

KVR 3015 EC O K 01

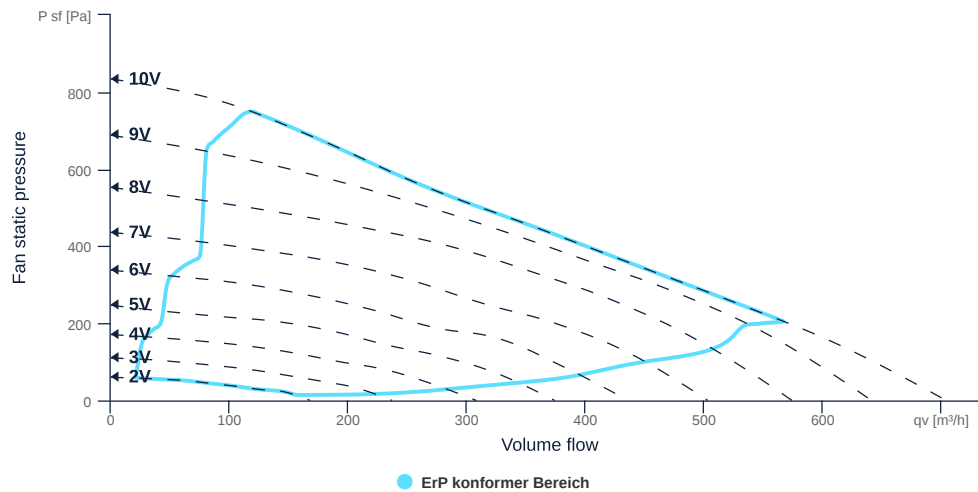
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- Backward curved centrifugal impeller
- Removable fan unit
- Housing made of galvanized sheet steel
- High efficiency EC motor, steplessly controllable, external rotor
- Conveying medium temperature up to 50 °C in continuous operation
- Internal electronic temperature monitoring



FAN CURVES

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



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GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Duct size	300x150		WxHduct
Pipe connection size (DN)	-		DN
Rated voltage (entire device)	230	V	Urated
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		matcasing
Impeller material	Plastic		matimpeller
Weight	6.2	kg	m
Nominal air flow rate, nominal point m³/h	568.8	m³/h	qVnom
Nominal external pressure, static	205	Pa	p _{s,nom}
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.16	m³/s	q _{v,nom}
Actual electrical input power, nominal point	0.11	kW	P _{e,nom}
Face velocity, nominal point	3.5	m/s	V _{nom}
Nominal external pressure, static	205	Pa	p _{s,nom}
static efficiency of the extract fan, nominal point	28.56	%	η _{es,EHA}
Enclosure sound level, nominal point	65.73	dB(A)	LWA2
Rating	Product is compliant 2018		

MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	114	114	W	P _{ed, max}
Max. operating current (device)	0.96	0.96	A	I _{ed, max}
Max. speed	4010	4010	1/min	n _{max}
Max. stat. efficiency	40	40	%	η _{es}
Max. fan efficiency	40.3	40.3	%	η _e
Max. flowrate	700	700	m³/h	q _{v, max}
Max. stat pressure	830	830	Pa	p _{sf, max}
Max. medium temperature	50	50	°C	T _{m, max}
Max. environment temperature	50	50	°C	T _{amb, max}
Min. environment temperature	-30	-30	°C	T _{amb, min}



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MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		EC		phase
Control type		stepless-controlled		ctrltype
Installation type		ORM (Out)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Motor-protection		TEC		protectmotor
Protection class		IP54		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwrsupmotor
Min. temperature	-30		°C	Tmotor, min
Cos Phi	0.560000	0.000000		cos φ
UL-Certification motor		None		ULcert



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