

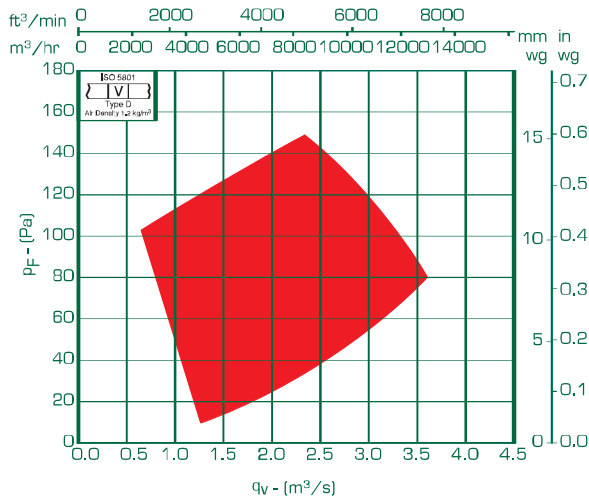
Ventilation-Flaktwoods 56 JM

Aerofoil fan 56JM - 63JM

Section 5.1

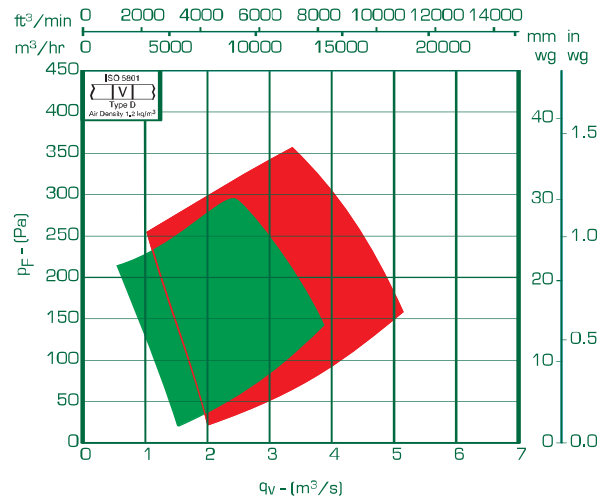
6 Pole

63JM/20/6/6/...



4 Pole

56JM/20/4/6/... 63JM/20/4/6/...



Product Code	Speed rev/min	m³/s at Pa (Static)									
		0	50	100	150	200	250	300	400	500	600
56JM/16/4/5/24	1420	3.05	2.82	2.55	2.22	1.82					
56JM/16/4/5/32	1420	3.73	3.42	3.23	2.80	2.38					
56JM/20/4/6/36	1420	4.05	3.82	3.60	3.21	2.90					
56JM/20/2/6/24	2910	6.30	6.20	6.10	6.05	5.90	5.85	5.70	5.46	5.20	4.35
63JM/20/6/6/22	900	2.51	2.2	1.75							
63JM/20/6/6/34	900	3.55	3.10	2.50							
63JM/20/4/6/18	1420	3.45	3.30	3.10	2.90	2.65	2.25				
63JM/20/4/6/32	1420	5.30	5.10	4.81	4.55	4.15	3.82				

† For graphical data of 56JM 2 Pole see page 125

Electrical Data

Product Code	Speed rev/min	Motor	220-240V/50Hz/1Φ								Sound Level dBA
			Product Number	Pitch Angle (°)	Motor Rating (kW)	Full Load Current (at 230V) (A)	Starting Current (at 230V) (A)	Wiring Diagram Ref	Speed Controller		
									Elec- tronic	Trans- former	
56JM/16/4/5/...	1420	CT5	JL571453	18-20	0.52	3.9	7.8	CD1705	ME1.6	MT1.5	57
56JM/16/4/5/...	1420	CT9	DX571456	26-32	0.97	6.7	13.5	CD1705	ME1.6	MT1.8	58
56JM/20/4/6/...	1420	CT9	DX571459	26-28	0.97	6.7	13.5	CD1705	ME1.6	MT1.8	58
63JM/20/6/6/...	900	CT5	JL641651	16-20	0.29	2.3	4.1	CD1705	N/A	N/A	49
63JM/20/6/6/...	900	CT9	JL641652	26-30	0.53	0.38	6.8	CD1705	ME1.6	MT1.8	52
63JM/20/4/6/...	1420	CT9	DX641453	14-16	0.97	6.7	13.5	CD1705	ME1.6	MT1.8	61

Product Code	Speed rev/min	Motor	380-420V/50Hz/3Φ									Sound Level dBA
			Product Number	Pitch Angle (°)	Motor Rating (kW)	Full Load Current (at 400V) (A)	Starting Current (at 400V) (A)	Wiring Diagram Ref	Speed Controller			
									Elec- tronic	Trans- former	Inverter	
56JM/16/4/5/...	1420	CT5	JL591452	16-24	0.54	1.8	4.9	CD1343	ME3.2D	MT3.2	FWD1	57
56JM/16/4/5/...	1420	CT9	DX591453	24-28	0.83	2.30	8.6	CD1343	N/A	AT7.0	FWD1	58
56JM/20/4/6/...	1420	CT9	DX591458	28-32	1.15	3.2	11	CD1343	ME3.2D	AT7.0	FWD2	61
56JM/20/2/6/...	2910	PM112	EX591201	8-24	6.2	11.64	100	CD1343	N/A	N/A	FWD6	73
63JM/20/6/6/...	900	CT5	JL661651	16-20	0.3	1.02	2.35	CD1559	ME3.2D	MT3.2	FWD1	49
63JM/20/6/6/...	900	CT9	JL661652	26-30	0.5	1.5	4.5	CD1559	ME3.2D	MT3.2	FWD1	50
63JM/20/4/6/...	1420	CT9	DX661453	18-20	1.15	3.2	11	CD1559	ME3.2D	AT7.0	FWD2	61
63JM/20/4/6/...	1420	F22	DX661454	24-32	2.1	5	27	CD1343	N/A	AT7.0	FWD2	61

Sound pressure levels quoted are average dBA at 3m distance over a sphere, under free field conditions and are presented for comparative purposes only.

Fans that include BT or CT motors can be continuously operated at temperatures up to 70°C.

When these fans are operating in excess of 50°C they should be run at full speed only.

For Short cased fans please omit the prefix from the product number and state S-type on enquiries/orders.

Product numbers shown are for Long cased fans.



www.flaktwoods.com/express

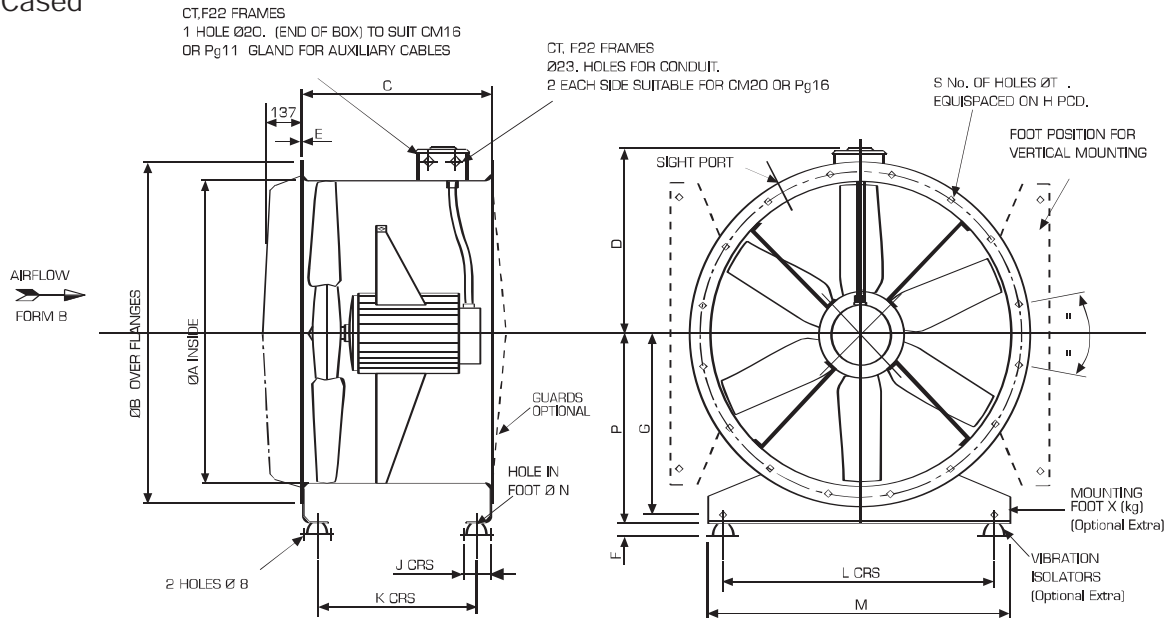
Express Range	-	These products are available from our UK Express Distributor on same day delivery from the date of order.
Standard Service	-	Please consult your local distributor for availability maximum 15 days.

Aerofoil fan 56JM - 63JM

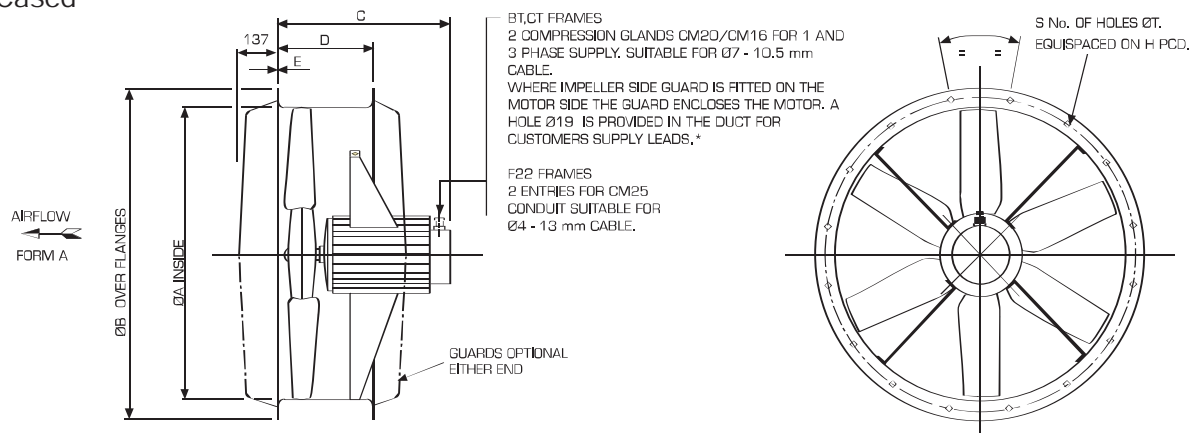
Section 5.1

Dimensions

Long Cased



Short Cased



Product Code	Motor Range	A	B	C	D	E	F	G	H	J	K	L	M	N	P	S	T	U	X	Max. Fan Weight (kg)
Long Cased																				
56JM	CT	560	654	375	368	2.5	25	330	620	66	280	510	560	10	355	12	12	-	2.3	38
56JM	F22	560	654	520	368	3	25	330	620	66	424	510	560	10	355	12	12	-	2.3	62
63JM	CT	630	724	375	403	3	25	375	690	66	289	580	630	10	400	12	12	-	2.4	52
63JM	F22/PM112	630	724	520	403	3	25	375	690	66	434	580	630	10	400	12	12	-	2.4	83
Short Cased																				
56JM	CT5	560	654	308	225	2.5	-	-	620	-	-	-	-	-	-	12	12	-	-	22
56JM	CT9	560	654	348	225	2.5	-	-	620	-	-	-	-	-	-	12	12	-	-	26
56JM	PM112	560	654	392	225	3	-	-	620	-	-	-	-	-	-	12	12	-	-	52
63JM	CT5	630	724	308	225	3	-	-	690	-	-	-	-	-	-	12	12	-	-	36
63JM	CT9	630	724	348	225	3	-	-	690	-	-	-	-	-	-	12	12	-	-	40
63JM	F22	630	724	444	225	3	-	-	690	-	-	-	-	-	-	12	12	-	-	56

All dimensions shown in mm.

For a full range of accessories including silencers, speed controllers and mountings, please refer to section 5.10 or 9.1 (which shows all accessories).

Wiring diagram references can be found in section 9.2.

Please refer to our Fläkt Woods inverter & speed control warranty clause on page 226.

