

Nominal data

Type	K3G630-RB21-01	
Motor	M3G150-IF	
Phase		3~
Nominal voltage	VAC	400
Nominal voltage range	VAC	380 .. 480
Frequency	Hz	50/60
Type of data definition		ml
State		prelim.
Speed	min ⁻¹	1300
Power input	W	2750
Current draw	A	4.3
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	55

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

Data according to ErP directive

Installation category	A
Efficiency category	Static
Variable speed drive integrated	Integrated
Specific ratio*	1,01

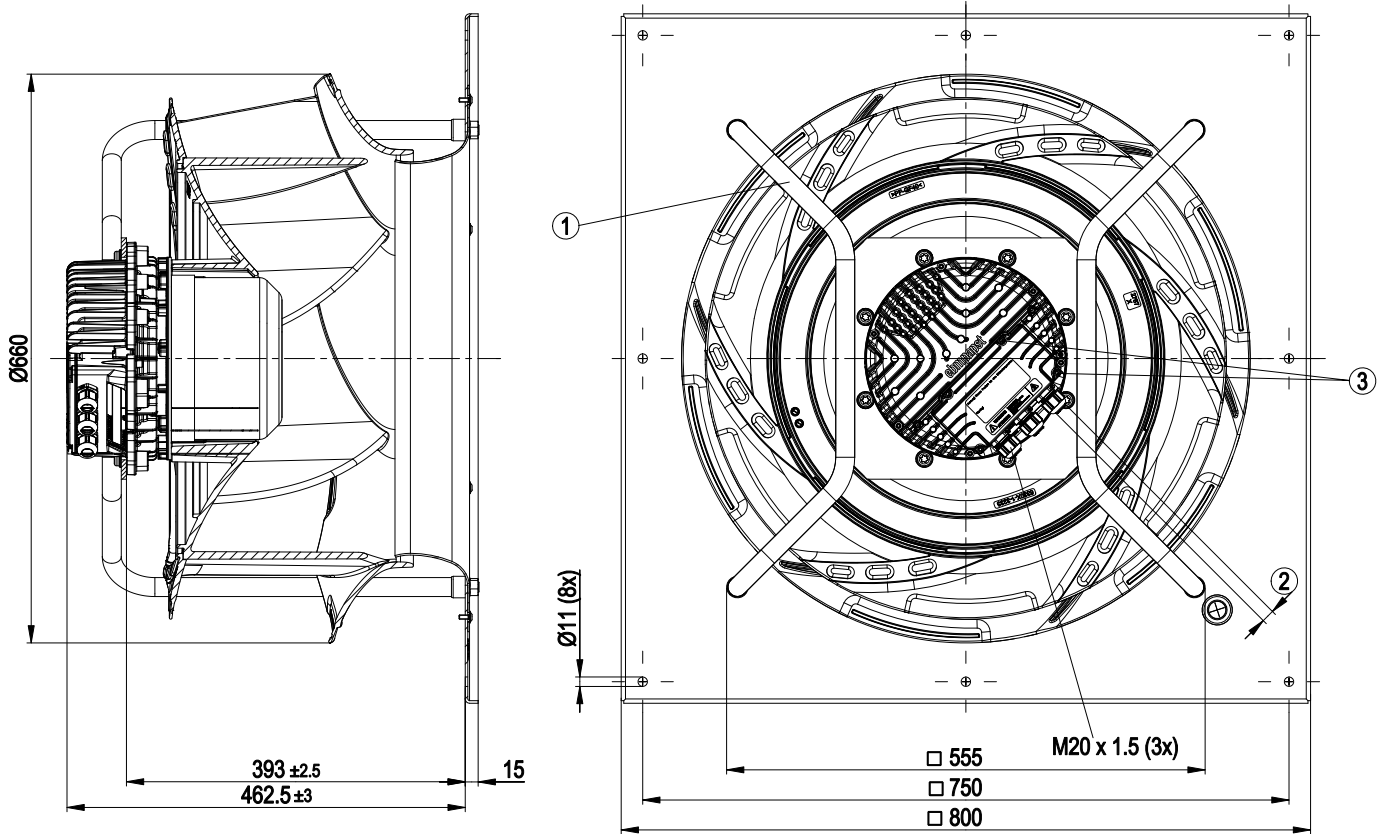
* Specific ratio = $1 + p_b / 100\,000\text{ Pa}$

	Actual	Request 2013	Request 2015
Overall efficiency η_{es}	65,7	52,1	56,1
Efficiency grade N	71,6	58	62
Power input P_{ed}	kW	2,76	
Air flow q_v	m ³ /h	11165	
Pressure increase p_{fs}	Pa	553	
Speed n	min ⁻¹	1305	

Data established at point of optimum efficiency

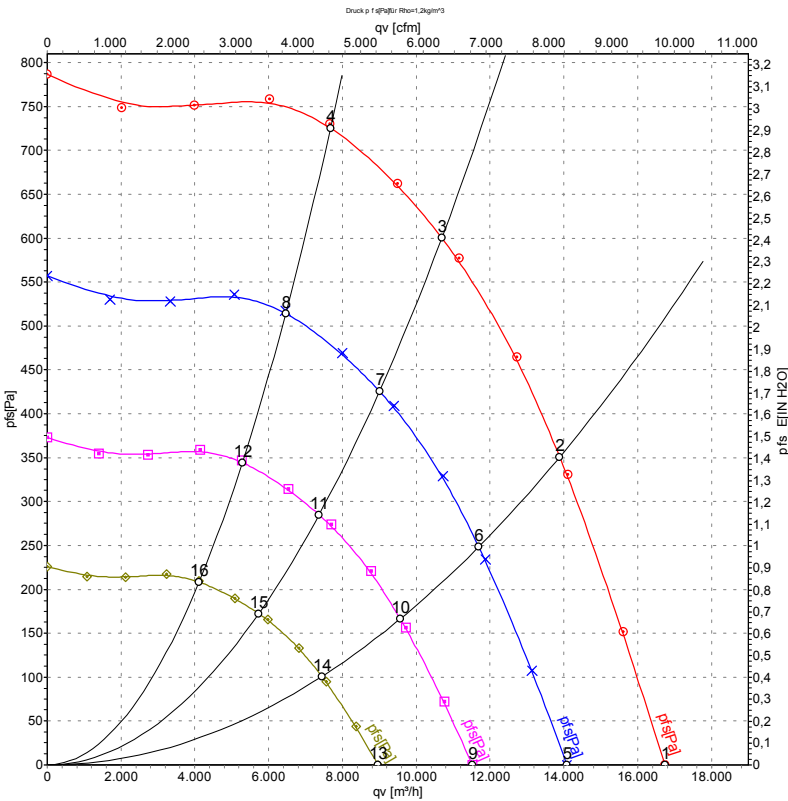


Product drawing



1	Mounting position: shaft horizontal (install the support struts only vertically as shown in the view!) or rotor on bottom; rotor on top on request
2	Cable diameter: min. 4 mm, max. 10 mm, tightening torque: 4 ± 0.6 Nm
3	Tightening torque 3.5 ± 0.5 Nm

Charts: Air flow 50 Hz



Measurement: LU-137530

Air performance measured as per ISO 5801
Installation category A. For detailed
information on the measuring set-up, please
contact ebm-papst. Suction-side noise
levels: L_{WA} measured as per ISO 13347 /
L_{pA} measured with 1m distance to fan axis.
The values given are valid under the
measuring conditions mentioned above and
may vary according to the actual installation
situation. With any deviation from the
standard set-up, the specific values have to
be checked and reviewed with the unit
installed.

Measured values

	Conn.	U	f	n	P _{ed}	I	LpA _{in}	LwA _{in}	LwA _{out}	qv	p _{fs}
		V	Hz	min ⁻¹	W	A	dB(A)	dB(A)	dB(A)	m³/h	Pa
1	Y	400	50	1300	1779	2.93	79	86	91	16740	0
2	Y	400	50	1300	2506	4.05	73	79	85	13890	350
3	Y	400	50	1300	2750	4.30	70	77	82	10690	600
4	Y	400	50	1300	2651	4.26	73	80	84	7675	725
5	Y	400	50	1100	1060	1.75	75	82	87	14090	0
6	Y	400	50	1100	1495	2.42	69	76	81	11690	250
7	Y	400	50	1100	1648	2.65	66	73	78	9005	426
8	Y	400	50	1100	1584	2.54	69	76	80	6460	518
9	Y	400	50	900	581	0.96	71	78	83	11530	0
10	Y	400	50	900	819	1.32	65	71	77	9565	167
11	Y	400	50	900	902	1.45	62	69	73	7365	285
12	Y	400	50	900	868	1.39	65	72	76	5285	346
13	Y	400	50	700	273	0.45	66	73	77	8965	0
14	Y	400	50	700	385	0.62	59	66	71	7440	101
15	Y	400	50	700	425	0.68	56	63	68	5730	173
16	Y	400	50	700	408	0.66	59	66	70	4110	210

