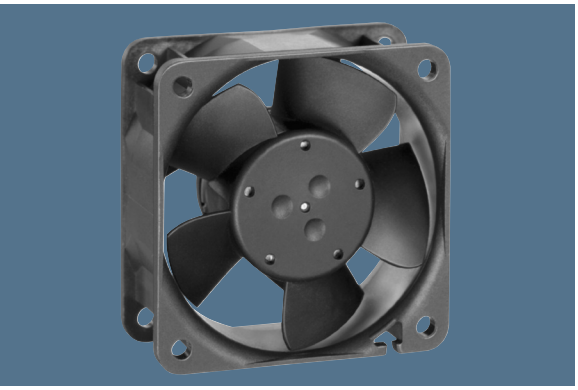
max. 56 m^3/h

DC axial fans

Series 600 N 60 x 60 x 25 mm



Highlights:

- Ball bearings and sleeve bearings available.
- Some models suitable for use at high ambient temperatures up to 85 °C.

General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation clockwise, seen on rotor.
- Mass: 66 g.

Nominal data	Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings / Ball bearings	Power input	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst Standard	Service life L_{10} (T_{max}) ebm-papst Standard	Life expectancy $L_{10\Delta}$ (40 °C) see P. 15	Curve	Specials
Type	m^3/h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	RPM	°C	Hours		Hours	P. 110-118	
612 NGLE	21	12,4	**12**	8...15	16	3,6	□	0,6	2 500	-20...+85	80 000 / 27 500		160 000	1	
612 NLE	21	12,4	**12**	8...15	16	3,6	■	0,4	2 500	-20...+85	80 000 / 27 500		160 000	1	
612 NGMLE	25	14,7	**12**	8...15	19	3,9	□	0,7	3 000	-20...+80	80 000 / 32 500		160 000	2	
612 NMLE	25	14,7	**12**	8...15	19	3,9	■	0,4	3 000	-20...+85	80 000 / 27 500		160 000	2	
612 NGME	35	20,6	**12**	8...15	28	4,6	□	1,2	4 100	-20...+75	80 000 / 35 000		160 000	3	
612 NME	35	20,6	**12**	8...15	28	4,6	■	0,8	4 100	-20...+75	80 000 / 35 000		160 000	3	/2
612 NN	42	24,7	**12**	8...15	35	5,0	■	1,6	5 100	-20...+70	70 000 / 35 000		140 000	4	
612 NH	46	27,1	**12**	8...15	37	5,3	■	2,0	5 600	-20...+70	70 000 / 35 000		140 000	5	/2
612 NHH-118	56	33,0	**12**	8...15	41	5,7	■	2,9	6 800	-20...+70	60 000 / 30 000		120 000	6	/2
614 NGL	21	12,4	**24**	18...28	16	3,6	□	1,0	2 500	-20...+70	80 000 / 40 000		160 000	1	
614 NL	21	12,4	**24**	18...28	16	3,6	■	0,9	2 500	-20...+70	80 000 / 40 000		160 000	1	/2
614 NGML	25	14,7	**24**	18...28	19	3,9	□	1,2	3 000	-20...+70	80 000 / 40 000		160 000	2	/2
614 NML	25	14,7	**24**	18...28	19	3,9	■	1,0	3 000	-20...+70	80 000 / 40 000		160 000	2	
614 NGM	35	20,6	**24**	18...28	28	4,6	□	1,7	4 100	-20...+70	80 000 / 40 000		160 000	3	/12
614 NM	35	20,6	**24**	18...28	28	4,6	■	1,4	4 100	-20...+70	80 000 / 40 000		160 000	3	/2/39
614 NN	42	24,7	**24**	18...28	35	5,0	■	1,8	5 100	-20...+70	70 000 / 35 000		140 000	4	
614 NH	46	27,1	**24**	18...26	37	5,3	■	2,1	5 600	-20...+70	70 000 / 35 000		140 000	5	/2
614 NHH	56	33,0	**24**	18...26	41	5,7	■	3,0	6 850	-20...+70	60 000 / 30 000		120 000	6	
614 NHH-119	56	33,0	**24**	18...28	41	5,7	■	3,0	6 850	-20...+70	60 000 / 30 000		120 000	6	/2
618 NM	35	20,6	**48**	36...56	28	4,6	■	1,4	4 100	-20...+70	80 000 / 40 000		160 000	3	
618 NN	42	24,7	**48**	36...56	35	5,0	■	2,1	5 100	-20...+65	70 000 / 40 000		140 000	4	/2/12/39

