



Application

WDS roof fans work as exhaust fans. Application of EC motors Fans are designed for smooth regulation of rotational speed. They are characterized by low noise levels and low energy consumption. Diameters of inlets (roof bases) from fi14 to fi20 cm.

Construction

Fan housing and hat made of powder coated steel. The motor is placed in the line of the pumped medium, the radial impeller. The fans have flanges with holes for mounting on the roof base.

Technical data:

Typ	Efficiency MAX	Pressure MAX ΔP_c	Noise*	Input power	Highest speed	Rated Current **	Weight
	[m ³ /h]	[Pa]	[dB]	[W]	[obr./min]	[A]	[kg]
WDS-14 EC	650	500	71	80	3650	0,65	6
WDS-16A EC	850	415	71	70	2500	0,6	7
WDS-16B EC	1060	420	69	75	2600	0,6	7
WDS-16C EC	1350	550	75	170	2600	1,1	8
WDS-18 EC	1910	425	73	130	2000	0,9	9
WDS-20A EC	2300	400	62	115	1630	1,32	12
WDS-20B EC	2700	580	78	340	2650	2,85	14

**Guide values, may change the application depending on the motor used *Measurement at a distance of 4m
Rated currents are given on the rating plate and in the operating instructions.

Dimensions:

Type	D	D1	A	B	nxd
	[mm]	[mm]	[mm]	[mm]	[mm]
WDS-14 EC	140	165	330	215	4x7
WDS-16A EC	160	185	330	240	4x7
WDS-16B EC	160	185	330	270	4x7
WDS-16C EC	160	185	330	265	4x7
WDS-18 EC	180	205	500	330	4x7
WDS-20A EC	200	225	500	330	4x9,5
WDS-20B EC	200	225	500	330	4x9,5

