

max. 237 m³/h

DC axial fans

Series 4100 N 119 x 119 x 38 mm



- **Material:** Housing: Die-cast aluminium
Impeller: GRP¹⁾ (PA)
- **Direction of air flow:** Intake over struts
- **Direction of rotation:** Clockwise, seen on rotor
- **Connection:** On flat connectors, 2.8 x 0.5 mm
Also available with wires as an option
- **Highlights:** Housing with grounding lug for screw M4 x 8 (Torx)
- **Mass:** 390 g
- **Possible special versions:** (See chapter DC fans - specials)
 - Speed signal
 - Go / No-go alarm
 - Alarm with limit speed
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analogue control input
 - Protection against moisture
 - Protection against salt fog
 - Type of protection: IP 54 / IP 68

1) Fibreglass-reinforced plastic

Nominal data	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ IPC (40 °C) see page 17	Curve
	m ³ /h	CFM												
4182 NGX	160	94	12	6...15	44	5,3	□	3,7	2 800	-20...+75	85 000 / 37 500	142 500	①	
4182 NX	180	106	12	6...15	49	5,7	■	4,9	3 200	-30...+75	85 000 / 37 500	142 500	②	
4182 NXH	237	140	12	7...14	57	6,5	■	11,0	4 400	-30...+55	70 000 / 50 000	117 500	③	
4184 NGX	160	94	24	12...31,5	44	5,3	□	3,3	2 800	-20...+75	85 000 / 37 500	142 500	①	
4184 NXM	160	94	24	12...31,5	44	5,3	■	3,2	2 800	-30...+75	85 000 / 37 500	142 500	①	
4184 NX	180	106	24	12...31,5	49	5,7	■	4,9	3 200	-30...+70	85 000 / 42 500	142 500	②	
4184 NXH	237	140	24	12...28	57	6,5	■	11,0	4 400	-30...+70	70 000 / 35 000	117 500	③	
4188 NGX	160	94	48	36...60	44	5,3	□	3,6	2 800	-20...+75	85 000 / 37 500	142 500	①	
4188 NXM	160	94	48	36...60	44	5,3	■	3,5	2 800	-30...+75	85 000 / 37 500	142 500	①	

Subject to alternations

