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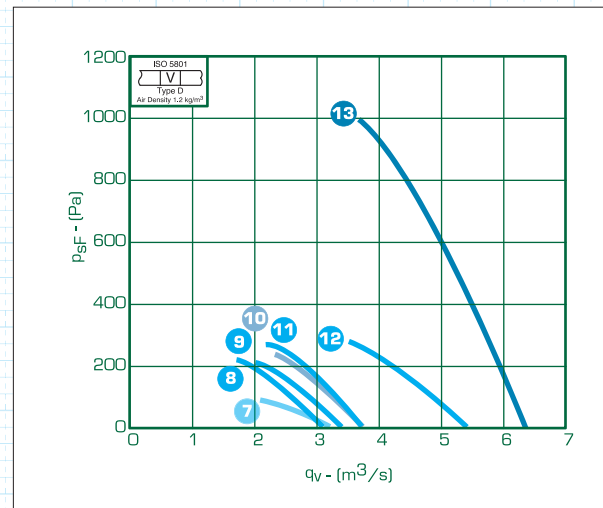
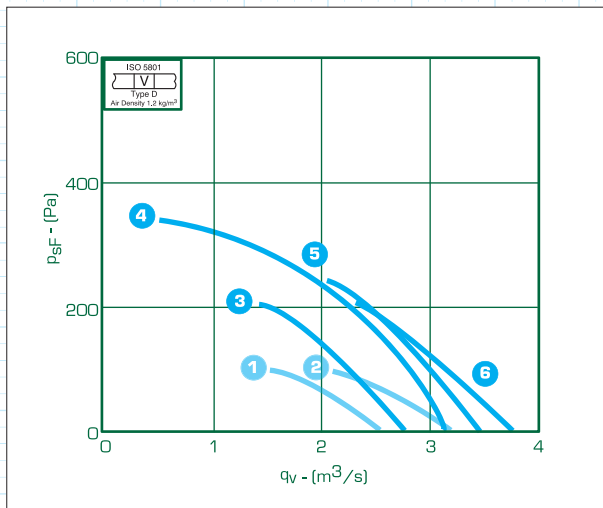
Performance Data

1 Phase

1 - 63JM/20/6/6/22 3 - 56JM/16/4/5/20 5 - 56JM/20/4/6/28
2 - 63JM/20/6/6/30 4 - 63JM/20/4/6/16 6 - 56JM/16/4/5/32

3 Phase

7 - 63JM/20/6/6/30 9 - 56JM/16/4/5/28 11 - 63JM/20/4/6/20 13 - 56JM/20/2/6/24
8 - 56JM/16/4/5/24 10 - 56JM/20/4/6/32 12 - 63JM/20/4/6/32



JM Aerofoil fan

56-63JM

Super
XPRESS
Range

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.

Bold text denotes Super Express Product, next day delivery available if ordered by 4pm.

Electrical Data

Ref	Product Code	Speed rev/min	Motor	220-240V/50Hz/1Φ								Sound Level dBA	m ³ /s at Pa (Static)						
				Product Number	Pitch Angle (°)	Motor Rating (kW)	Full Load Current (at 230V) (A)	Starting Current (at 230V) (A)	Wiring Diagram Ref	Speed Controller			0	50	100	150	200	250	300
										Electronic	Transformer								
3	56JM/16/4/5/...	1420	CT5	JL571453	18-20	0.52	3.9	7.8	CD1705	ME1.6	MT1.5	57	2.74	2.50	2.24	1.93	1.46		
6	56JM/16/4/5/...	1420	CT9	DX571456	32	0.97	6.7	13.5	CD1705	ME1.6	MT1.8	58	3.76	3.46	3.15	2.81	2.38		
5	56JM/20/4/6/...	1420	CT9	DX571459	28	0.97	6.7	13.5	CD1705	ME1.6	MT1.8	58	3.47	3.25	3.01	2.74	2.43		
1	63JM/20/6/6/...	900	CT5	JL641651	16-22	0.29	2.3	4.1	CD1705	ME1.3	MT1.5	49	2.57	2.23	1.78				
2	63JM/20/6/6/...	900	CT9	JL641652	26-30	0.53	0.38	6.8	CD1705	ME1.6	MT1.8	52	3.25	2.85	2.32				
4	63JM/20/4/6/...	1420	CT9	DX641453	16	0.97	6.7	13.5	CD1705	ME1.6	MT1.8	61	3.12	2.98	2.80	2.58	2.30	1.95	1.38

Wiring diagrams can be found on pages 22-23

Ref	Product Code	Speed rev/min	Motor	380-420V/50Hz/3Φ								Sound Level dBA	m ³ /s at Pa (Static)									
				Product Number	Pitch Angle (°)	Motor Rating (kW)	Full Load Current (at 400V) (A)	Starting Current (at 400V) (A)	Wiring Diagram Ref	Speed Controller			0	50	100	150	200	250	300	400	500	600
										Transformer	Inverter											
8	56JM/16/4/5/...	1420	CT5	JL591452	16-24	0.54	1.8	4.9	CD1343	MT3.2	FWX1	57	3.09	2.83	2.56	2.27	1.85					
9	56JM/16/4/5/...	1420	CT9	DX591453	28	0.83	2.3	8.6	CD1343	MT3.7	FWX1	58	3.44	3.16	2.88	2.55	2.12					
10	56JM/20/4/6/...	1420	CT9	DX591458	32	1.15	3.2	11	CD1343	MT3.7	FWX2	61	3.80	3.57	3.31	3.03	2.70					
13	56JM/20/2/6/...	2910	112	EX591201	8-24	6.2	11.4	77.5	CD1343	N/A	FWX6	73	6.33	6.25	6.16	6.05	5.98	5.85	5.77	5.53	5.30	5.03
7	63JM/20/6/6/...	900	CT9	JL661652	26-30	0.5	1.5	4.5	CD1559	MT3.2	FWX1	50	3.24	2.86	2.33							
11	63JM/20/4/6/...	1420	CT9	DX661453	20	1.15	3.2	11	CD1559	MT3.7	FWX2	61	3.77	3.57	3.37	3.14	2.89	2.55				
12	63JM/20/4/6/...	1420	F22	DX661454	32	2.1	5	27	CD1343	MT3.7	FWX2	61	5.40	5.12	4.87	4.56	4.23	3.83				

The fan noise levels shown are for the specified operating point. When an electronic controller is incorporated, a magnetic not e (enhanced motor noise) can occur - par ticularly if the fan is operating at speeds well below maximum. For noise sensitive applications FWL recommend using an auto transformer speed controller . Fans are supplied at catalogue stat ed angle. Should you wish for the pitch angle to be adjusted, we would be happy to of fer a quotation.

