ECO design information (N Series Fans 50/60Hz)

#	Product information requirement (N10/N16)	N10 230V 1-Phase 50/60Hz	N10 400V 3-Phase 50/60Hz	N16 110/230V 1-Phase 50/60Hz	N16 230/400V 3-Phase 50/60Hz
1.	Overall efficiency (%).	35	36	46	43
2.	Measurement category (A-D).(1)	D	D	D	D
3.	Efficiency category (Total).	Total	Total	Total	Total
4.	Efficiency grade at optimum energy efficiency point (%).	31,2	33,1	41,3	40,0
5.	Did fan efficiency calculation use an integrated VSD.	No	No	No	No
6.	Year of manufacture.	See the product's identification label.			
7a.	Manufacturer's name.	See the product's identification label.			
7b.	Commercial registration number.	See the product's identification label.			
7c.	Place of manufacturer.	See the product's identification label.			
8	Model number.	See the product's identification label.			
9a	Rated motor power input ().	0,55	0,55	0,55	0,55
9b	Flow rate at optimum energy efficiency ().	800	800	800	750
9c.	Pressure at optimum energy efficiency (Pa).	680	680	730	850
10.	Rotations per minute at the optimum energy efficiency point (rpm).	2920	2910	2710	2870
11.	Specific ratio.(2)	1,007	1,007	1,007	1,008
12.	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling.			
13.	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan.			
14.	Additional items.(3)				

1. According to Commission regulation (EU) No 327/2011 implementing Directive 2009/125/EC.
2. The stagnation pressure measured at the fan outlet divided by the stagnation pressure at the fan inlet at the optimal energy efficiency point of the fan.
3. Additional items used when determining the fan energy efficiency that are not described in the measurement category and not supplied with the fan.

#	Product information requirement (N24)	N24 230V 1-Phase 50/60Hz	N24 110V 1-Phase 50/60Hz	N24 200V 3-Phase 50/60Hz	N24 400V 3-Phase 50/60Hz
1.	Overall efficiency (%).	43	38	52	51
2.	Measurement category (A-D).(1)	D	D	D	D
3.	Efficiency category (Total).	Total	Total	Total	Total
4.	Efficiency grade at optimum energy efficiency point (%).	40,3	35,6	46,6	47,4
5.	Did fan efficiency calculation use an integrated VSD.	No	No	No	No
6.	Year of manufacture.	See the product's identification label.			
7a.	Manufacturer's name.	See the product's identification label.			
7b.	Commercial registration number.	See the product's identification label.			
7c.	Place of manufacturer.	See the product's identification label.			
8	Model number.	See the product's identification label.			
9a	Rated motor power input (kW).	0,75	0,75	0,9	0,9
9b	Flow rate at optimum energy efficiency (m^3/h).	1200	1100	1200	1200
9c.	Pressure at optimum energy efficiency (Pa).	1100	1200	1200	1200
10.	Rotations per minute at the optimum energy efficiency point (rpm).	2750	3350	2875	2875
11.	Specific ratio.(2)	1,011	1,012	1,012	1,012
12.	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling.			
13.	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan.			
14.	Additional items.(3)				

1. According to Commission regulation (EU) No 327/2011 implementing Directive 2009/125/EC.
2. The stagnation pressure measured at the fan outlet divided by the stagnation pressure at the fan inlet at the optimal energy efficiency point of the fan.
3. Additional items used when determining the fan energy efficiency that are not described in the measurement category and not supplied with the fan.

#	Product information requirement (N29)	N29 230V 1,5kW 3-Phase 50/60Hz	N29 400V 1,5kW 3-Phase 50/60Hz	N29 230V 2,2kW 3-Phase 50/60Hz	N29 400V 2,2kW 3-Phase 50/60Hz
1.	Overall efficiency (%).	51	55	58	66
2.	Measurement category (A-D).(1)	D	D	D	D
3.	Efficiency category (Total).	Total	Total	Total	Total
4.	Efficiency grade at optimum energy efficiency point (%).	47,4	51,7	53,9	57,1
5.	Did fan efficiency calculation use an integrated VSD.	No	No	No	No
6.	Year of manufacture.	See the product's identification label.			
7a.	Manufacturer's name.	See the product's identification label.			
7b.	Commercial registration number.	See the product's identification label.			
7c.	Place of manufacturer.	See the product's identification label.			
8	Model number.	See the product's identification label.			
9a	Rated motor power input (kW).	1,5	1,5	2,2	2,2
9b	Flow rate at optimum energy efficiency (m^3/h).	1150	1150	1800	1800
9c.	Pressure at optimum energy efficiency (Pa).	2750	2750	2200	2200
10.	Rotations per minute at the optimum energy efficiency point (rpm).	2750	2750	2930	2930
11.	Specific ratio.(2)	1,027	1,027	1,022	1,022
12.	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling.			
13.	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan.			
14.	Additional items.(3)				

1. According to Commission regulation (EU) No 327/2011 implementing Directive 2009/125/EC.
2. The stagnation pressure measured at the fan outlet divided by the stagnation pressure at the fan inlet at the optimal energy efficiency point of the fan.
3. Additional items used when determining the fan energy efficiency that are not described in the measurement category and not supplied with the fan.

#	Product information requirement (N40)	N40 230V 1,5/2,2kW 3-Phase 50/60Hz	N40 400V 1,5/2,2kW 3-Phase 50/60Hz
1.	Overall efficiency (%).	47	46
2.	Measurement category (A-D).(1)	D	D
3.	Efficiency category (Total).	Total	Total
4.	Efficiency grade at optimum energy efficiency point (%).	46,0	45,7
5.	Did fan efficiency calculation use an integrated VSD.	No	No
6.	Year of manufacture.	See the product's identification label.	
7a.	Manufacturer's name.	See the product's identification label.	
7b.	Commercial registration number.	See the product's identification label.	
7c.	Place of manufacturer.	See the product's identification label.	
8	Model number.	See the product's identification label.	
9a	Rated motor power input (kW).	1,5	1,5
9b	Flow rate at optimum energy efficiency (m^3/h).	1300	1300
9c.	Pressure at optimum energy efficiency (Pa).	1350	1350
10.	Rotations per minute at the optimum energy efficiency point (rpm).	2935	2935
11.	Specific ratio.(2)	1,013	1,013
12.	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling.	
13.	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan.	
14.	Additional items.(3)		

1. According to Commission regulation (EU) No 327/2011 implementing Directive 2009/125/EC.
2. The stagnation pressure measured at the fan outlet divided by the stagnation pressure at the fan inlet at the optimal energy efficiency point of the fan.
3. Additional items used when determining the fan energy efficiency that are not described in the measurement category and not supplied with the fan.