



PRN.AX

Wall Type Exproof Fans

ATEX



AX/ATEX Axial Wall Type Ex-proof Fans

General Features

There are different model options in the range of 355-1000 mm
It has square plate and wire mesh.

With aerofoil section and adjustable angle blades are produced by aluminum injection casting method.

The fan casing is produced from hard steel and it is coated electrostatic powder coating as standard.

Aluminum plate in accordance with EN14986:2017 standards is rotated between the fan and the fan case.

It is suitable for operation in temperature range -20°C/+55°C

Motor

IP 65 protected, IE2/3 high efficiency and with self lubricating bearing, fully enclosed type, in F insulation class. There are 4,6,8 pole motor options depending on the model and II 2G Eex d/e IIB/IIC T4-T3 protection ratings.

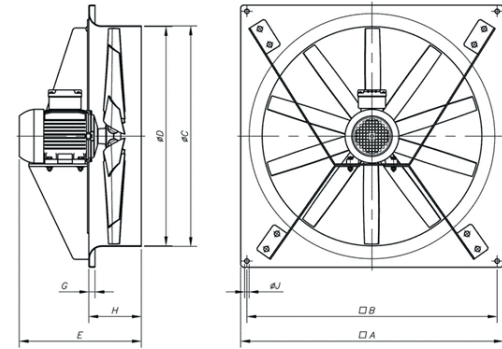
It is 400V-50Hz as standard and it is suitable for use with frequency converter.

Areas of Usage

Explosive area ventilation

Industrial warehouse ventilation

Petrochemical plants



Ölçüler / Dimensions

MODEL	øD	øC	A	B	E	H
AX/ATEX 35	355	357	475	390	250	60
AX/ATEX 40	400	402	520	430	250	60
AX/ATEX 45	450	453	630	520	290	80
AX/ATEX 50	500	503	665	555	290	100
AX/ATEX 56	560	563	750	630	350	120
AX/ATEX 63	630	633	850	730	445	130
AX/ATEX 71	710	714	910	780	475	160
AX/ATEX 80	800	804	970	840	510	180
AX/ATEX 90	900	904	1200	1050	580	180
AX/ATEX 100	1000	1004	1200	1050	600	200

Genel Özellikler / General Features

MODEL	m³/h	V-50Hz	MOTOR			Static Pressure Performance Table (Pst/Pa)												SPL dB(A)
			(kW)	(rpm)	(A)	0	25	50	75	100	125	150	175	200	225	250	275	
AX/ATEX 35-4T-0,18	2860	400V-50Hz	0,12	1380	0,65	2860	2600	2300	2000	1500								67
AX/ATEX 40-4T-0,27	4200	400V-50Hz	0,18	1380	0,75	4200	3950	3600	3200	2660	2000							72
AX/ATEX 40-4T-0,37	4800	400V-50Hz	0,25	1420	1,00	4800	4450	4050	3600	3100	2600							72
AX/ATEX 45-4T-0,55	6730	400V-50Hz	0,37	1425	1,35	6730	6350	5880	5350	4800	3900							75
AX/ATEX 50-4T-0,55	7600	400V-50Hz	0,37	1425	1,35	7600	7200	6750	6210	5600	4670	3150						74
AX/ATEX 50-4T-0,75	8920	400V-50Hz	0,55	1410	1,50	8920	8450	7950	7400	6750	6000	4240						76
AX/ATEX 56-4T-0,75	9670	400V-50Hz	0,55	1410	1,50	9670	9300	8850	8380	7860	7300	6600	5700	4400				79
AX/ATEX 56-4T-1	11000	400V-50Hz	0,75	1430	2,10	11000	10600	10200	9750	9240	8690	8000	6960	5430				77
AX/ATEX 56-4T-1,5	12800	400V-50Hz	1,1	1440	2,70	12800	12400	11900	11500	10900	10400	9620	8800	7680	6500			78
AX/ATEX 63-4T-1	13600	400V-50Hz	0,75	1430	2,10	13500	13000	12500	12000	11300	10700	10000	9000	7600	6500			79
AX/ATEX 63-4T-1,5	16000	400V-50Hz	1,10	1440	2,70	16000	15400	14900	14400	13900	13100	12300	11300	10000	8500			80
AX/ATEX 63-4T-2	18500	400V-50Hz	1,50	1440	3,45	18500	18000	17300	16700	16000	15400	14600	13600	12300	11000			81

MODEL	m³/h	V-50Hz	MOTOR			Static Pressure Performance Table (Pst/Pa)												SPL dB(A)
			(kW)	(rpm)	(A)	50	100	150	200	250	300	350	400	450	550	650	750	
AX/ATEX 63-4T-3	20000	400V-50Hz	2,2	1440	4,66	19100	18000	16800	15400	13500								84
AX/ATEX 71-4T-3	23400	400V-50Hz	2,2	1440	4,66	22300	21000	19800	18500	16700	14500							87
AX/ATEX 71-4T-4	26600	400V-50Hz	3	1440	6,27	25500	24300	23000	21200	19300	16400							88
AX/ATEX 80-4T-4	30000	400V-50Hz	3	1440	6,27	28400	27100	25600	24100	22400	20300	17500						88
AX/ATEX 80-4T-5,5	34100	400V-50Hz	4	1450	8,5	32700	31400	29800	28200	26300	24400	21300						89
AX/ATEX 80-4T-7,5	38500	400V-50Hz	5,5	1460	10,6	37000	35400	33800	32000	30000	27600	23800						90
AX/ATEX 90-4T-5,5	38500	400V-50Hz	4	1440	8,5	37100	35600	33800	31700	29400	26700	23000	18000					87
AX/ATEX 90-4T-7,5	45800	400V-50Hz	5,5	1460	10,6	44200	42300	40500	38700	36500	34100	30600	25000					90
AX/ATEX 90-4T-10	52000	400V-50Hz	7,5	1460	14,4	50300	48600	46500	44500	42000	39000	36200	30200					92
AX/ATEX 100-4T-7,5	49500	400V-50Hz	5,5	1460	10,6	47700	45900	43800	41700	39100	36400	33400	29800	23000				95
AX/ATEX 100-4T-10	58000	400V-50Hz	7,50	1460	14,4	56000	54200	52100	50000	47400	44700	41500	37600	30300				95
AX/ATEX 100-4T-15	66500	400V-50Hz	11,00	1470	21,2	64000	61800	59700	57600	55000	52100	48400	44500	38500				95