



ALÇ

INDUSTRIAL RADIAL FANS / Backward Curved

Fan Components and Material Properties

The body is made of high quality galvanized sheet steel. The ALÇ 315-400 models are made of high quality galvanized steel which is resistant to corrosion. ALÇ 450-560 models are made of aluminum sheet. All models have an asynchronous motor and have air flow at max.120°C.

Fan Structure

Single suction, low pressure radial fan type. The fan blades are aerodynamically curved and provide regular flow. The fans are composed of backward sloping and infrequently arranged fins.

Benefits

With the screwing system, the frame can be easily rotated to the desired shooting position.

They are able to provide high air flow rates at nominal static pressures. Thanks to the aerodynamic wing structure, they work quietly. Speed can be adjusted with speed control devices. The motor housing protects the electric motor from external influences.

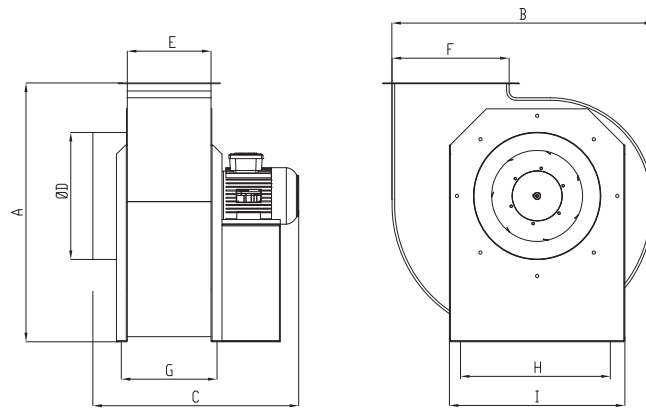
Speed Control

Optional control devices can be provided. Speed control with frequency inverter can be done in 3~phase products (see BSC-F accessory)

Usage Areas

In factories, workshops and factories etc. ventilation is used where required. It is suitable for smoke extraction and exhaust air exhaust filter.

Technical Drawing and Tables

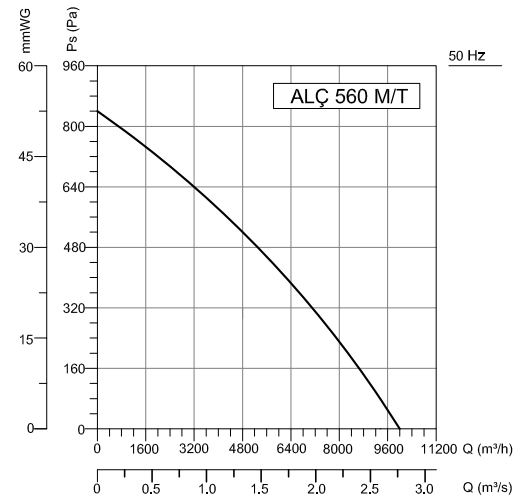
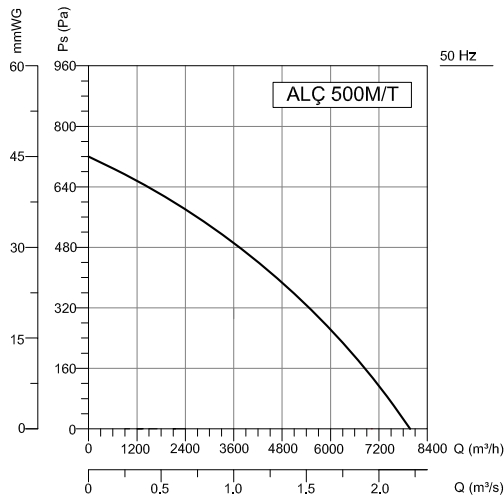
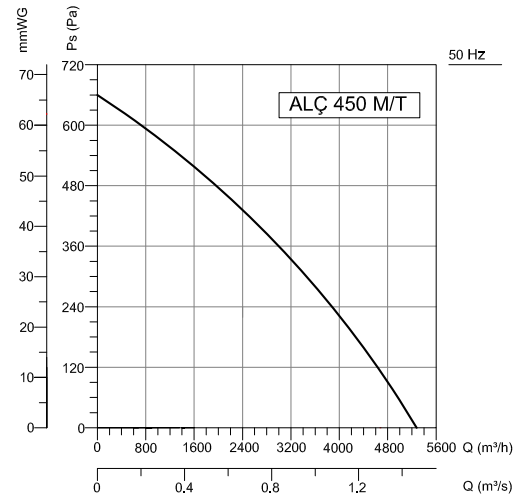
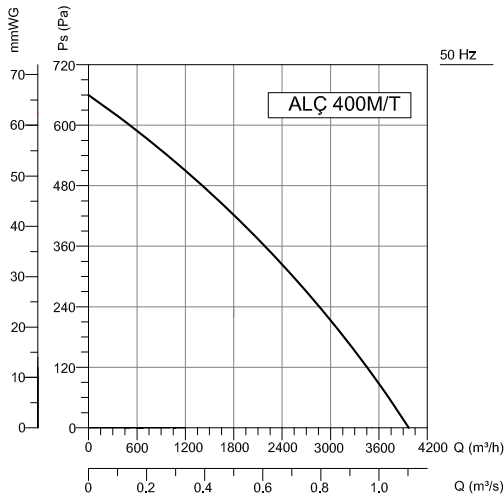
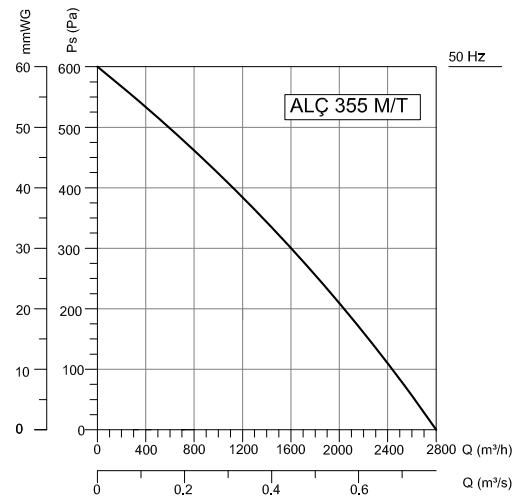
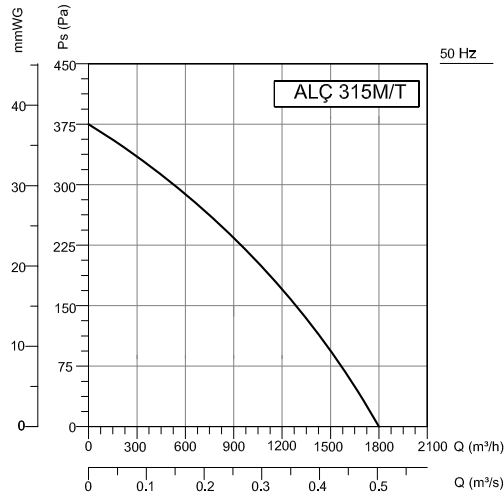


TYPE	A	B	C	D	E	F	G	H	I
ALÇ 315	560	567	490	250	185	256	219	320	380
ALÇ 355	645	639	495	300	192	286	224	359	419
ALÇ 400	714	720	525	350	211	316	245	424	484
ALÇ 450	792	810	565	350	232	356	264	465	525
ALÇ 500	889	906	660	427	290	400	322	524	584
ALÇ 560	996	1015	745	470	318	448	349	604	704

Dimensions are in (mm)

	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
TYPE	V	Hz	kW	(A)	(µF)	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg
ALÇ 315M	230	50	0,25	2,1	10	1380	1800	37-29	F	55	41
ALÇ 355M	230	50	0,25	2,1	10	1380	2800	41-33	F	55	53
ALÇ 400M	230	50	0,37	3,4	15	1390	4000	42-34	F	55	64
ALÇ 450M	230	50	0,55	4,5	20	1365	5300	45-37	F	55	70
ALÇ 500M	230	50	1,1	7,5	35	1410	8000	49-42	F	55	90
ALÇ 560M	230	50	2,2	14,2	50	1420	10000	52-44	F	55	103
ALÇ 315T	380	50	0,25	0,87	-	1380	1800	37-29	F	55	41
ALÇ 355T	380	50	0,25	0,87	-	1380	2800	41-33	F	55	53
ALÇ 400T	380	50	0,37	1,2	-	1390	4000	42-34	F	55	64
ALÇ 450T	380	50	0,55	1,6	-	1365	5300	45-37	F	55	70
ALÇ 500T	380	50	1,1	2,6	-	1410	8000	49-42	F	55	90
ALÇ 560T	380	50	2,2	4,9	-	1420	10000	52-44	F	55	103

The sound level is measured at a distance of 4-10 m in open field condition.



Accessories



BSC-F



BYH



BESB



BTY



BYKS



BDEB