

EL...E

Type EL 250 E2 01
ID 112382

Connection data entire unit				
Rated frequency	Hz	50	Rated current	A 0.8
Rated voltage	V	230	Rated speed	1/min 2810
Rated power	W	180	Max. static efficiency	% 44.8
Max. operating current	A	1	Max. total efficiency	% 49.2
Phase		1~	Max. allowed frequency (3~ motors)	Hz -
Motor Type		1~	Max. allowed RPM (EC-motors)	1/min -
Type of motor control		V	Max. power consumption	W 180
Motor protection		TMI	Max. current consumption	A 1
Capacitor μ	μ F	6	Max. rotation speed	1/min 2890
Capacitor voltage	V	400	Max. air flow	m ³ /h 1740
Insulation class motor		F	Min. pressure	Pa -
Number of poles		2	Max. pressure	Pa 470
IP motor		IP00	Max. allowed ambient temperature at rated current	°C 70
IP terminal box		IP44	Max. allowed medium temperature at rated current	°C 70
IP complete unit		IPX4	Max. allowed ambient temperature	°C 55
Min. operating temperature	°C	-25	Max. allowed medium temperature	°C 55
			Blocking current	A 2.6
			Min. allowed voltage	V 80
			Weight	kg 6,4

Sound Measurement (Octave)				Σ	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
SWL inlet	L _{WA5}	dB(A)	1	77	-	59	66	72	72	69	66	60
			2	74	-	58	63	70	70	66	62	55
			3	72	-	45	57	64	67	66	63	54
			4	72	-	36	55	61	66	67	67	56
			5	75	-	39	59	65	68	69	71	60
SWL outlet	L _{WA6}	dB(A)	1	81	-	61	68	74	77	74	68	62
			2	78	-	58	64	72	74	71	65	58
			3	78	-	56	64	72	74	71	64	57
			4	77	-	40	66	70	72	70	67	56
			5	79	-	41	69	72	74	73	70	59
SWL housing break out	L _{WA2}	dB(A)	1	59	-	49	49	52	54	53	47	44
			2	58	-	50	48	51	52	51	44	41
			3	54	-	41	46	47	49	48	42	38
			4	53	-	36	47	44	48	47	43	38
			5	55	-	38	46	46	49	49	46	40

Data in accordance with ErP Directive 327/2011 of the European Parliament

Overall efficiency	% 44.9
Measurement category	A
Efficiency category	statisch
Efficiency grade at optimum energy efficiency point	N 63.4
Speed control	-
Year of manufacture	see nameplate
Commercial registration number	Local District Court Mannheim HRB 560366
Place of manufacturer	ruck Ventilatoren GmbH, Germany
ID-number	112382
Nominal motor power input at optimum energy efficiency point	kW 0.174
Volumetric flow at optimum energy efficiency point	m ³ /h 1119

Pressure at optimum energy efficiency point	Pa	274
Rotations per minute at the optimum energy efficiency point	1/min	2824
The specific ratio		The specific ratio is close to 1 and significantly below 1.11.
Information on dismantling, recycling and disposal		Observe the user manual of this product.
Optimal life		Observe the user manual of this product.
Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.		No special items have been used for determining the fan energy efficiency, except the required connection components according to the measurement category.