.19	1325	62
3	400	1.85	0.83	1420	68
4	400	0.95	0.53	1325	
5	400	1.50	0.90	1125	53
6	400	1.10	0.66	1275	58



	V	A	Kw	rpm	dB
1	400	2.30	1.10	1415	
2	400	3.50	1.90	1210	65
3	400	2.55	1.24	1405	69
4	400	1.45	0.88	1280	
5	400	2.20	1.35	860	60
6	400	1.65	1.00	1245	64



	V	A	Kw	rpm	dB
1	400	1.90	0.63	945	
2	400	2.10	1.10	890	54
3	400	2.00	0.76	930	59
4	400	0.94	0.47	860	
5	400	1.43	0.81	740	51
6	400	1.12	0.59	815	57



	V	A	Kw	rpm	dB
1	400	2.40	1.05	940	
2	400	3.70	1.95	890	68
3	400	2.70	1.27	930	73
4	400	1.50	0.82	845	
5	400	2.40	1.27	690	59
6	400	1.70	0.96	805	65

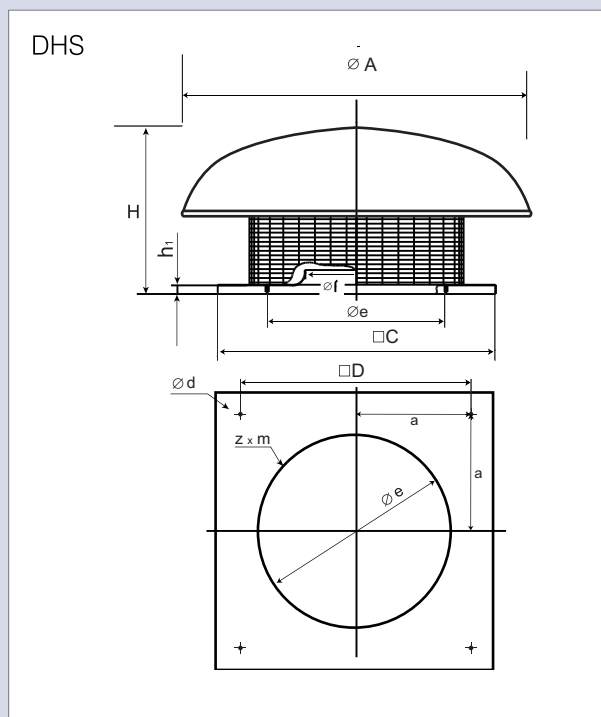
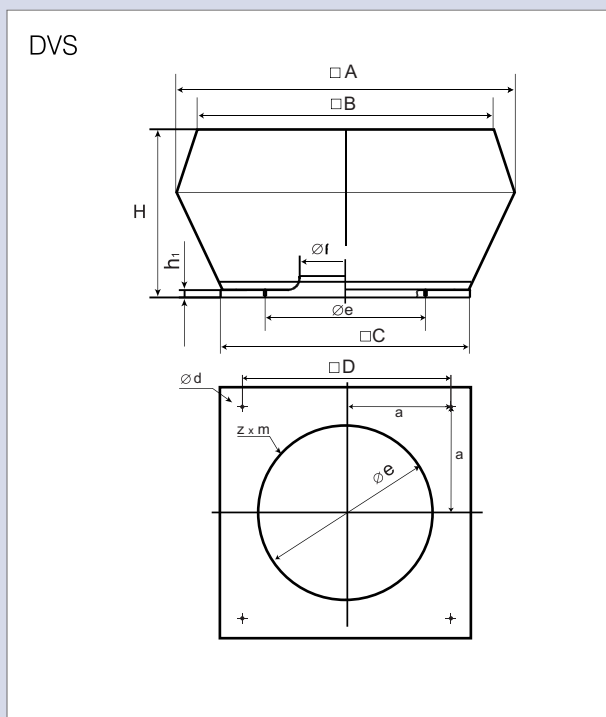
DIMENSÕES

Modelos DVS

Modelo	□ A	□ B	□ C	□ D	∅e	∅d	h ₁	H	Z x m	a
190/225	370	320	335	245	213	10	30	170	6 x M6	105
310/311	560	470	435	330	285	10	30	330	6 x M6	146
355/400	720	618	595	450	438	12	30	400	6 x M8	200
450/499/500	900	748	665	535	438	12	30	440	6 x M8	237
560/630	1150	1010	939	750	605	14	30	560	8 x M8	293
710	1350	1176	1035	840	674	14	40	680	8 x M8	315

Modelos DHS

Modelo	∅A	□ C	□ D	∅e	∅d	h ₁	H	Z x m	a
190/225	417	335	245	213	10	30	150	6 x M6	105
310	540	435	330	285	10	30	250	6 x M6	146
311	540	435	330	285	10	30	280	6 x M6	146
355/400	720	595	450	438	12	30	330	6 x M8	200
450/499/500	830	665	535	438	12	30	380	6 x M8	237
560/630	1100	939	750	605	14	30	450	8 x M8	293
710	1320	1035	840	674	14	40	520	8 x M8	315

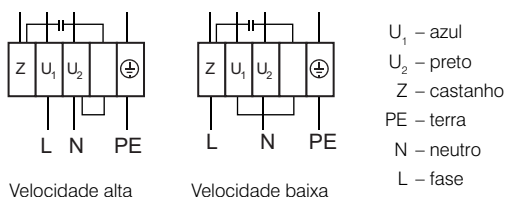


DIAGRAMAS DE LIGAÇÃO ELÉCTRICA

Modelo	Diagrama
DHS-190-E2/2	102
DHS-225-E2/2	102
DHS-310-E4/4	102
DHS-310-E6/6	102
DHS-311-E4/4	102
DHS-311-E6/6	102
DHS-355-E4	1091
DVS-400-D4/4	308
DVS-450-D4/4	308
DVS-499-D4/4	308
DVS-500-D4/4	307
DVS-560-D4/4	307
DVS-630-D6/6	307
DVS-710-D6/6	308

Diagrama 102

Motor monofásico com condensador permanente



Velocidade alta

Velocidade baixa

Diagrama 1091

Motor monofásico com condensador permanente e termocontacto

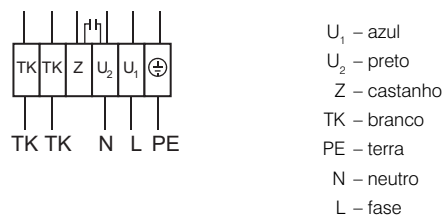
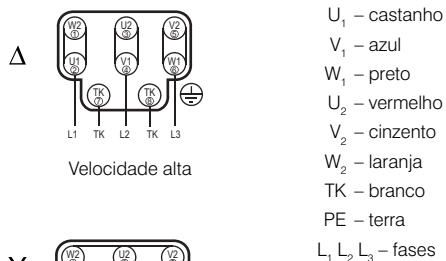


Diagrama 307

Motor trifásico com 2 velocidades por comutação Y / Δ



Velocidade alta

Velocidade baixa

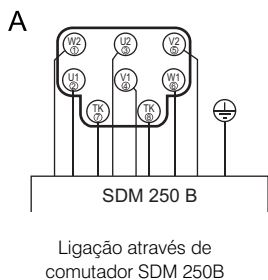
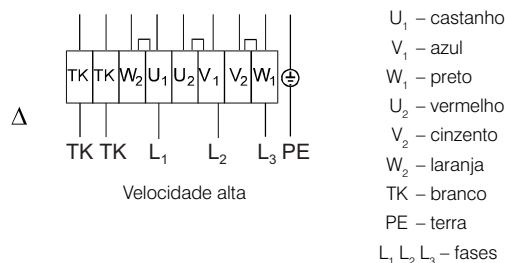


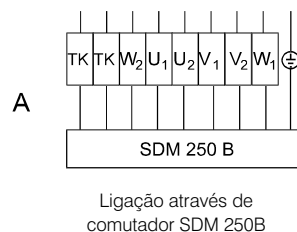
Diagrama 308

Motor trifásico com 2 velocidades por comutação Y / Δ



Velocidade alta

Velocidade baixa



Comutador Y / Δ aplicável aos modelos trifásicos de 2 velocidades.