

K3G097-BK34-43

EC dual centrifugal fan

forward curved, dual inlet
with housing, Automotive



ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

D-74673 Mulfingen

Phone: +49(0)7938/81-0

Fax: +49(0)7938/81-110

info1@de.ebmpapst.com

www.ebmpapst.com

Nominal data

Type	K3G097-BK34-43	
Motor	M3G074-CF	
Nominal voltage	VDC	26
Nominal voltage range	VDC	16 .. 32
Type of data definition		rfa
Speed	min ⁻¹	3940
Power input	W	345
Current draw	A	13.25
Max. ambient temperature	°C	70

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

EC dual centrifugal fan

forward curved, dual inlet
with housing, Automotive

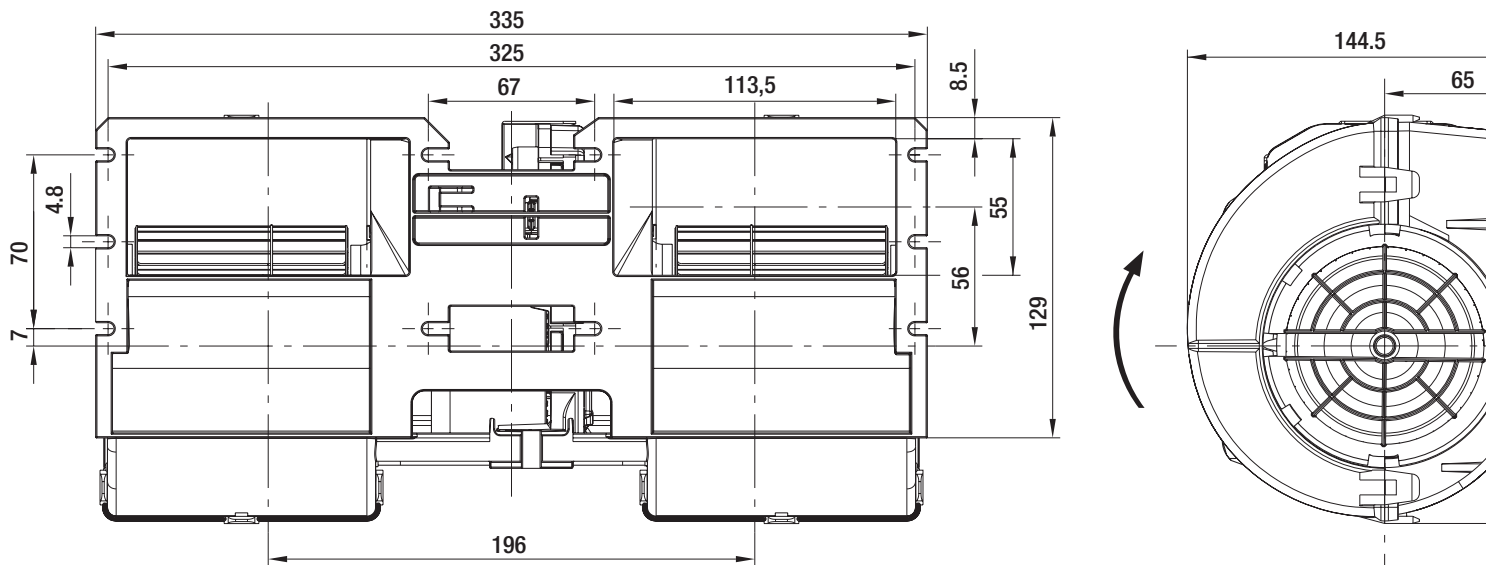
Technical features

Leakage current	<= 0.25 mA
Size	97 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Electrical leads	With plug
Humidity class	F3-2
Insulation class	"B"
Cooling bore / aperture	Rotor-side
Motor bearing	Ball bearing
Mass	2.3 kg
Housing material	PP plastic, color: black (in accordance with UL 94 HB)
Material of impeller	PA plastic
Motor protection	Reverse polarity and locked-rotor protection
Type of protection	IP 24 KM
Approval	E1

EC dual centrifugal fan

forward curved, dual inlet
with housing, Automotive

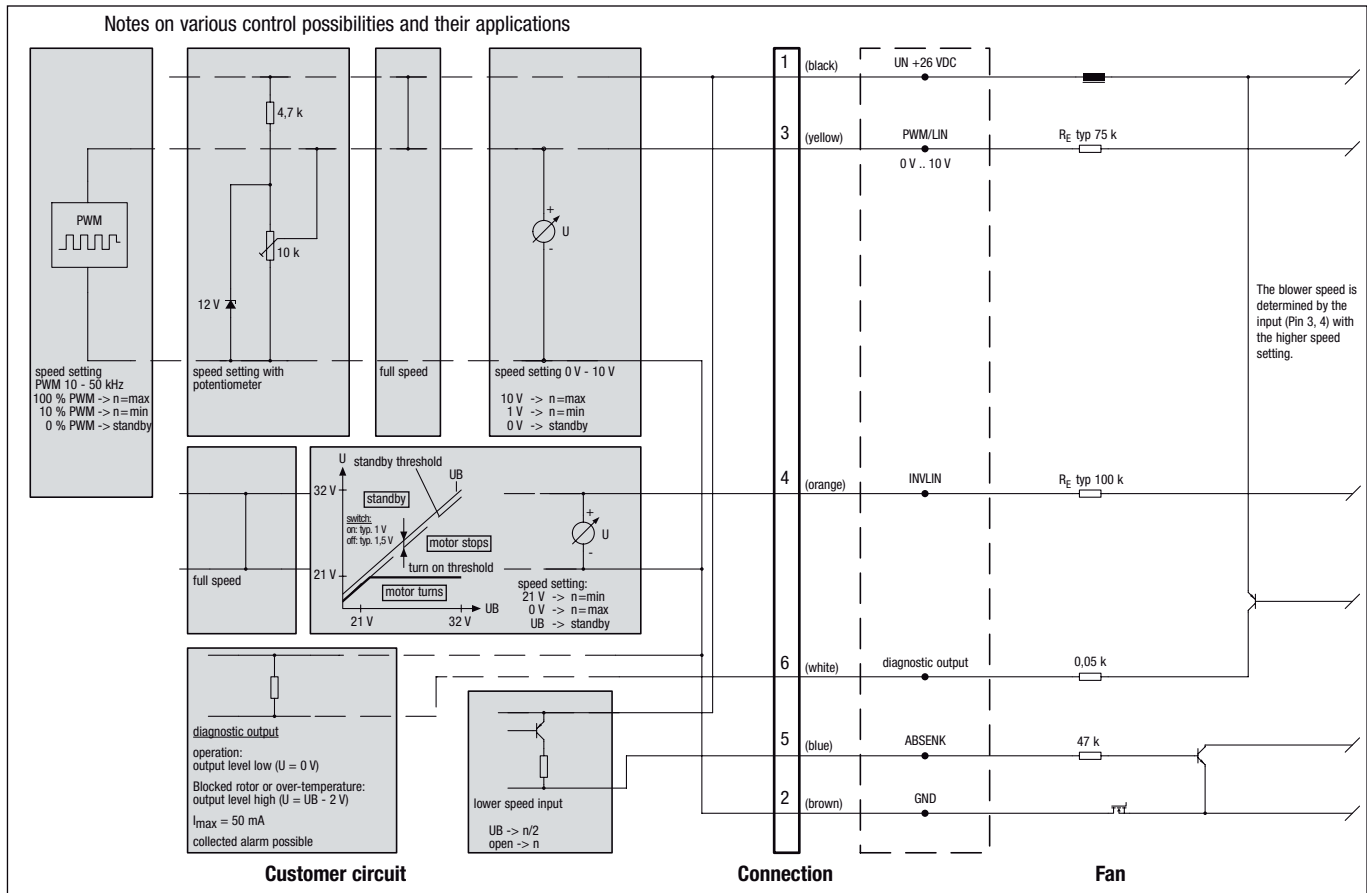
Product drawing



EC dual centrifugal fan

forward curved, dual inlet
with housing, Automotive

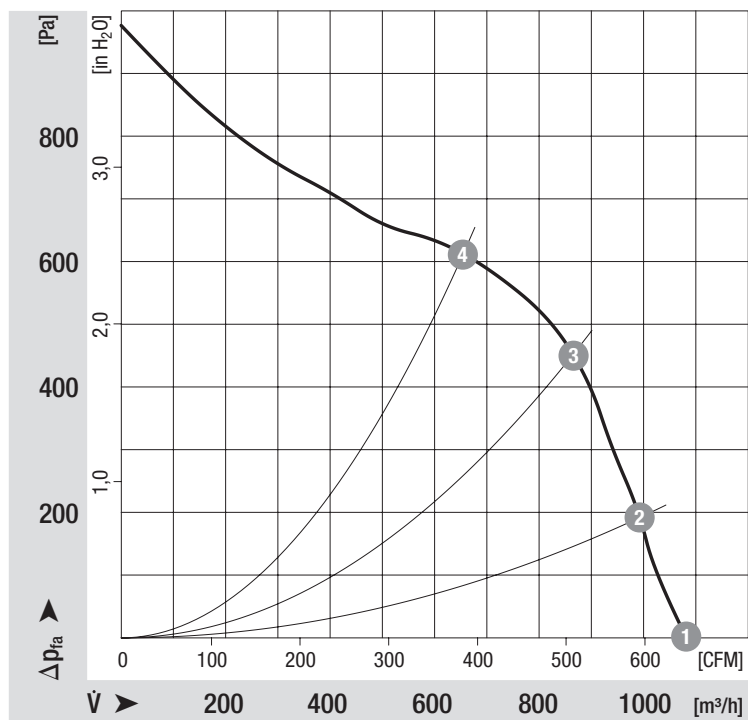
Connection screen



EC dual centrifugal fan

forward curved, dual inlet
with housing, Automotive

Charts: Air flow



Measured values

	n	P ₁	η _{Ges}
	min ⁻¹	W	%
1	3940	345	30
2	4100	329	39
3	4460	322	49
4	4800	277	48