

# Circular Duct Fan

# TF EC



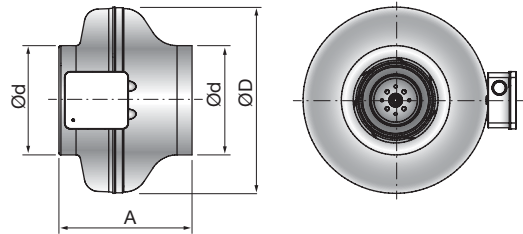
## Description

TF EC has the same high quality and accessories as our regular TF.

The EC (Electronically commutated) motor has an electrical control unit integrated in the motor, which increases efficiency.

The fan speed can be controlled by a 0 - 10 VDC.

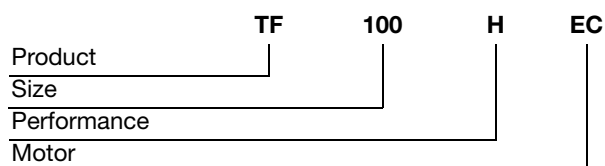
## Dimensions



Product	Ød nom	ØD nom	A [mm]	m [kg]
TF100H EC	100	243	188	2,60
TF125H EC	125	243	188	2,60
TF150 EC	150	271	191	2,80
TF160 EC	160	271	195	2,80
TF160H EC	160	345	226	3,90
TF200H EC	200	345	228	4,00
TF250 EC	250	345	228	4,10
TF315 EC	315	402	257	5,40
TF315H EC	315	402	257	6,20

H = High effect  
All fans are 230 VAC

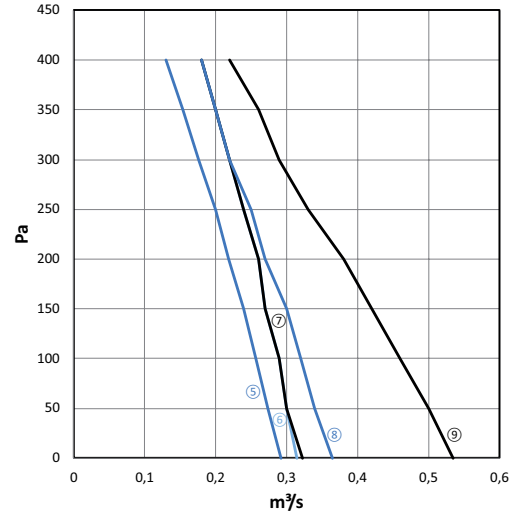
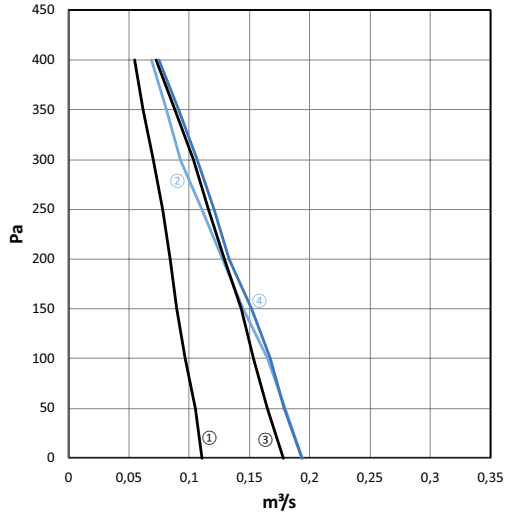
## Ordering example



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## Technical data



Graph Ref.	Product	m <sup>3</sup> /s @ Pa									Motor W	Amps FLC	Speed RPM
		0	50	100	150	200	250	300	350	400			
1	TF100H EC	0,111	0,105	0,097	0,090	0,084	0,078	0,070	0,062	0,055	111	0,90	3600
2	TF125H EC	0,194	0,18	0,165	0,145	0,128	0,111	0,093	0,081	0,069	105	0,86	3400
3	TF150 EC	0,178	0,165	0,153	0,143	0,129	0,116	0,104	0,088	0,073	99	0,82	3400
4	TF160 EC	0,194	0,179	0,167	0,152	0,133	0,121	0,107	0,091	0,075	103	0,83	3390
5	TF160H EC	0,292	0,274	0,257	0,24	0,218	0,2	0,176	0,154	0,13	132	1,06	3170
6	TF200H EC	0,314	0,3	0,29	0,27	0,26	0,24	0,22	0,2	0,18	154	1,21	3250
7	TF250 EC	0,322	0,3	0,29	0,27	0,26	0,24	0,22	0,2	0,18	155	1,25	3330
8	TF315 EC	0,364	0,34	0,32	0,3	0,27	0,25	0,22	0,2	0,18	159	1,22	2760
9	TF315H EC	0,535	0,5	0,46	0,42	0,38	0,33	0,29	0,26	0,22	226	1,00	2624

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Graph Ref.	Product	Frequency	Sound Power Level								dB(A) @ 3m
			63	125	250	500	1K	2K	4K	8K	
1	TF100H EC	Inlet	54	72	74	74	71	67	64	58	46
		Outlet	64	69	75	74	72	71	68	62	
		Breakout	28	34	44	45	49	45	45	35	
2	TF125H EC	Inlet	56	67	70	71	68	64	62	56	52
		Outlet	53	65	70	71	68	67	62	57	
		Breakout	35	33	45	53	54	48	51	45	
3	TF150 EC	Inlet	55	64	67	73	66	64	62	59	45
		Outlet	58	63	67	75	67	66	64	59	
		Breakout	43	32	45	47	43	44	42	33	
4	TF160 EC	Inlet	55	64	67	73	66	64	62	59	46
		Outlet	58	63	67	75	67	66	64	59	
		Breakout	43	32	45	47	43	44	42	33	
5	TF160H EC	Inlet	55	64	67	73	66	64	62	59	51
		Outlet	58	63	67	75	67	66	64	59	
		Breakout	43	32	45	47	43	44	42	33	
6	TF200H EC	Inlet	59	69	72	74	69	70	67	58	47
		Outlet	62	67	72	75	72	73	71	60	
		Breakout	20	38	41	50	46	42	42	34	
7	TF250H EC	Inlet	51	59	65	65	66	63	61	51	46
		Outlet	52	57	68	63	67	67	64	53	
		Breakout	21	38	40	48	40	35	35	29	
8	TF315 EC	Inlet	63	72	72	69	74	74	71	60	47
		Outlet	61	71	74	68	76	73	70	60	
		Breakout	30	40	45	50	45	46	41	31	
9	TF315H EC	Inlet	58	62	65	68	67	69	67	65	52
		Outlet	55	61	66	72	71	71	66	63	
		Breakout	30	51	51	50	50	53	45	34	