





Application

Fans adapted to forcing air with a density of $\rho=1.2 \text{ kg/m}^3$, intended for duct mounting. Used in rooms where a large amount of air is required, transported over long distances, e.g. in production halls, warehouses, machine rooms, etc. They can work as supply or exhaust. As standard, the fan is designed to work at temperatures up to $+40^\circ\text{C}$. Other temperature ranges available on request. Horizontal working position, or any on request.

Construction

Fan housing made of steel sheet, steel impeller or aluminum on request. Protected against corrosion in the form of powder painting or hot-dip galvanized on request.

Technical data:

Type	Efficiency MAX	Efficiency nominal	Pressure nominal	Input power	Highest speed	Rated Current ** 3x400V	Noise*	Weight
	[m ³ /h]	[m ³ /h]	[Pa]	[kW]	[obr./min]	[A]	[dB(A)]	[kg]
MACH-40	5000	4089	51	0,25	1400	0,71	74	40
MACH-50	8250	6125	83	0,37	1400	0,98	78	41
MACH-56/1	7900	4680	200	0,55	1400	1,6	78	43
MACH-56/2	12200	9720	210	1,1	1400	2,7	82	52
MACH-56/3	14200	11520	218	1,5	1400	3,7	86	55
MACH-63/1	12600	9000	190	1,1	1400	2,7	86	56
MACH-63/2	15800	12960	225	1,5	1400	3,7	86	59
MACH-63/3	19900	16200	250	2,2	1400	5,2	88	66
MACH-71/1	19800	14400	270	2,2	1400	5,2	82	111
MACH-71/2	25200	19800	320	3	1400	6,9	83	115
MACH-71/3	28800	23400	340	4	1400	8,3	85	123
MACH-80/1	25300	16200	320	3	1400	6,9	85	122
MACH-80/2	32700	23400	360	4	1400	8,3	85	130
MACH-80/3	37800	29880	380	5,5	1400	11,1	86	144
MACH-100 AM	29830	25920	137	3	950	6,9	92	210
MACH-100 AD	46400	36000	330	7,5	1400	14,4	100	220
MACH-120 AM	61200	41400	195	5,5	950	12	92	310
MACH-120 AD	82800	62280	450	18,5	1400	32,2	105	406

*Measurement at a distance of 4m **Guide values, may change the application depending on the motor used
Rated currents are given on the rating plate and in the operating instructions.

Dimensions:

Typ	Dimensions						
	ØD	ØD1	A	E	C	F	n x Ød
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
MACH-40	400	438	440	260	385	300	8 x 9,5
MACH-50	500	538	450	310	395	370	8 x 9,5
MACH-56	560	600	500	370	310	340	12 x 9,5
MACH-63	630	670	540	405	350	460	12 x 9,5
MACH-71	710	750	550	445	410	510	12 x 9,5
MACH-80	800	840	630	490	550	580	16 x 9,5

Typ	ØD	ØD1	A	B	C	n x Ød	E	F
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
MACH-100 A	1000	1073	700	150	400	24x15	600	700
MACH-120 A	1200	1273	850	150	550	28x19	750	840