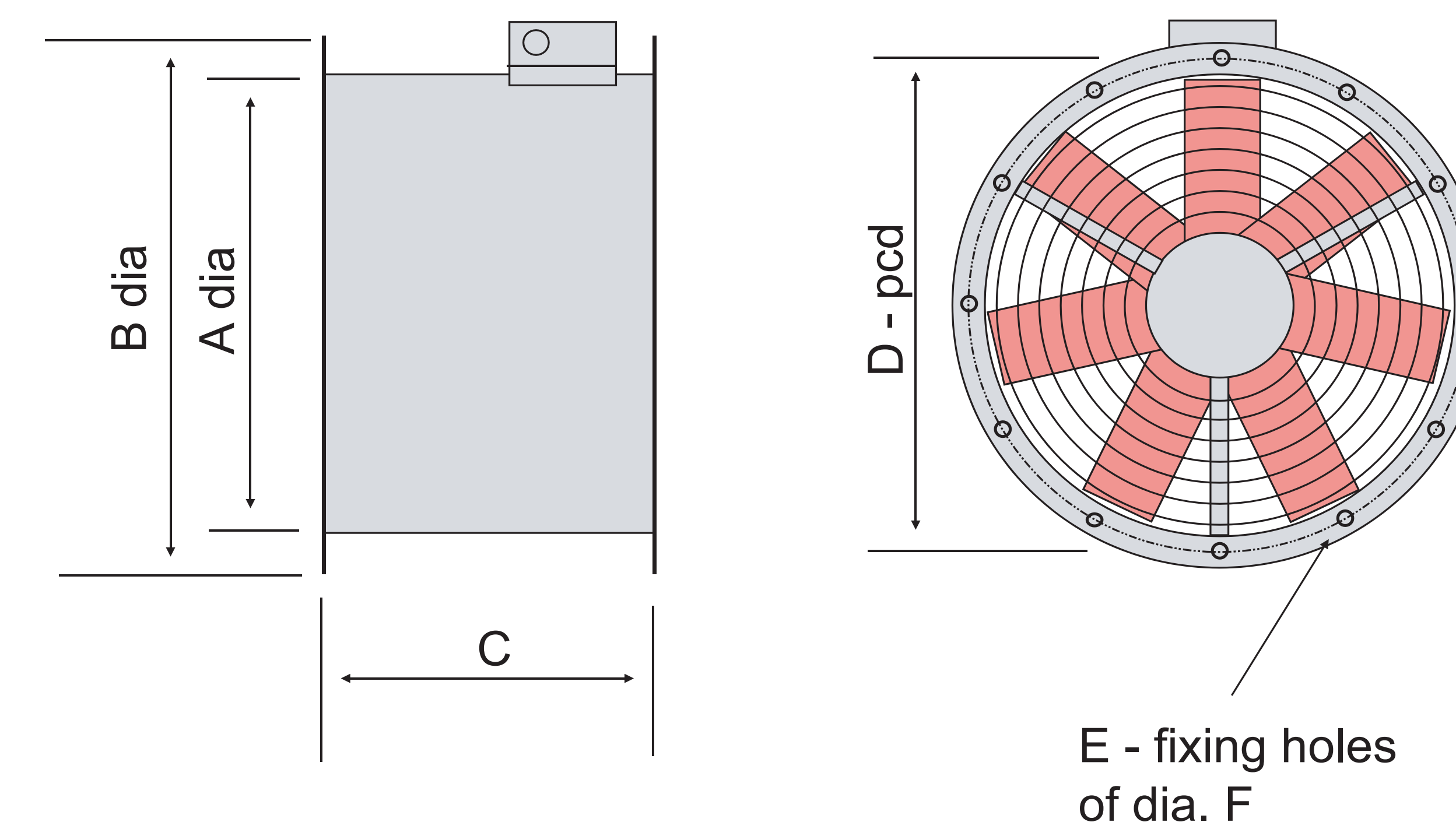




SPECIFICATION

- Casing**
Galvanised sheet steel.
- Impeller**
Axial blades of impact resistant polymers. Suitable for temperatures of -30 to +60 °C.
- Motor**
Totally enclosed IP 54/55. Sealed for life ball bearings.
- Motor protection**
All fans have motor protection. 1 ph. are pre-wired, 3 ph. thermal contacts wire via MD or RDS protection device.
- Terminal box**
All terminal box are mounted on the casing and IP 55.
- Guard**
All models have zinc plated or galvanised motor side guards.
- Speed control**
All models are speed controllable using the controllers below.
- Installation**
Installation in any position.
- Sound levels**
The sound levels given below are dB(A) at a distance of 4 metres.



ANCILLARIES



DIMENSIONS

Fan nominal size in mm	Ancillary kit 2-feet, 2-flex, flanges & avm	Feet (pair)	Flange	Flexible connector (pair)	Guard	Anti-vibration mountings (set of 4)	Silencer (RSD dia/length)	Fan nominal size in mm	Dimensions in mm					
									A	B	C	D	E	F
200	AK 200	MK 200-250	FR 200	FM 200	SG 200	SDD 1	SRSD 200/600	200	203	255	300	235	6	6.5
250	AK 250	MK 250-280	FR 250	FM 250	SG 250	SDD 1	RSD 250/600	250	253	305	300	286	6	6.5
315	AK 315	MK 315-355	FR 315	FM 315	SG 315	SDD 1	RSD 315/800	315	318	380	300	356	8	8.5
355	AK 355	MK 315-355	FR 355	FM 355	SG 355	SDD 1	RSD 355/800	355	358	420	300	395	8	8.5
400	AK 400	MK 400-450	FR 400	FM 400	SG 400	SDD 1	RSD 400/600	400	404	465	330	438	12	8.5
450	AK 450	MK 400-450	FR 450	FM 450	SG 500	SDD 1	RSD 450/600	450	454	515	330	487	12	8.5
500	AK 500	MK 500-560	FR 500	FM 500	SG 560	SDD 1.5	RSD 500/600	500	504	565	330	330	12	8.5
560	AK 560	MK 500-560	FR 560	FM 560	SG 710	SDD 1.5	RSD 560/600	560	560	640	500	605	16	11.5
630	AK 630	MK 630	FR 630	FM 630	SG 630	SDD 1.5	RSD 630/600	630	630	710	500	674	16	11.5
710	AK 710	MK 710	FR 710	FM 710	SG 630	SDD 2	RSD 710/600	710	710	810	500	751	16	11.5



Cased Axial fans 200 to 710 mm diameter

Hotline:
01206 228 500



Single phase models 230 V / 1 ph. / 50 Hz

SELECTION DATA

Fan code	Speed rpm	Volume flow m ³ /s against static pressure Pa.												Motor power kW	Current		Max. air flow temp		Speed controller		Weight kg	Sound level @ 4 m dB(A)
		0	25	50	75	100	125	150	175	200	250	300	350		full load A	speed controlled A	standard +°C	speed controlled +°C	Transformer	Electronic		
HRFW 200/4	1360	0.144	0.055											0.03	0.11	0.11	60	40	TSW 0.3	ESA 1	2.7	30
HRFW 200/2	2300	0.253	0.222	0.136	0.098	0.061								0.07	0.26	0.26	60	40	TSW 0.3	ESA 1	2.7	43
HRFW 250/4*	1380	0.267	0.150											0.04	0.20	0.20	60	40	TSW 0.3	ESA 1	7.5	44
HRFW 250/2*	2590	0.531	0.507	0.486	0.459	0.431	0.392	0.317						0.23	1.10	1.10	60	40	TSW 1.5	ESA 1	6.5	63
HRFW 315/4*	1405	0.589	0.542	0.472										0.13	0.60	0.60	60	40	TSW 1.5	ESA 1	8.0	51
HRFW 355/4*	1405	0.844	0.792	0.722	0.625									0.19	0.95	0.95	60	40	TSW 1.5	ESA 1	9.5	55
HRFW 400/4	1320	1.211	1.153	1.081	0.993	0.881								0.25	1.30	1.30	60	40	TSW 1.5	ESA 3	13.0	59
HRFW 450/6	960	1.125	1.014	0.875										0.18	0.90	1.00	60	40	TSW 1.5	ESA 3	15.5	49
HRFW 450/4	1250	1.494	1.422	1.319	1.215	1.058								0.49	2.10	2.10	60	40	TSW 3.0	ESA 3	15.5	62
HRFW 500/6	910	1.492	1.356	1.181	0.833									0.22	1.10	1.20	60	40	TSW 1.5	ESA 3	17.3	52
HRFW 500/4	1410	2.311	2.239	2.156	2.061	1.950	1.828	1.683	1.406					0.55	2.30	2.60	40	40	TSW 3.0	ESA 3 i	17.3	65
HRFW 560/6	955	2.250	2.014	1.744	1.430									0.35	1.80	2.10	60	40	TSW 3.0	ESA 3 i	22.0	52
HRFW 560/4	1405	3.586	3.460	3.345	3.211	3.058	2.892	2.708	2.511	2.297				0.90	4.50	5.60	40	40	TSW 7.5	ESA 6 i	25.0	62
HRFW 630/4	1415	4.964	4.808	4.653	4.483	4.306	4.132	3.958	3.785	3.611	3.139			1.25	6.60	7.00	40	40	TSW 7.5	ESA 10 i	35.0	65

* ATEX certified explosion proof models available ring 01206 228 500.

Three phase models 400 V / 3 ph. / 50 Hz

SELECTION DATA

Fan code	Speed rpm	Volume flow m ³ /s against static pressure Pa.													Motor power kW	Current		Max. air flow temp		Speed controller	Weight kg	Sound level @ 4 m dB(A)
		0	25	50	75	100	125	150	175	200	250	300	350	450		full load A	speed controlled A	standard +°C	speed controlled +°C			
HRFD 315/4*	1330	0.589	0.540	0.472										0.10	0.25	0.25	60	40	RDS 1 ¹⁾	8.0	51	
HRFD 315/2*	2700	1.114	1.089	1.064	1.039	1.011	0.983	0.947	0.908	0.871	0.753			0.51	1.00	1.00	50	40	RDS 2 ¹⁾	8.0	70	
HRFD 355/4*	1420	0.844	0.792	0.722	0.626									0.29	1.12	1.12	60	40	RDS 2 ¹⁾	9.5	55	
HRFD 355/2*	2650	1.556	1.531	1.500	1.469	1.436	1.389	1.361	1.319	1.272	1.169	0.994		0.88	1.60	1.70	50	40	RDS 2 ¹⁾	14.0	74	
HRFD 400/4*	1380	1.211	1.153	1.081	0.993	0.881								0.30	0.85	0.85	60	40	RDS 1 ¹⁾	13.0	59	
HRFD 400/2	2800	2.347	2.319	2.292	2.259	2.228	2.193	2.157	2.083	2.078	1.992	1.897	1.786	1.633	1.40	2.80	–	40	–	Inverter	17.5	78
HRFD 400/2/2	2650	2.233	2.197		2.133	2.067	2.014	1.950	1.894	1.840	1.701	1.494		1.37	2.50	2.50	40	40	RDS 4 ¹⁾	17.5	78	
HRFD 450/4*	1350	1.611	1.422	1.447	1.342	1.225	1.028							0.48	0.90	1.10	50	40	RDS 2 ¹⁾	15.5	62	
HRFD 500/4*	1320	2.164	2.028	1.911	1.811	1.692	1.519							0.61	1.25	1.25	40	40	RDS 2 ¹⁾	17.2	65	
HRFD 560/4*	1380	3.586	3.460	3.319	3.176	3.028	2.892	2.708	2.511	2.297				0.80	1.75	1.80	40	40	RDS 2 ¹⁾	23.0	62	
HRFD 630/6*	970	2.922	2.665	2.408	2.083									0.49	1.80	1.80	60	40	RDS 2 ¹⁾	28.0	55	
HRFD 630/4/4	1390	4.964	4.809	4.653	4.483	4.306	4.132	3.959	3.820	3.611	3.139			1.33	3.80	3.80	40	40	RDS 4 ¹⁾	35.0	65	
HRFD 710/4/4 26 deg	1370	6.556	6.404	6.251	6.042	5.862	5.700	5.450	5.208	4.996	4.528	4.028	3.133	2.20	5.90	5.80	40	40	RDS 7 ¹⁾	75.0	71	

* ATEX certified explosion proof models available ring 01206 228 500.

1) With motor overhear protection – requires 6 core cable to the fan.