

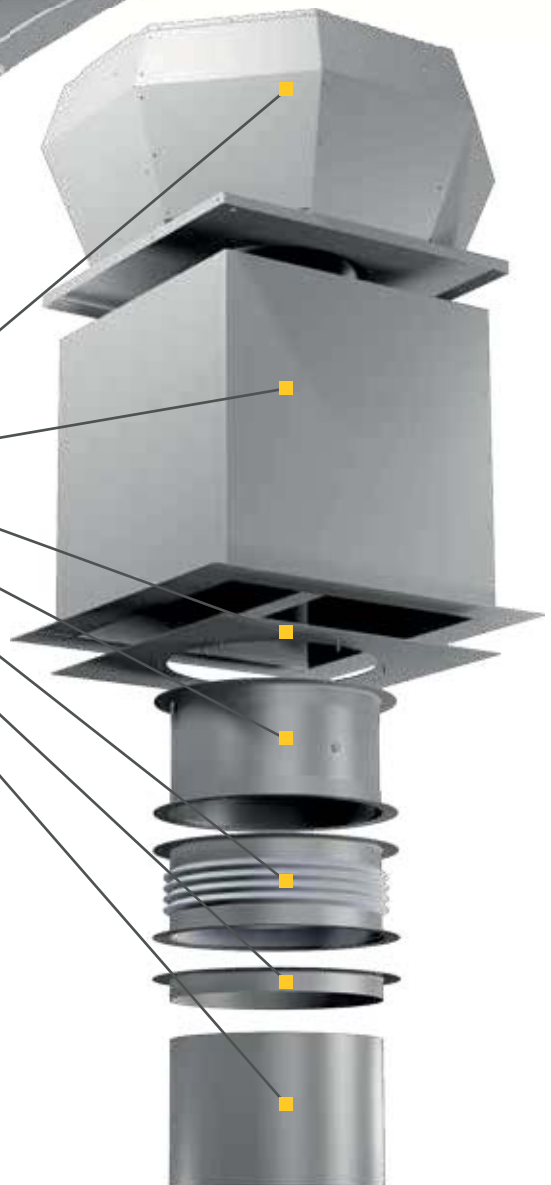


Assembly


The base plate of the roof fans consists of galvanized steel sheet with a deep-drawn inlet nozzle. Mounting accessories, e.g. roof socket, gravity shutter, can be found in our range of accessories.

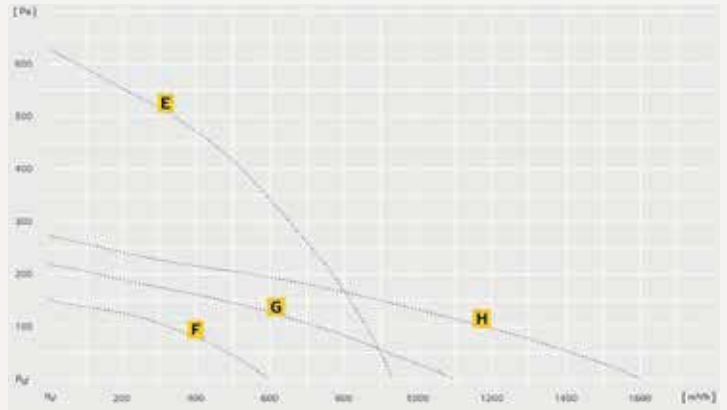
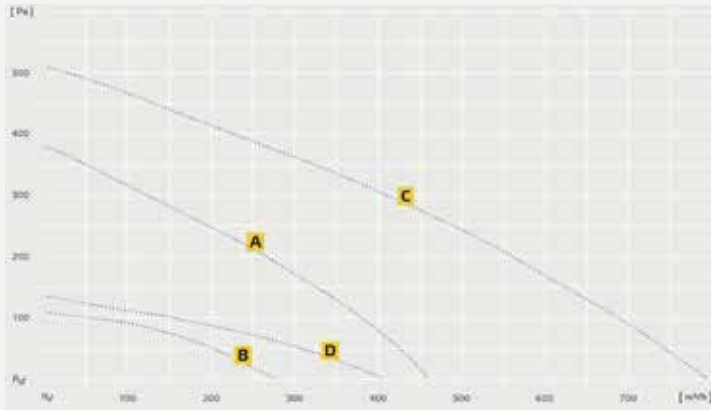
Installation example with specific accessories

- DVA ROOF FAN
- DSS SOCKET SILENCER
- DAP ROOF ADAPTER PLATE
- DVK SHUTTER AUTOMATIC
- DAS ROOF INLET COLLAR
- DAF INLET FLANGE
- ROUND DUCT
















Electrical accessories

-  ■ MTP 20 - Potentiometer 10 Ω
-  ■ SEN CO2 - CO₂ sensor
-  ■ CON P1000 - Constant pressure control
-  ■ FU... - Frequency converter
-  ■ TEM... - Step transformer

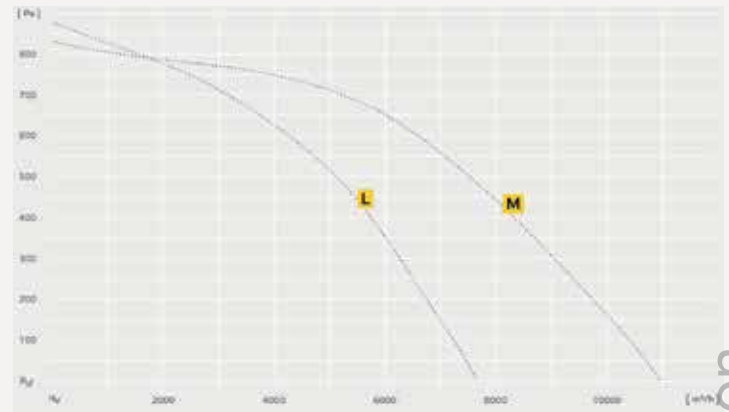
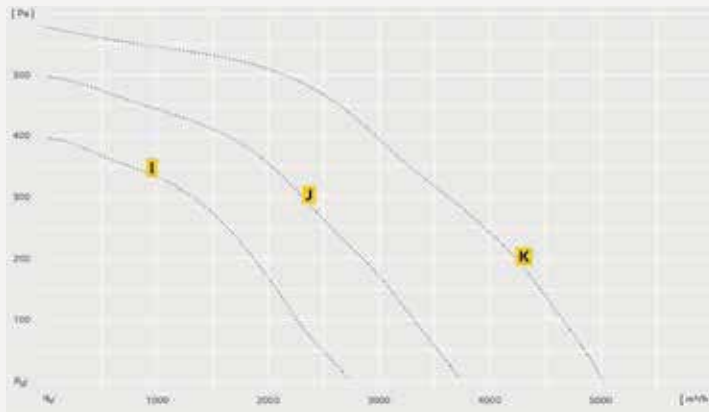


A Type	C Type	E Type	G Type	H Type
DVA190 E2P 31 139345	DVA 220 E2P 31 139339	DVA 225 E2P 31 139332	DVA 280 E4P 31 139321	DVA 315 E4P 31 139319
230V ~ 50 Hz 64/64 db(A) 460 m³/h 124454	0,3 A 49 W 66/67 db(A) 800 m³/h 124461	230V ~ 50 Hz 70/73 db(A) 930 m³/h 124461	0,9 A 154 W 57/61 db(A) 1100 m³/h 124461	0,4 A 82 W 24,9 % 1600 m³/h 124461
	230V ~ 50 Hz 0,6 A 110 W 31,1 % 5,5 kg		230V ~ 50 Hz 0,9 A 154 W 37,9 % 5,7 kg	230V ~ 50 Hz 0,6 A 114 W 32,7 % 8,5 kg
	V	V	V	V
B Type	D Type	F Type		
DVA190 E4P 31 139342	DVA 220 E4P 31 139334	DVA 250 E4P 31 139330		
230V ~ 50 Hz 52/55 db(A) 280 m³/h 128555	0,2 A 18 W 50/51 db(A) 410 m³/h 128555	230V ~ 50 Hz 61/62 db(A) 590 m³/h 124461	0,3 A 52 W 17,5 % 5,8 kg	
	230V ~ 50 Hz 0,2 A 21 W 23 % 5,2 kg		V	
	V	V		

-  5-step transformer
-  7-step transformer
-  5-step transformer
-  5-step transformer
-  7-step transformer
-  Flat roof socket
-  Socket silencer
-  Sloped roof socket
-  Sloped roof socket sound insulated
-  Inlet flange
-  Roof inlet collar
-  Shutter automatic
-  Roof adapter plate

TEE 015 115893	TEE 015 115893	TEE 015 115893	TEE 015 115893	TEE 015 115893
TES 0145 111858	TES 0145 111858	TES 0145 111858	TES 0145 111858	TES 0145 111858
DSF 220-10 126170	DSF 220-10 126170	DSF 220-10 126170	DSF 280-10 126164	DSF 280-10 126164
DSS 220-10 126356	DSS 220-10 126356	DSS 220-10 126356	DSS 280-10 126383	DSS 280-10 126383
DSF 220-12 133709 further see page: 122	DSF 220-12 133709 further see page: 122	DSF 220-12 133709 further see page: 122	DSF 280-12 133736 further see page: 122	DSF 280-12 133736 further see page: 122
DSS 220-12 134283 further see page: 123	DSS 220-12 134283 further see page: 123	DSS 220-12 134283 further see page: 123	DSS 280-12 134357 further see page: 123	DSS 280-12 134357 further see page: 123
DAF 180 110744	DAF 180 110744	DAF 180 110744	DAF 250 110585	DAF 250 110585
DAS 180 110745	DAS 180 110745	DAS 180 110745	DAS 250 109413	DAS 250 109413
DVK 180 104800	DVK 180 104800	DVK 180 104800	DVK 250 109233	DVK 250 109233
DAP 220 133946	DAP 220 133946	DAP 220 133946	DAP 280 133954	DAP 280 133954

- Roof fan, vertical exhaust
- Backward curved centrifugal impeller
- Housing made of seawater-resistant aluminum AlMg3
- Swing-out fan unit
- With isolator switch (DHA...P)
- Voltage controllable AC motors

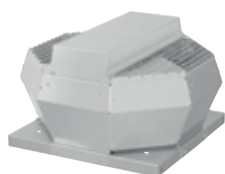
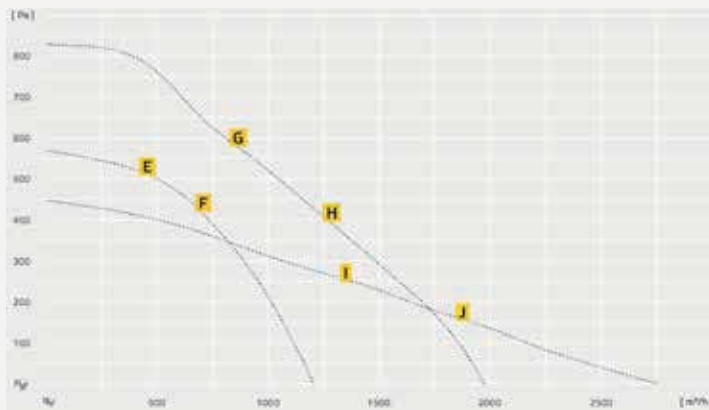
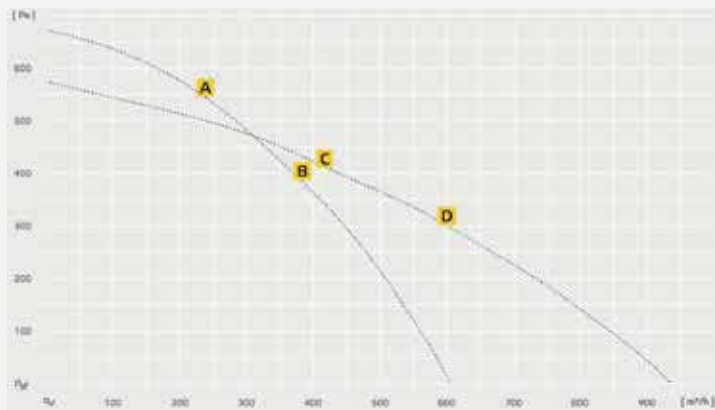


I Type	J Type	K Type	L Type	M Type					
DVA 355 E4P 31 139320	DVA 400 E4P 31 139317	DVA 450 D4P 31 139310	DVA 500 D4P 31 139304	DVA 560 D4P 31 139300					
230V ~ 50 Hz	1,3 A	230V ~ 50 Hz	2,6 A	400V 3~ 50 Hz	3,4 A	400V 3~ 50 Hz	4,8 A		
64/66 db(A)	249 W	67/71 db(A)	452 W	72/75 db(A)	641 W	80/79 db(A)	1467 W	81/82 db(A)	1911 W
2740 m³/h	45,2 %	3740 m³/h	44,3 %	5020 m³/h	50,6 %	7665 m³/h	50,5 %	10960 m³/h	55,7 %
124461	16,5 kg	116506	19,5 kg	131886	26,0 kg	131886	34,0 kg	131886	53,5 kg
	V		V		V		V		V

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TES 035 103954	TES 035 103954			
TEM 035 103502	TEM 035 103502			
		TDM 025 107628	TDM 040 111556	TDM 060 111557
		TDS 025 113663	TDS 040 113666	TDS 060 113667
DSF 355-10 126160	DSF 355-10 126160	DSF 450-10 126193	DSF 450-10 126193	DSF 560-10 126237
DSS 355-10 126403	DSS 355-10 126403	DSS 450-10 126461	DSS 450-10 126461	DSS 560-10 126471
DSF 355-12 133793	DSF 355-12 133793	DSF 450-12 133850	DSF 450-12 133850	DSF 560-12 133892
further see page: 122	further see page: 122	further see page: 122	further see page: 122	further see page: 122
DSS 355-12 134395	DSS 355-12 134395	DSS 450-12 134444	DSS 450-12 134444	DSS 560-12 134486
further see page: 123	further see page: 123	further see page: 123	further see page: 123	further see page: 123
DAF 400 109826	DAF 400 109826	DAF 400 109826	DAF 400 109826	DAF 560 122288
DAS 400 109827	DAS 400 109827	DAS 400 109827	DAS 400 109827	DAS 560 122287
DVK 400 109213	DVK 400 109213	DVK 400 109213	DVK 400 109213	DVK 560 122289
DAP 355 133963	DAP 355 133963	DAP 450 133976	DAP 450 133976	DAP 560 133979





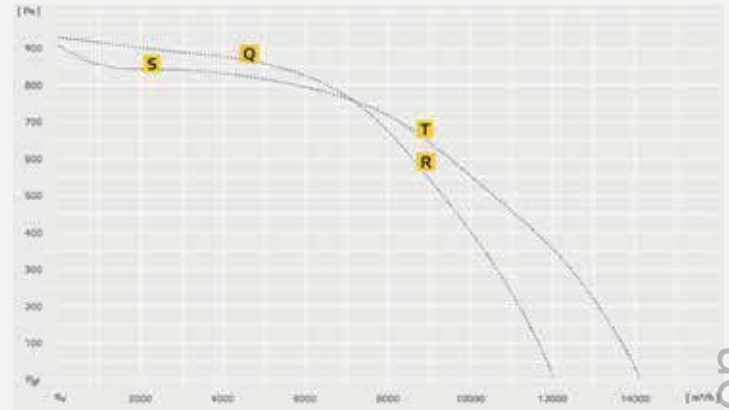
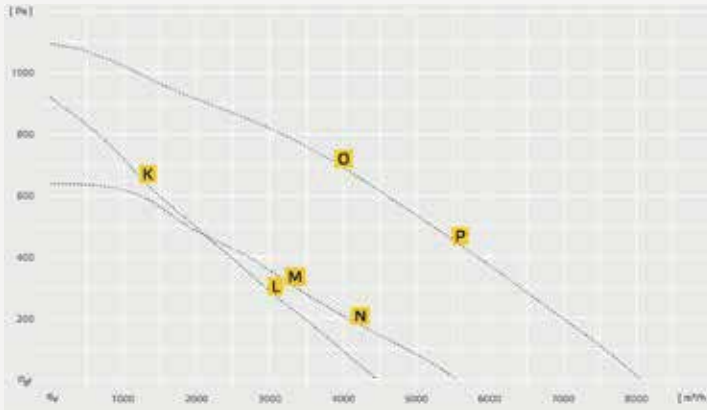
A Type		C Type		E Type		G Type		I Type	
DVA 190 EC 30		DVA 220 EC 30		DVA 250 EC 30		DVA 280 EC 30		DVA 355 EC 30	
131285		131288		131291		131297		131322	
230V ~ 50 Hz	0,8 A	230V ~ 50 Hz	0,9 A	230V ~ 50 Hz	1,5 A	230V ~ 50 Hz	1,9 A	230V ~ 50 Hz	1,4 A
75/76 db(A)	99 W	69/70 db(A)	113 W	74/79 db(A)	179 W	78/78 db(A)	268 W	67/68 db(A)	165 W
610 m³/h	39 %	940 m³/h	44,8 %	1200 m³/h	43,6 %	1970 m³/h	52,2 %	2750 m³/h	56 %
131908	4,5 kg	131908	4,9 kg	131908	6,5 kg	131908	8,0 kg	131908	14,7 kg
	0-10V		0-10V		0-10V		0-10V		0-10V

B Type		D Type		F Type		H Type		J Type	
DVA 190 ECP 31		DVA 220 ECP 31		DVA 250 ECP 31		DVA 280 ECP 31		DVA 355 ECP 31	
139098		139158		139164		139179		139203	
230V ~ 50 Hz	0,8 A	230V ~ 50 Hz	0,9 A	230V ~ 50 Hz	1,5 A	230V ~ 50 Hz	1,9 A	230V ~ 50 Hz	1,4 A
75/76 db(A)	99 W	69/70 db(A)	113 W	74/79 db(A)	179 W	78/78 db(A)	268 W	67/68 db(A)	165 W
610 m³/h	39 %	940 m³/h	44,8 %	1200 m³/h	43,6 %	1970 m³/h	52,5 %	2750 m³/h	56 %
131918	kg	131918	5,1 kg	131918	6,6 kg	131918	8,3 kg	131918	15,4 kg
	0-10V		0-10V		0-10V		0-10V		0-10V

	Potentiometer	MTP 20	128146	MTP 20	128146	MTP 20	128146	MTP 20	128146	MTP 20	128146
	Constant pressure control	CON P1000	115259	CON P1000	115259	CON P1000	115259	CON P1000	115259	CON P1000	115259
	Climaset	CLIMASET 01	111314	CLIMASET 01	111314	CLIMASET 01	111314	CLIMASET 01	111314	CLIMASET 01	111314
	Sensor	SEN CO2	126586	SEN CO2	126586	SEN CO2	126586	SEN CO2	126586	SEN CO2	126586
	Isolator switch	GS 03	107633	GS 03	107633	GS 03	107633	GS 03	107633	GS 03	107633
	Flat roof socket	DSF 220-10	126170	DSF 220-10	126170	DSF 220-10	126170	DSF 280-10	126164	DSF 355-10	126160
	Socket silencer	DSS 220-10	126356	DSS 220-10	126356	DSS 220-10	126356	DSS 280-10	126383	DSS 355-10	126403
	Sloped roof socket	DSF 220-12	133709	DSF 220-12	133709	DSF 220-12	133709	DSF 280-12	133736	DSF 355-12	133793
	Sloped roof socket sound insulated	DSS 220-12	134283	DSS 220-12	134283	DSS 220-12	134283	DSS 280-12	134357	DSS 355-12	134395
	Inlet flange	DAF 180	110744	DAF 180	110744	DAF 180	110744	DAF 250	110585	DAF 400	109826
	Roof inlet collar	DAS 180	110745	DAS 180	110745	DAS 180	110745	DAS 250	109413	DAS 400	109827
	Shutter automatic	DVK 180	104800	DVK 180	104800	DVK 180	104800	DVK 250	109233	DVK 400	109213
	Roof adapter plate	DAP 220	133946	DAP 220	133946	DAP 220	133946	DAP 280	133954	DAP 355	133963

EKB Fläktar & Ventilation

- Energy efficient roof fan, vertical outlet
- Backward curved centrifugal impeller
- Housing made of seawater-resistant aluminum AlMg3
- Swing-out fan unit (DVA...ECP)
- With isolator switch (DVA...ECP)
- Highly efficient EC motors
- Stepless control via 0-10V signal

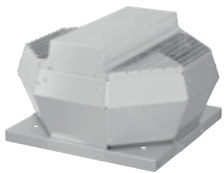
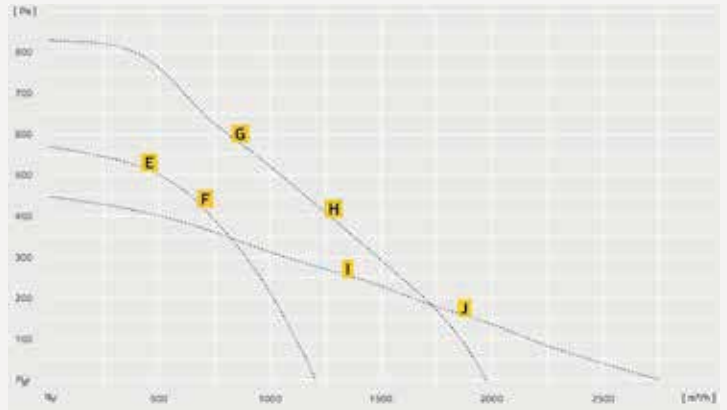
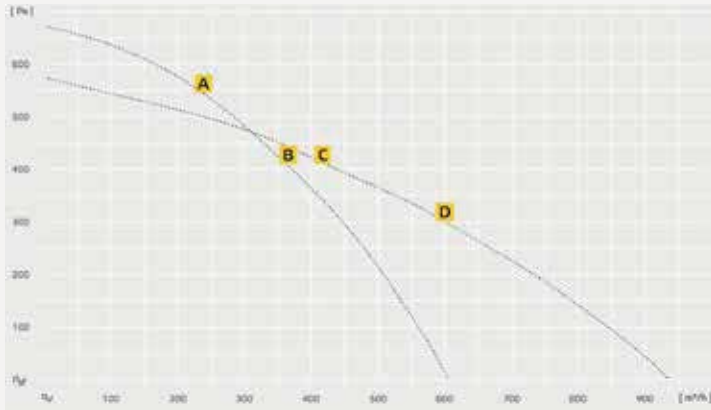


K Type	M Type	O Type	Q Type	S Type
DVA 400 EC 30 131328	DVA 450 EC 30 131332	DVA 500 EC 30 131335	DVA 560 EC 30 131340	DVA 630 EC 30 131349
230V ~ 50 Hz 69/73 db(A) 4460 m³/h 131908	2,3 A 503 W 72/73 db(A) 5550 m³/h 131908	2,3 A 509 W 55,3 % 21,3 kg 0-10V	400V 3~ 50 Hz 74/79 db(A) 8050 m³/h 131909	2,1 A 1331 W 55,8 % 28,0 kg 0-10V
3,5 A 2263 W 64,3 % 43,0 kg 0-10V	4,0 A 2627 W 60 % 54,0 kg 0,10V			











L Type	EUR	N Type	EUR	P Type	EUR	R Type	EUR	T Type
DVA 400 ECP 31 139212		DVA 450 ECP 31 139223		DVA 500 ECP 31 139228		DVA 560 ECP 31 139239		DVA 630 ECP 31 139241
230V ~ 50 Hz 69/73 db(A) 4460 m³/h 131918	2,3 A 503 W 53 % 19,4 kg 0-10V	230V ~ 50 Hz 72/73 db(A) 5550 m³/h 131918	2,3 A 509 W 55,3 % 22,0 kg 0-10V	400V 3~ 50 Hz 74/79 db(A) 8050 m³/h 131919	2,1 A 1331 W 55,8 % 29,5 kg 0-10V	400V 3~ 50 Hz 84/85 db(A) 12030 m³/h 131919	3,5 A 2263 W 64,1 % 44,0 kg 0-10V	400V 3~ 50 Hz 83/84 db(A) 14115 m³/h 131919
								4,0 A 2627 W 60 % 55,0 kg 0-10V

MTP 20 128146	MTP 20 128146	MTP 20 128146	MTP 20 128146	MTP 20 128146
CON P1000 115259	CON P1000 115259	CON P1000 115259	CON P1000 115259	CON P1000 115259
CLIMASET 01 111314	CLIMASET 01 111314	CLIMASET 01 111314	CLIMASET 01 111314	CLIMASET 01 111314
SEN CO2 126586	SEN CO2 126586	SEN CO2 126586	SEN CO2 126586	SEN CO2 126586
GS 03 107633	GS 03 107633	GS 03 107633	GS 03 107633	GS 03 107633
DSF 355-10 126160	DSF 450-10 126193	DSF 450-10 126193	DSF 560-10 126237	DSF 560-10 126237
DSS 355-10 126403	DSS 450-10 126461	DSS 450-10 126461	DSS 560-10 126471	DSS 560-10 126471
DSF 355-12 133793 further see page: 122	DSF 450-12 133850 further see page: 122	DSF 450-12 133850 further see page: 122	DSF 560-12 133892 further see page: 122	DSF 560-12 133892 further see page: 122
DSS 355-12 134395 further see page: 123	DSS 450-12 134444 further see page: 123	DSS 450-12 134444 further see page: 123	DSS 560-12 134486 further see page: 123	DSS 560-12 134486 further see page: 123
DAF 400 109826	DAF 400 109826	DAF 400 109826	DAF 560 122288	DAF 560 122288
DAS 400 109827	DAS 400 109827	DAS 400 109827	DAS 560 122287	DAS 560 122287
DVK 400 109213	DVK 400 109213	DVK 400 109213	DVK 560 122289	DVK 560 122289
DAP 355 133963	DAP 450 133976	DAP 450 133976	DAP 560 133979	DAP 560 133979



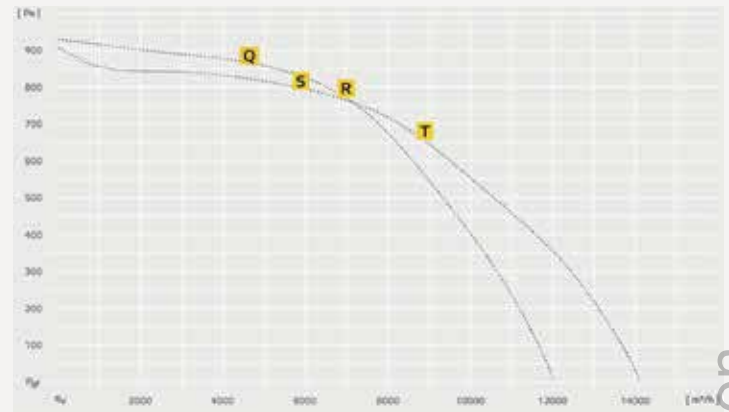
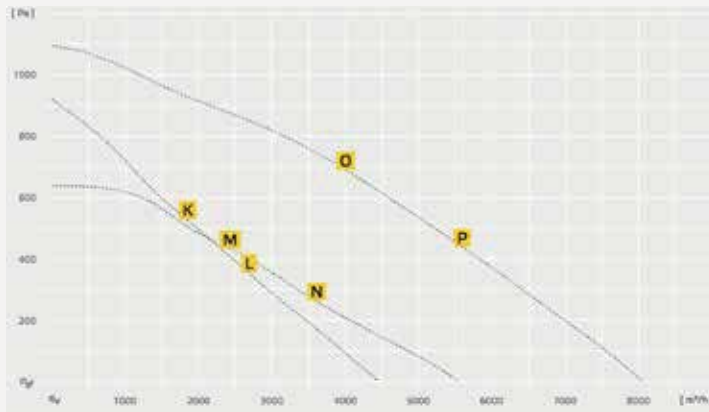


A Type		C Type		E Type		G Type		I Type	
DVA 190 ECC 30 134702		DVA 220 ECC 30 134705		DVA 250 ECC 30 134707		DVA 280 ECC 30 134709		DVA 355 ECC 30 132973	
230V ~ 50 Hz	0,8 A	230V ~ 50 Hz	0,9 A	230V ~ 50 Hz	1,5 A	230V ~ 50 Hz	1,9 A	230V ~ 50 Hz	1,4 A
75/76 db(A)	99 W	69/70 db(A)	113 W	74/79 db(A)	179 W	78/78 db(A)	268 W	67/68 db(A)	165 W
610 m³/h	39 %	940 m³/h	44,8 %	1200 m³/h	43,6 %	1970 m³/h	52,5 %	2750 m³/h	56 %
133374	4,6 kg	133374	5,0 kg	133374	6,6 kg	133374	8,1 kg	133374	14,9 kg
	0-10V		0-10V		0-10V		0-10V		0-10V
B Type		D Type		F Type		H Type		J Type	
DVA 190 EC CP 30 134703		DVA 220 EC CP 30 134706		DVA 250 EC CP 30 134708		DVA 280 EC CP 30 134710		DVA 355 EC CP 30 132970	
230V ~ 50 Hz	0,8 A	230V ~ 50 Hz	0,9 A	230V ~ 50 Hz	1,5 A	230V ~ 50 Hz	1,9 A	230V ~ 50 Hz	1,4 A
75/76 db(A)	99 W	69/70 db(A)	113 W	74/79 db(A)	179 W	78/78 db(A)	268 W	67/68 db(A)	165 W
610 m³/h	39 %	940 m³/h	44,8 %	1200 m³/h	43,6 %	1970 m³/h	52,5 %	2750 m³/h	56 %
133375	4,8 kg	133375	5,3 kg	133375	6,6 kg	133375	8,3 kg	133375	15,5 kg
	0-10V		0-10V		0-10V		0-10V		0-10V

-  Potentiometer
-  Isolator switch
-  Flat roof socket
-  Socket silencer
-  Sloped roof socket
-  Sloped roof socket sound insulated
-  Inlet flange
-  Roof inlet collar
-  Shutter automatic
-  Roof adapter plate

MTP 20 128146 Only for: 134702	MTP 20 128146 Only for: 134705	MTP 20 128146 Only for: 134707	MTP 20 128146 Only for: 134709	MTP 20 128146 Only for: 132973
GS 03 107633	GS 03 107633	GS 03 107633	GS 03 107633	GS 03 107633
DSF 220-10 126170	DSF 220-10 126170	DSF 220-10 126170	DSF 280-10 126164	DSF 355-10 126160
DSS 220-10 126356 further see page: 122	DSS 220-10 126356 further see page: 122	DSS 220-10 126356 further see page: 122	DSS 280-10 126383 further see page: 122	DSS 355-10 126403 further see page: 122
DSF 220-12 133709 further see page: 123	DSF 220-12 133709 further see page: 123	DSF 220-12 133709 further see page: 123	DSF 280-12 133736 further see page: 123	DSF 355-12 133793 further see page: 123
DSS 220-12 134283	DSS 220-12 134283	DSS 220-12 134283	DSS 280-12 134357	DSS 355-12 134395
DAF 180 110744	DAF 180 110744	DAF 180 110744	DAF 250 110585	DAF 400 109826
DAS 180 110745	DAS 180 110745	DAS 180 110745	DAS 250 109413	DAS 400 109827
DVK 180 104800	DVK 180 104800	DVK 180 104800	DVK 250 109233	DVK 400 109213
DAP 220 133946	DAP 220 133946	DAP 220 133946	DAP 280 133954	DAP 355 133963

- Energy efficient roof fan, vertical outlet
- Backward curved centrifugal impeller
- Housing made of seawater-resistant aluminum AlMg3
- With integrated constant pressure control (DVA... ECC) and isolator switch (DVA... EC CP)
- Highly efficient EC motors
- Stepless control via 0-10V signal



K Type	M Type	O Type	Q Type	S Type					
DVA 400 ECC 30 132979	DVA 450 ECC 30 132986	DVA 500 ECC 30 132992	DVA 560 ECC 30 133000	DVA 630 ECC 30 133008					
230V ~ 50 Hz 69/73 db(A) 4460 m³/h 133374	2,3 A 503 W 53 % 18,9 kg 0-10V	230V ~ 50 Hz 72/73 db(A) 5550 m³/h 133374	2,3 A 509 W 55,3 % 21,4 kg 0-10V	400V 3~ 50 Hz 83/84 db(A) 14115 m³/h 133380					
		400V 3~ 50 Hz 74/79 db(A) 8050 m³/h 133380	2,1 A 1331 W 55,8 % 50,2 kg 0-10V	4,0 A 2627 W 60 % 54,6 kg 0-10V					
			3,5 A 2263 W 64,3 % 43,5 kg 0-10V						
L Type	EUR	N Type	EUR	P Type	EUR	R Type	EUR	T Type	EUR
DVA 400 EC CP 30 132976		DVA 450 EC CP 30 132982		DVA 500 EC CP 30 132989		DVA 560 EC CP 30 132997		DVA 630 EC CP 30 133004	
230V ~ 50 Hz 69/73 db(A) 4460 m³/h 133375	2,3 A 503 W 53 % 19,5 kg 0-10V	230V ~ 50 Hz 72/73 db(A) 5550 m³/h 133375	2,3 A 509 W 55,3 % 21,1 kg 0-10V	400V 3~ 50 Hz 74/79 db(A) 8050 m³/h 133381	2,1 A 1331 W 55,8 % 50,5 kg 0-10V	400V 3~ 50 Hz 84/85 db(A) 12030 m³/h 133381	3,5 A 2263 W 64,3 % 44,9 kg 0-10V	400V 3~ 50 Hz 83/84 db(A) 14115 m³/h 133381	4,0 A 2627 W 60 % 56,0 kg 0-10V

MTP 20 128146 Only for: 132979	MTP 20 128146 Only for: 132986	MTP 20 128146 Only for: 132992	MTP 20 128146 Only for: 133000	MTP 20 128146 Only for: 133008
GS 03 107633	GS 03 107633	GS 03 107633	GS 03 107633	GS 03 107633
DSF 355-10 126160	DSF 450-10 126193	DSF 450-10 126193	DSF 560-10 126237	DSF 560-10 126237
DSS 355-10 126403 further see page: 122	DSS 450-10 126461 further see page: 122	DSS 450-10 126461 further see page: 122	DSS 560-10 126471 further see page: 122	DSS 560-10 126471 further see page: 122
DSF 355-12 133793 further see page: 123	DSF 450-12 133850 further see page: 123	DSF 450-12 133850 further see page: 123	DSF 560-12 133892 further see page: 123	DSF 560-12 133892 further see page: 123
DSS 355-12 134395	DSS 450-12 134444	DSS 450-12 134444	DSS 560-12 134486	DSS 560-12 134486
DAF 400 109826	DAF 400 109826	DAF 400 109826	DAF 560 122288	DAF 560 122288
DAS 400 109827	DAS 400 109827	DAS 400 109827	DAS 560 122287	DAS 560 122287
DVK 400 109213	DVK 400 109213	DVK 400 109213	DVK 560 122289	DVK 560 122289
DAP 355 133963	DAP 450 133976	DAP 450 133976	DAP 560 133979	DAP 560 133979

