

612 NMU-182 DC Axial Fan

25mm compact low profile fan with a minimum noise level. The DC drive employs an electronically commutated external rotor motor with high efficiency. Drive electronics is completely integrated into the fan hub.



Features

- Any mounting position
- Electrical connection via 2 flying leads AWG22, 300mm lead length
- Electronic protection against locked rotor and overloading by PTC-resistor, restart after approx. 10 sec. switch-off time.
- Electronic protection against reverse polarity.
- Extremely low EMI.
- IP 54
- Airflow curve 3

Patents granted or applied for.

General Data

Voltage range	V DC	8	15	
Nominal voltage	V DC	12		
Power consumption	W	0,46	1	1,7
Current consumption	mA	58	87	110
Speed	1/min	2435	4100	5090
Noise free air	dB(A)	-	28	-
Noise in optimum operating range	bels	-	4,6	-
Max. flow rate	cfm	-	19,1	-
Ambient temperature	°C	-20 ... +70		
Service life (40°C)	h	80.000		
Service life (T _{max})	h	40.000		
Fan housing / impeller	PBTP / PA 6.6			
Bearing system	Ball bearings			
Mass	g	85		

All data are average values at nominal conditions.

Subject to change without notice

