

# ISOR 160 EC K 01

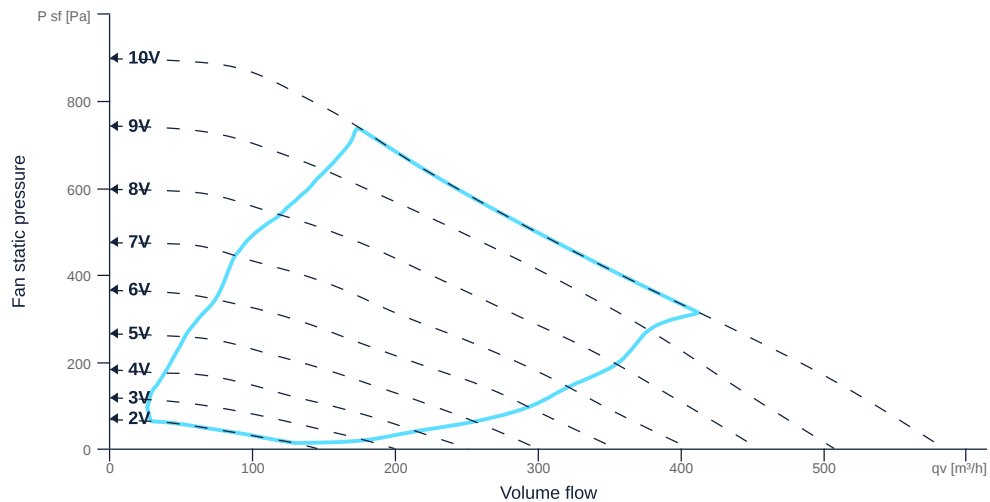
165186

- Backward curved radial impeller
- Optimized aerodynamics
- Soundproofed housing made of galvanized sheet steel
- EC motor, external rotor, steplessly controllable
- Internal electronic temperature monitoring
- With rain cover and IP54 terminal box as standard suitable for outdoor installation



## MAP

Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



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## GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	-		WxHduct
Pipe connection size (DN)	DN160		DN
Rated voltage (entire device)	230	V	U <sub>rated</sub>
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		mat <sub>casing</sub>
Impeller material	Plastic		mat <sub>impeller</sub>
IP-Protection class (terminal box)	IP66		IP <sub>ebox</sub>
Weight	12.1	kg	m
Nominal air flow rate, nominal point m <sup>3</sup> /h	288	m <sup>3</sup> /h	q <sub>v,nom</sub>
Nominal external pressure, static	511.8	Pa	p <sub>s,nom</sub>
Fan type	Radial		Fan <sub>type</sub>
Category / Installation situation	A		cat

## ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m <sup>3</sup> /s	0.08	m <sup>3</sup> /s	q <sub>v,nom</sub>
Actual electrical input power, nominal point	0.12	kW	P <sub>e,nom</sub>
Face velocity, nominal point	4	m/s	v <sub>nom</sub>
Nominal external pressure, static	511.8	Pa	p <sub>s,nom</sub>
supply air fan static efficiency, nominal point	49.7	%	η <sub>es,SUP</sub>
Highest external air leakage rate	0.95	%	
Enclosure sound level, nominal point	62	dB(A)	L <sub>WA2</sub>
Rating	Product is compliant 2018		



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