



Stationary radial fan - WPA-14-S-N



Application

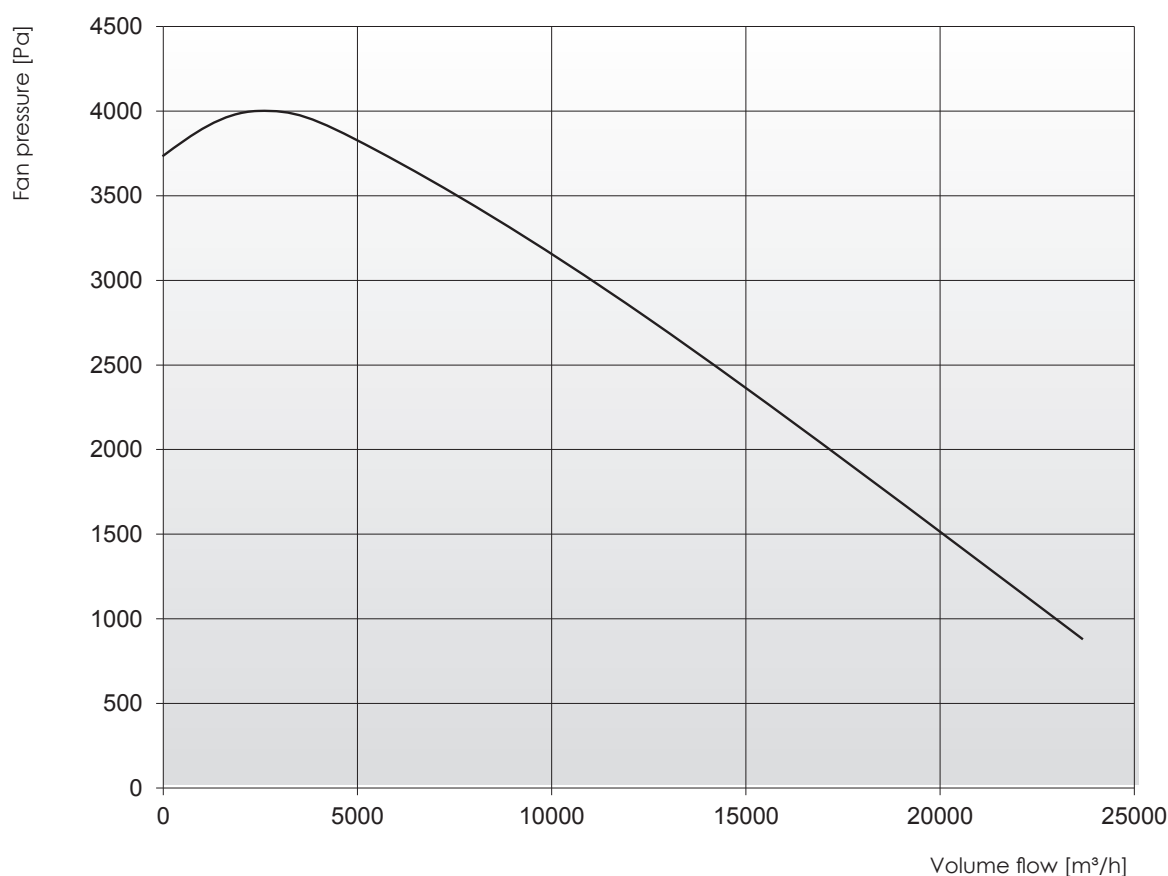
Generally, the stationary radial fan is meant for use in air-supply- or extraction ventilation systems of rooms and workplaces. Especially, it is useful for application with a system of local exhausts. It is designed for stationary installing in ventilation rooms or other technical rooms. Do not apply the fan for conveying aggressive media or for compounds creating risk of explosion. These fans meet the requirements ErP 2009/125/EC.

Structure

The fan consists of a steel spiral housing and a motor. Its radial impeller is directly installed on the motor shaft (direct drive).

The cross-section of the impeller blades reminds the profile of an aeroplane wing, providing low acoustic pressure level of the fan. Outlet is adapted for fastening the round flexible connectors. Whereas, the inlet can be equipped with a connection ferrule. For safety reasons, the inlet and outlet are equipped with a protective grill. On demand, it is possible to deliver the fan with another outlet location. The fan motor is mounted on a stand which is based on mortising frame, damping the vibrations.

On demand we deliver isolating switches to cut off the supply while installing, maintenance (see Catalogue card "Electrical Accessories").

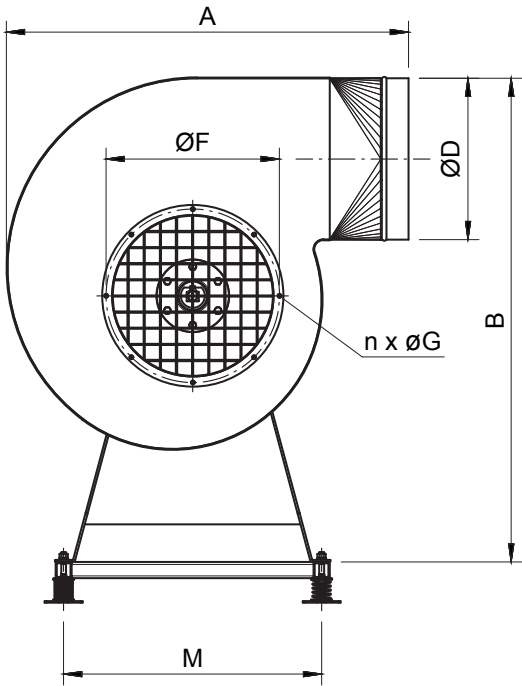
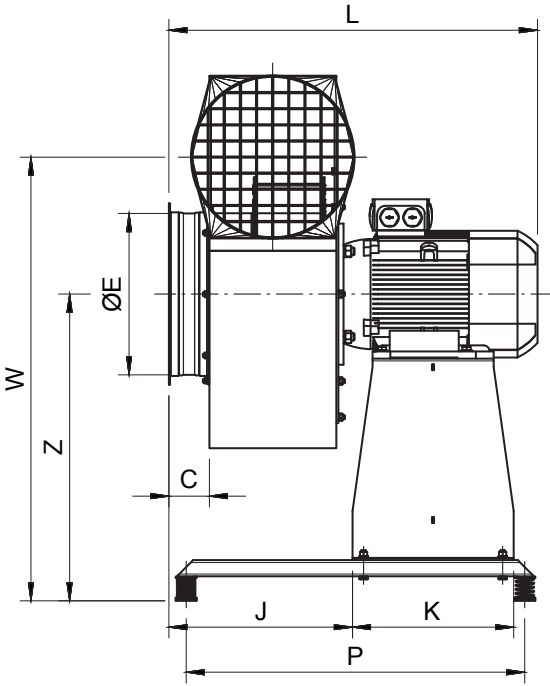




Technical Data

Type	Part.No	Synchronous rotations [1/min]	Supply voltage [V]	Motor rate [kW]	Ingress protection IP	Acoustic pressure level [dB(A)] from the distance of		Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Weight [kg]
						1 m	5 m			
WPA-14-S-3-N	804W15	3000	3x400	15	54	100	91	23 100	4000	182

1. Maximum temperature of the conveyed air is +60°C. Maximum temperature within the work area +40°C.
2. Maximum dustiness of the conveyed air should not exceed 0,3g/m³.



Dimensions

Type	A [mm]	B [mm]	C [mm]	W [mm]	Z [mm]	D [mm]	E [mm]	F [mm]	n [pc.]	G [mm]	M [mm]	P [mm]	K [mm]	J [mm]	L [mm]
WPA-14-S-3-N	1000	1200	100	1100	760	400	400	430	8	10	640	840	400	455	915