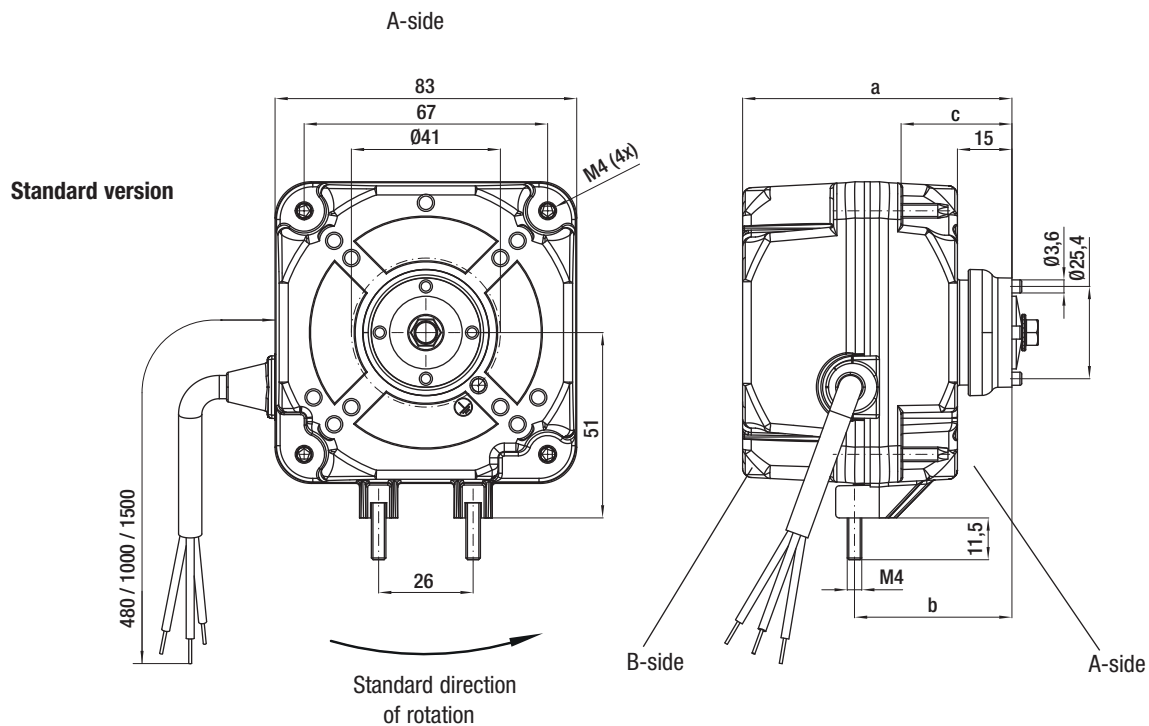


Technical data

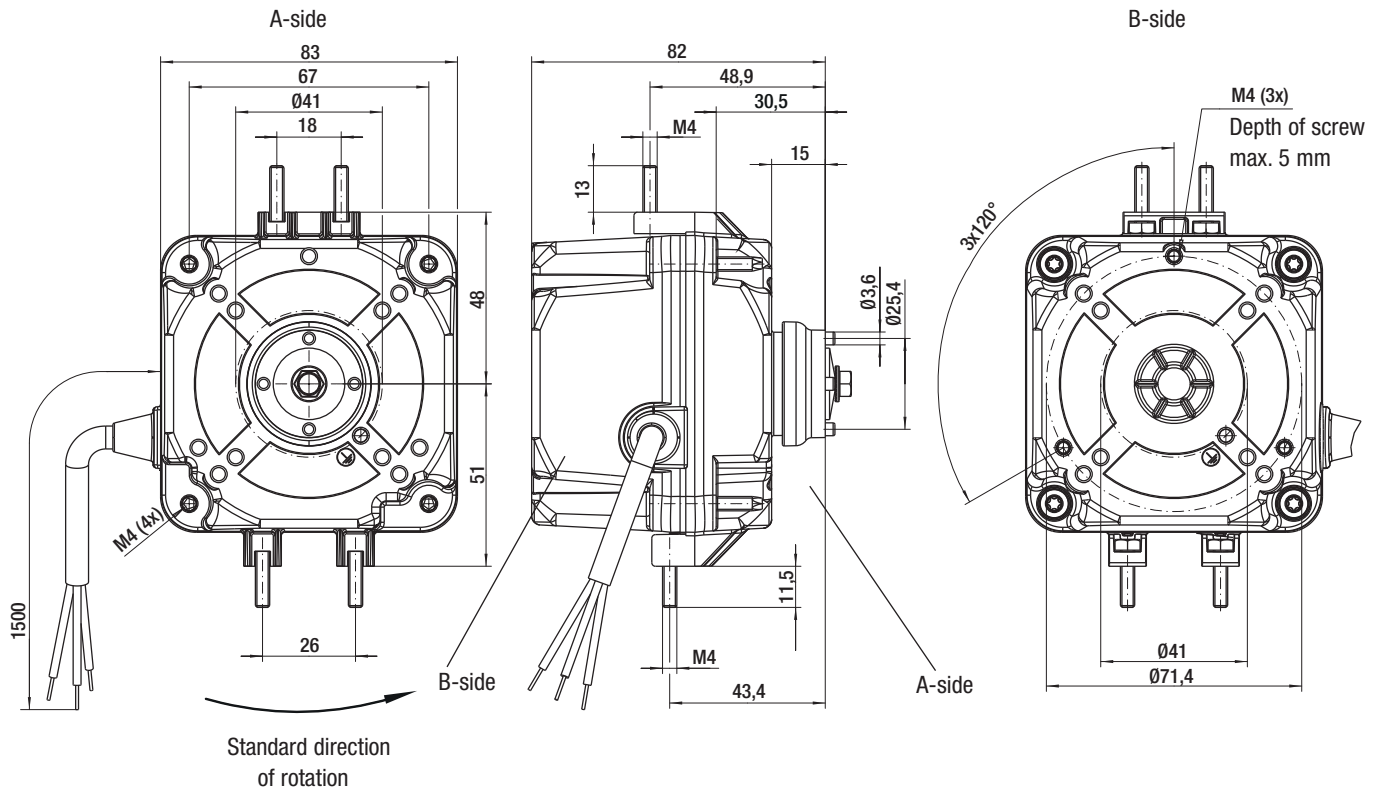
Nominal data		Nominal voltage	Frequency	Speed/rpm	Output power	Perm. amb. temp.	Mass	Dimensions		
Type	Features	V	Hz	rpm	W	°C	kg	a	b	c
iQ/iQ² 3608	Standard, ROS, ROD, 2 Speeds	220-240	50/60	1300	5	-40..+50	0,5	74	43,5	30,5
		115*	50/60	1550	5	-40..+50	0,5			
	Hybrid	220-240	50/60	1300	5	-40..+50	0,4			
		115*	50/60	1550	5	-40..+50	0,4			
iQ/iQ² 3612	Standard, ROS, ROD, 2 Speeds	220-240	50/60	1300	15	-40..+50	0,6	82	43,5	30,5
		115*	50/60	1550	15	-40..+50	0,6			
	Hybrid	220-240	50/60	1300	15	-40..+50	0,5			
		115*	50/60	1550	15	-40..+50	0,5			
	24 V	24	--	1300	11	-40..+50	0,6			
		24	--	400-1300	11	-40..+50	0,6			
iQ/iQ² 3620	Standard, ROS, ROD, 2 Speeds	220-240	50/60	1300	20	-40..+50	0,8	90	51,5	38,5
		115*	50/60	1550	20	-40..+50	0,8			
	Hybrid	220-240	50/60	1300	20	-40..+50	0,7			
		115*	50/60	1550	20	-40..+50	0,7			
	24 V	24	--	1300	15,5	-40..+50	0,8			
		24	--	400-1300	15,5	-40..+50	0,8			

subject to alterations

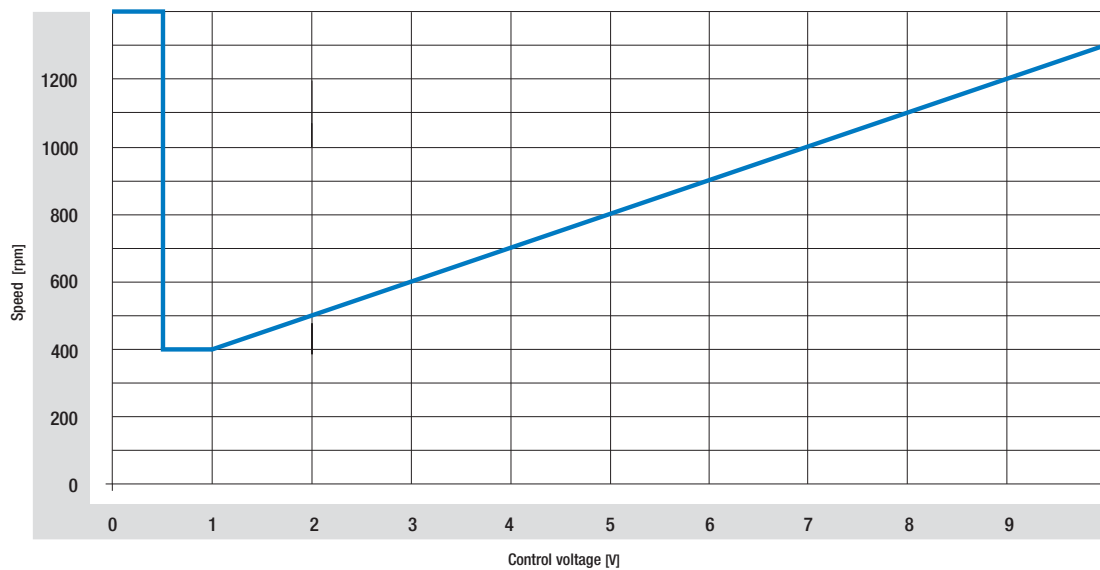
*With 2 Speeds: upper speed



**Multi function version
(only iQ 3612)**



24 V version; 400 - 1300 rpm; 0-10 V interface
Speed vs. control voltage:



iQ/iQ²-motor – combination with axial impellers

Power input and air flow



Motor	Axial impeller diameter	Axial impeller blade angle	Curves	Input power running at full throttle	Input power running at free air	Air flow running at free air at n=1300 rpm
iQ/iQ ² 3608	mm	°		W	W	m³/h
	154	22	A	3,0	2,0	170
	154	28		3,8	2,8	190
	154	34		4,1	3,3	220
	172	22	B	4,6	2,6	230
	172	28		6,1	3,8	270
	172	34		7,8	5,0	310
	200	22	C	9,2	4,5	360
	200	28		9,2	5,5	410
iQ/iQ ² 3612	mm	°		W	W	m³/h
	172	28	B	4,2	2,9	270
	172	34		5,7	3,8	310
	200	22	D	5,1	3,4	360
	200	28		8,3	5,3	410
	200	34		12,1	7,3	470
	230	22	E	9,6	6,0	520
	230	28		19,0	13,1	710
	230	34		20,5	16,9	750
	254	22	F	21,2	11,3	710
	254 *	28		19,3	21,2	980
iQ/iQ ² 3620	mm	°		W	W	m³/h
	230	22	E	16,1	8,3	520
	230	28		21,2	11,9	710
	230	34		25,0	13,9	750
	254	22	G	26,5	12,3	710
	254	28		27,4	23,1	980
	254 *	34		25,7	28,4	1010
	300 *	22	H	23,7	24,3	1380

subject to alterations

* Depending on back pressure, full nominal speed of 1300 min⁻¹ is not reached to some part. Depending on mounting situation and version, a speed of approx. 1200 min⁻¹ (+/- 100 min⁻¹) is reached. Due to the intelligent electronics, however, safe (permanent) operation is still guaranteed.

Power ratings (220 - 240 V design):

Power input and air flow at 230 V / 50 Hz and a constant speed of 1300 min⁻¹.