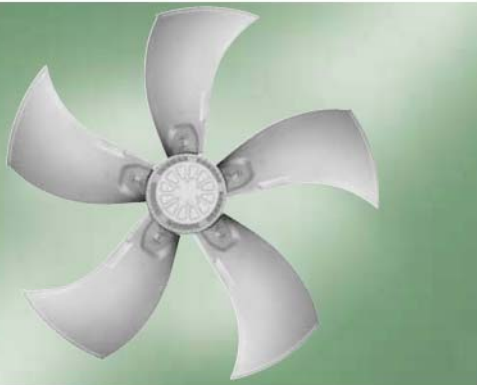


AC axial fans

S series, Ø 910



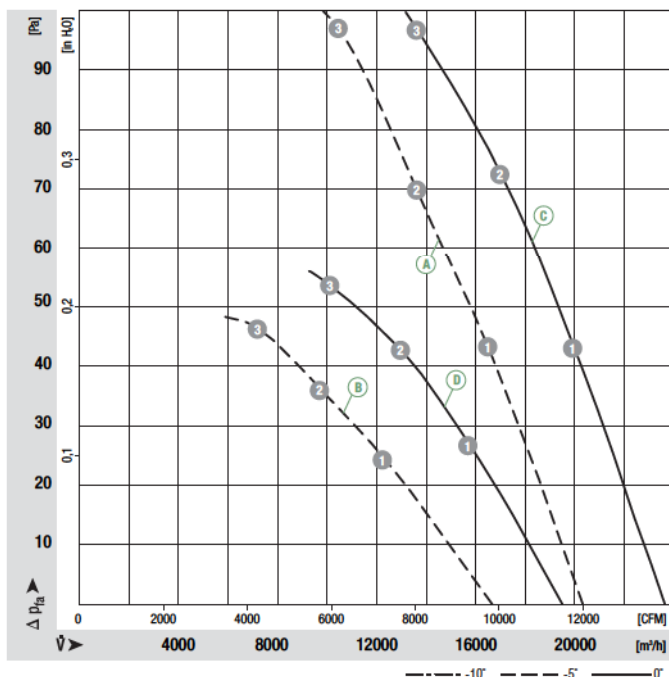
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
Wall ring: Sheet steel, pre-galvanised and coated in black plastic
Blades: Die-cast aluminium
Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm ⁽¹⁾	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	Motor			VAC	Hz	rpm	kW	A	µF/VDB	Pa	°C	p. 416 f.
*8D 910	M8D 138-HF	-5°	(A)	3~ 400 Δ	50	645	0.85	2.09	—	90	-40 to +60	F1b)/F2b)
			(B)	3~ 400 Y	50	450	0.45	1.00	—	43	-40 to +60	
*8D 910	M8D 138-LA	0°	(C)	3~ 400 Δ	50	665	1.11	2.70	—	90	-40 to +65	F1b)/F2b)
			(D)	3~ 400 Y	50	495	0.68	1.36	—	50	-40 to +65	
*ZD 910	MZD 138-HF	0°	(E)	3~ 400 Δ	50	425	0.42	1.15	—	40	-40 to +70	F1b)/F2b)
			(F)	3~ 400 Y	50	315	0.22	0.50	—	21	-40 to +70	
*ZD 910	MZD 138-HF	-5°	(G)	3~ 400 Δ	50	430	0.32	0.86	—	42	-40 to +100	F1b)/F2b)
			(H)	3~ 400 Y	50	320	0.17	0.40	—	22	-40 to +100	

subject to alterations

(1) Nominal data in operating point (3) with maximum load

Curves

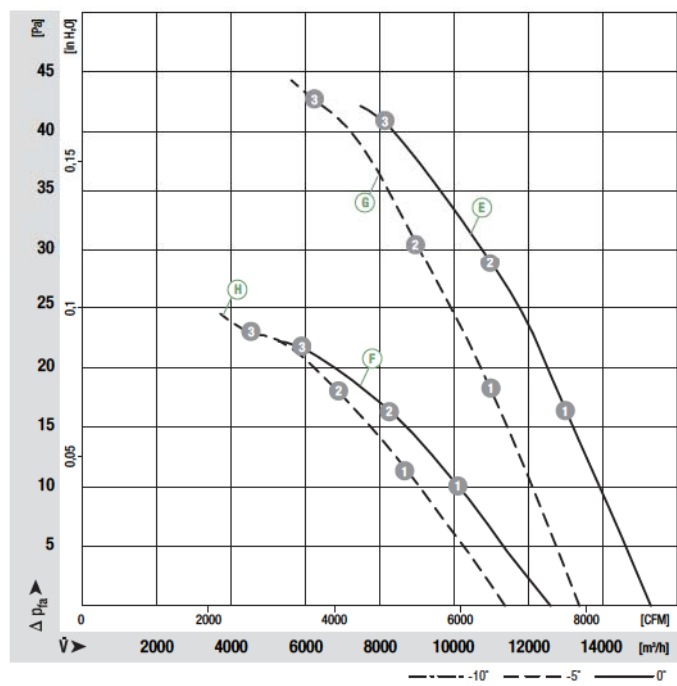


	n [rpm]	P ₁ [kW]	I [A]	L _{wA} [dB(A)]
(A) 1	670	0.73	1.94	68
(A) 2	655	0.80	2.03	68
(A) 3	645	0.85	2.09	69
(B) 1	500	0.43	0.95	62
(B) 2	460	0.44	0.99	60
(B) 3	450	0.45	1.00	60
(C) 1	685	0.94	2.49	69
(C) 2	675	1.03	2.57	69
(C) 3	665	1.11	2.70	71
(D) 1	540	0.62	1.23	64
(D) 2	515	0.65	1.30	63
(D) 3	495	0.68	1.36	64

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class:** I (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	< "V"/"A" >		< "V"/"A" >		< "V" >		< "V" >		"A" >		"A" >		< "V" >	
	Without attachments	With full square nozzle	With guard grille for full nozzle	With guard grille for short nozzle	With guard grille for full nozzle	With guard grille for short nozzle	With guard grille for full nozzle	With guard grille for short nozzle	In-line duct fan					
"V"	A8D 910-AN07 -01	W8D910-GN07 -01	S8D 910-CN07 -01	S8D 910-AN07 -01	—	—	—	—	—	—	—	—	—	—
"A"	A8D 910-AN07 -02	W8D910-DN07 -02	—	—	—	—	—	—	—	—	—	—	—	—
"V"	A8D 910-AJ03 -01	W8D910-GJ03 -01	S8D 910-CJ03 -01	S8D 910-AJ03 -01	—	—	—	—	—	—	—	—	—	—
"A"	A8D 910-AJ03 -02	W8D910-DJ03 -02	—	—	—	—	—	—	—	—	—	—	—	—
"V"	AZD 910-AM03 -01	WZD 910-GM03 -01	SZD 910-CM03 -01	SZD 910-AM03 -01	—	—	—	—	—	—	—	—	—	—
"A"	AZD 910-AM03 -02	WZD 910-DM03 -02	—	—	—	—	—	—	—	—	—	—	—	—
"V"	AZD 910-AN05 -01	WZD 910-GN05 -01	SZD 910-CN05 -01	SZD 910-AN05 -01	—	—	—	—	—	—	—	—	—	—
"A"	AZD 910-AN05 -02	WZD 910-DN05 -02	—	—	—	—	—	—	—	—	—	—	—	—

Curves



	n [rpm]	P ₁ [kW]	I [A]	L _{wA} [dB(A)]
E 1	445	0.36	1.11	61
E 2	435	0.39	1.13	59
E 3	425	0.42	1.15	61
F 1	345	0.20	0.46	54
F 2	330	0.21	0.48	53
F 3	315	0.22	0.50	53
G 1	450	0.27	0.81	60
G 2	440	0.29	0.84	59
G 3	430	0.32	0.86	61
H 1	360	0.16	0.36	54
H 2	340	0.17	0.38	53
H 3	320	0.17	0.40	53