

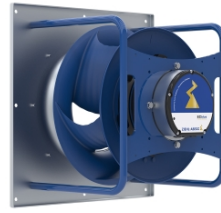


fan data

13.02.2025

version FANselect V 1.01 (250206), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.25.02.06 | 856 | (user hopes)

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type	GR45I-ZID.GG.CR
article no.	116903/A01 Portfolio STD-WW

technical data

motor		ECblue
Efficiency class		IE5
mains supply	-	3~ 400V 50Hz
ambient temperature, max. limit (t _r)	°C	40
efficiency grade η_{statA}	%	73,4
efficiency grade N_{actual} N_{target}		76,6 62
ErP-conformity		2015 EC controller integrated
grille influence		no

fan data

fan speed (n) max. (n _{max})	1/min	- 2620
frequency (f _{DP}) (f _{max})	Hz	50 60
dimensions (w x h x d)	mm	600 x 600 x 484
product weight (m _{pr})	kg	37
k-factor nozzle pres. (k)	-	220

PF:PF_50; Mult.Fan:2; Ano:116903; STol:+-10 %

FANselect



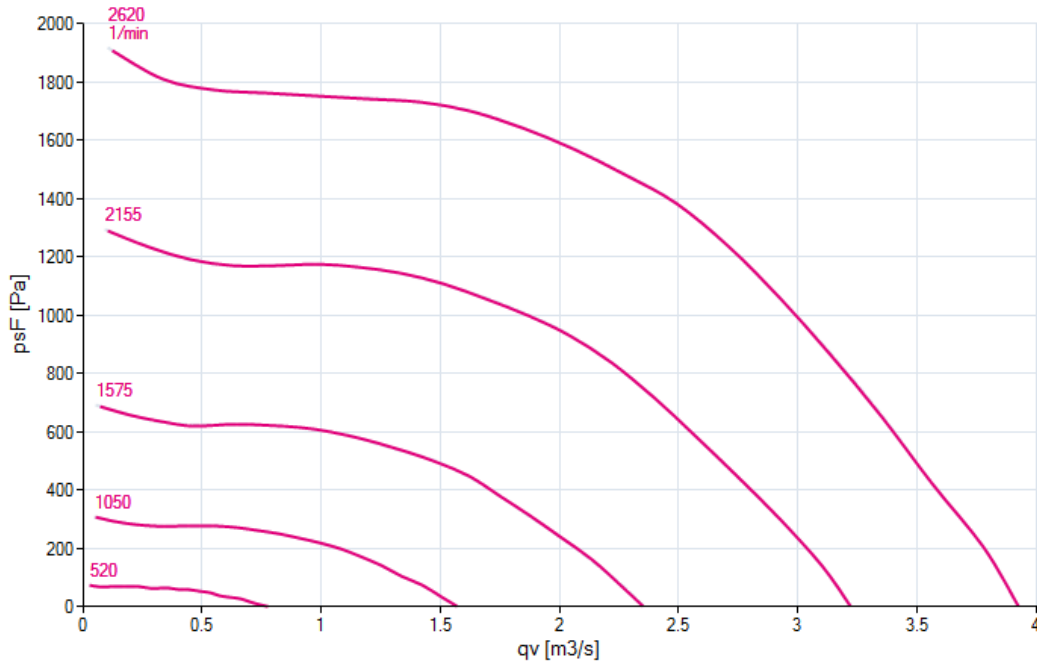
performance curve / acoustics

13.02.2025

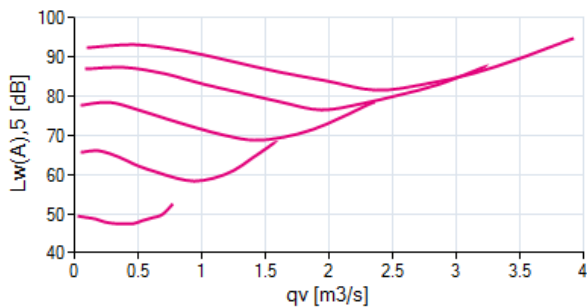
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- 1 **GR45I-ZID.GG.CR** measured in standard nozzle in installation type A according to ISO 5801
 116903/A01 | Portfolio measurement density 1.16 [kg/m³]
 STD-VWW

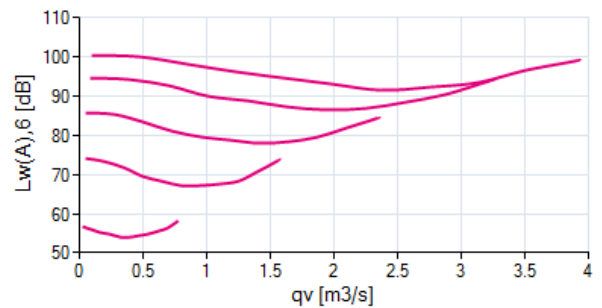
air performance p_{sF}



acoustics ($L_{w(A),5}$)



acoustics ($L_{w(A),6}$)



1 GR45I-ZID.GG.CR

f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),5}$	-	-	-	-	-	-	-	-	-
$L_{w,5}$	-	-	-	-	-	-	-	-	-

f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
$L_{w,6}$	-	-	-	-	-	-	-	-	-

FANselect



efficiency grade / power input

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 RLT V 1.00 Dezember, 2021 / 1.25.02.06 | 856 | (user hopes)

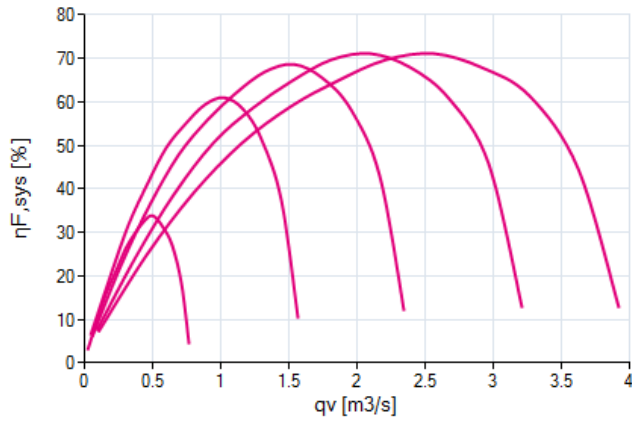
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GR45I-ZID.GG.CR

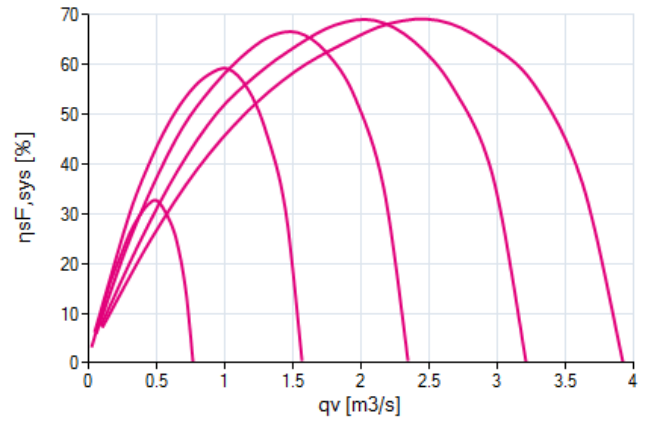
116903/A01 | Portfolio
STD-VWV

measured in standard nozzle in installation type A according to ISO 5801
measurement density 1.16 [kg/m³]

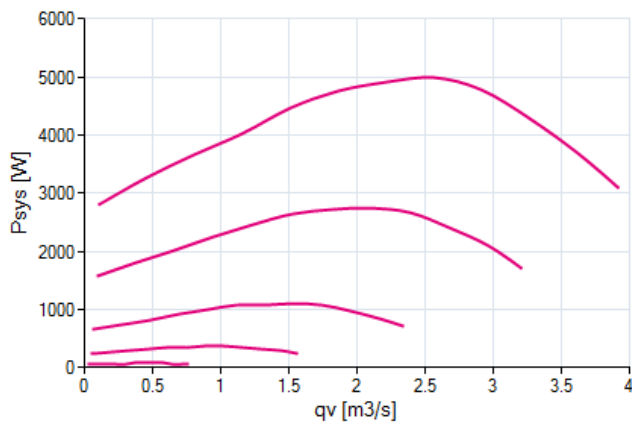
efficiency grade $\eta_{F,sys}$



efficiency grade $\eta_{sF,sys}$



power input P_{sys}

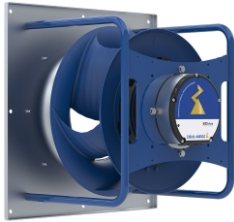


nominal values

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GR45I-ZID.GG.CR
116903/A01

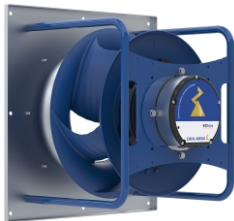
3~ 380-480V 60Hz P1 5.00kW
8.00-6.40A 2620/MIN 40°C
3~ 380-480V 50Hz P1 5.00kW
8.00-6.40A 2620/MIN 40°C
IP55 THCL155

drawing

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GR45I-ZID.GG.CR
116903/A01

