



- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends.
- Mass 95 g.

**SERIES 8400N**

80x80x25 mm

Air flow		Nominal Voltage		Noise		Sintertec-Sleeve Bearings Ball Bearings		Nominal Speed		Temperature Range		Service Life L <sub>10</sub> at 40 °C at T <sub>max</sub>		C curve Type	
m <sup>3</sup> /h	CFM	V DC	V DC	dB (A)	bels	○●	Watt	min <sup>-1</sup>	°C	Hours	Hours				
<b>33</b>	19.4	<b>12</b>	8...15	12	3.5	○	0.6	1500	-20...+70	80000 / 40000		1	<b>8412NGL</b>		
<b>33</b>	19.4	<b>12</b>	8...15	17	3.7	●	0.6	1500	-20...+70	80000 / 40000		1	<b>8412NL</b>		
<b>45</b>	26.5	<b>12</b>	8...15	19	3.9	○	0.9	2050	-20...+70	80000 / 40000		2	<b>8412NGML</b>		
<b>45</b>	26.5	<b>12</b>	8...15	21	4.0	●	0.9	2050	-20...+70	80000 / 40000		2	<b>8412NML</b>		
<b>58</b>	34.1	<b>12</b>	8...15	26	4.3	○	1.3	2600	-20...+70	80000 / 40000		3	<b>8412NGM</b>		
<b>58</b>	34.1	<b>12</b>	8...15	27	4.4	●	1.3	2600	-20...+70	80000 / 40000		3	<b>8412NM</b>		
<b>69</b>	40.6	<b>12</b>	8...15	32	4.7	○	2.0	3100	-20...+70	70000 / 35000		4	<b>8412NG</b>		
<b>69</b>	40.6	<b>12</b>	8...15	32	4.7	●	2.0	3100	-20...+70	70000 / 35000		4	<b>8412N</b>		
<b>79</b>	46.5	<b>12</b>	8...15	37	5.0	○	2.8	3600	-20...+70	70000 / 35000		5	<b>8412NGH</b>		
<b>79</b>	46.5	<b>12</b>	8...15	37	5.0	●	2.8	3600	-20...+70	70000 / 35000		5	<b>8412NH</b>		
<b>33</b>	19.4	<b>24</b>	18...28	12	3.5	○	0.7	1500	-20...+70	80000 / 40000		1	<b>8414NGL</b>		
<b>33</b>	19.4	<b>24</b>	18...28	17	3.7	●	0.7	1500	-20...+70	80000 / 40000		1	<b>8414NL</b>		
<b>45</b>	26.5	<b>24</b>	18...28	19	3.9	○	1.1	2050	-20...+70	80000 / 40000		2	<b>8414NGML</b>		
<b>45</b>	26.5	<b>24</b>	18...28	21	4.0	●	1.1	2050	-20...+70	80000 / 40000		2	<b>8414NML</b>		
<b>58</b>	34.1	<b>24</b>	18...28	26	4.3	○	1.4	2600	-20...+70	80000 / 40000		3	<b>8414NGM</b>		
<b>58</b>	34.1	<b>24</b>	18...28	27	4.4	●	1.4	2600	-20...+70	80000 / 40000		3	<b>8414NM</b>		
<b>69</b>	40.6	<b>24</b>	18...28	32	4.7	○	2.0	3100	-20...+70	70000 / 35000		4	<b>8414NG</b>		
<b>69</b>	40.6	<b>24</b>	18...28	32	4.7	●	2.0	3100	-20...+70	70000 / 35000		4	<b>8414N</b>		
<b>79</b>	46.5	<b>24</b>	18...26	37	5.0	○	2.8	3600	-20...+70	70000 / 35000		5	<b>8414NGH</b>		
<b>79</b>	46.5	<b>24</b>	18...28	37	5.0	●	2.8	3600	-20...+70	70000 / 35000		5	<b>8414NH</b>		

