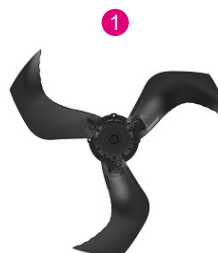


fan data

01.06.2016

version FANselect V 1.01 (1550) / 1.16.4.4 | 421 | (user andre)



type	FF091-6EQ.6F.A3P2
article no.	159996 Portfolio STD-WW

technical data

motor	AC ERM	
mains supply	-	1~ 230V 50Hz
nominal current (I_N)	A	4.20
capacitor (C_{400V})	μF	20.0
ambient temperature, max. limit (t_a)	$^{\circ}C$	40
efficiency η_{statA}	%	34,2
efficiency η_{actual} η_{target}	%	40,8 40
ErP-conformity	2015	
grille influence	no no	

fan data

SFP-class SFP-value (P_{SFP})	- Ws/m^3	1 160
airflow volume (q_v)	m^3/h	20545
pressure, stat. (p_{sF}) tot. (p_F)	Pa	20 67
electrical power input (P_1)	W	897
efficiency, stat. (η_{sF}) tot. (η_F)	%	12.7 42.3
fan speed (n) max. (n_{max})	1/min	849 900
frequency (f_{BP}) (f_{max})	Hz	50 50
voltage (U_{DP})	V	228
current (I_{DP})	A	4.01
acoustics, suction side ($L_{w(A),5}$) ($L_{w,5}$)	dB	74 80
acoustics, pressure side ($L_{w(A),6}$) ($L_{w,6}$)	dB	74 80
product weight (m_{pr})	kg	29.1

nominal values

1~ 230V +10/-10 50Hz P1 0.94kW
 4.20A DI=0% 840/MIN 20.0 μF /400V 40 $^{\circ}C$
 IP54 THCL155

PF:PF_00; Ano:159996; STol:+-10 %



performance curve / acoustics

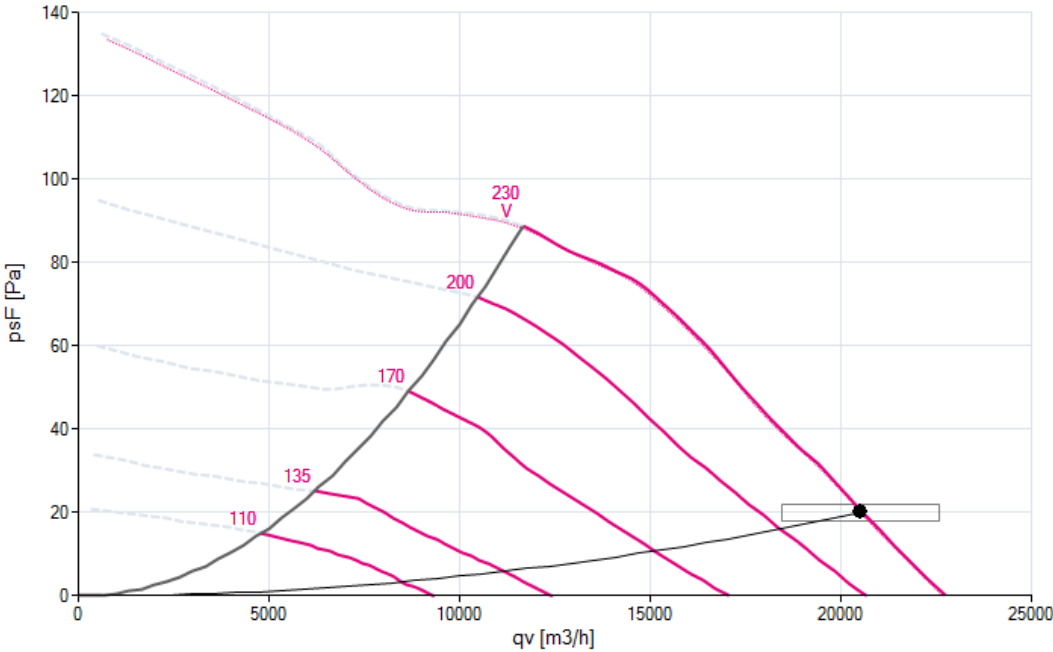
01.06.2016

version FANselect V 1.01 (1550) / 1.16.4.4 | 421 | (user andre)

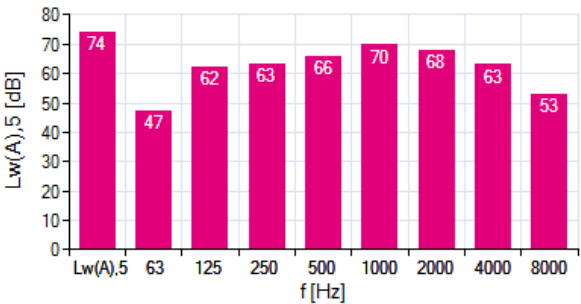
- 1
- FF091-6EQ.6F.A3P2
- measured in full bell mouth without guard grille in installation type A according to ISO 5801

159996 | Portfolio STD-WW measurement density 1.16 [kg/m³]

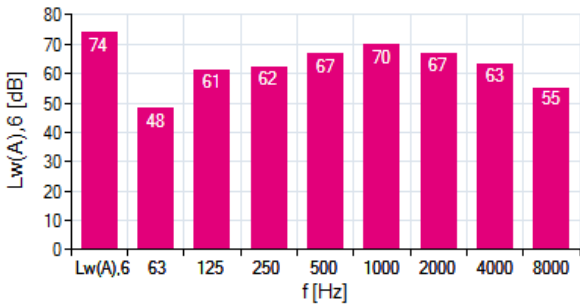
air performance p_{sF}



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



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



1 FF091-6EQ.6F.A3P2

f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),5}$	74	47	62	63	66	70	68	63	53
$L_{w,5}$	80	71	77	72	69	70	67	62	54

f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),6}$	74	48	61	62	67	70	67	63	55
$L_{w,6}$	80	72	76	71	70	70	66	62	56

