

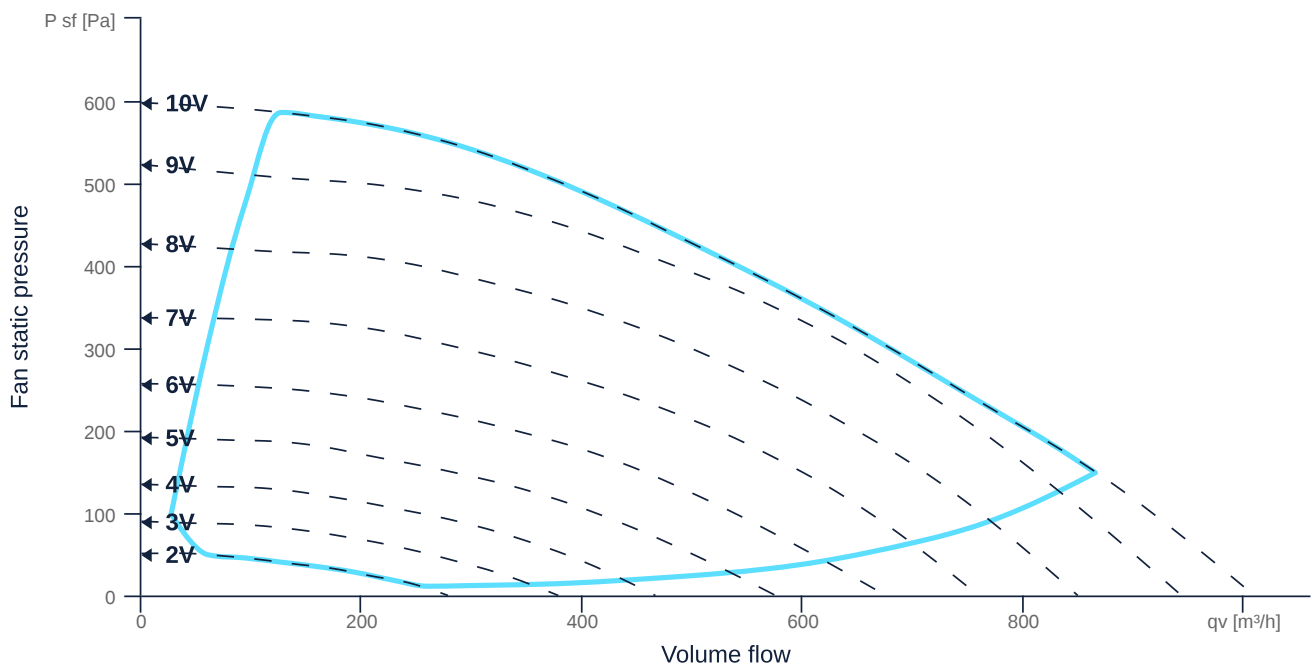
KVR 4020 EC O K 01

166485

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



MAP



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GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	400x200		WxH _{duct}
Pipe connection size (DN)	-		DN
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		matcasing
Impeller material	Plastic		matimpeller
IP-protection class (entire device)	IPX4		IP _{compl}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	9.3	kg	m
Nominal air flow rate, nominal point m ³ /h	460.8	m ³ /h	q _{vnom}
Nominal external pressure, static	233.1	Pa	p _{s,nom}
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat
Sound insulation	No		snd _{ins}
Rated voltage (entire device)	230	V	U _{rated}
Phases (entire device)	1~		phase

MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)	50.000000			f
Motor type	EC			phase
Control type	stepless-controlled			ctrl _{type}
Installation	ORM (Out)			install
Rotation direction	right			rotation
Isolation class	ISO F			ISO _{class}
Motor-protection	TEC			protect _{motor}
Protection class	IP54			IP _{motor}
Is pole-changeable	No			pole _{exch}
Type of power supply	AC 1~			pwr _{sup} _{motor}
Rated voltage	230		V	U _{rated, f1}
Rated current	0.89		A	I _{rated, f1}
Shaft power	113		W	P _{out, f1}
Speed	2908		1/min	n _{f1}
Efficiency	48.7		%	η _{m, f1}
Cos Phi	0.000000	0.000000		cos φ
UL-Certification motor	None			UL _{cert}



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PRODUCT INFORMATION

Name	Value	Unit	Formula symbol
Category / Installation situation	A		cat
Fan type	Radial		Fan _{type}



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