

CVHT



CVHT-22/22-850 r.p.m-7,50 kW-4-F400

Centrifugal fan cabinet F400 for smoke spill 400 °C/2h, forward curved, suitable for air stream temperature up to 100°C. Brand S&P model CVHT-22/22 for an airflow 15.421 m³/h and static pressure 898 Pa.

Reference: VE15

Theoretical Working Point

Airflow	15.000 m ³ /h
Static Pressure	850 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz
Voltage	-

Working Point

Airflow	15.421 m ³ /h
Static Pressure	898 Pa
Dynamic pressure	45,9 Pa
Total Pressure	944 Pa
Output power	6,16 kW
Outlet speed	8,7 m/s
Inlet speed	8,7 m/s
Fan velocity	850 rpm
Specific Fan Power	1,80 W/l/s

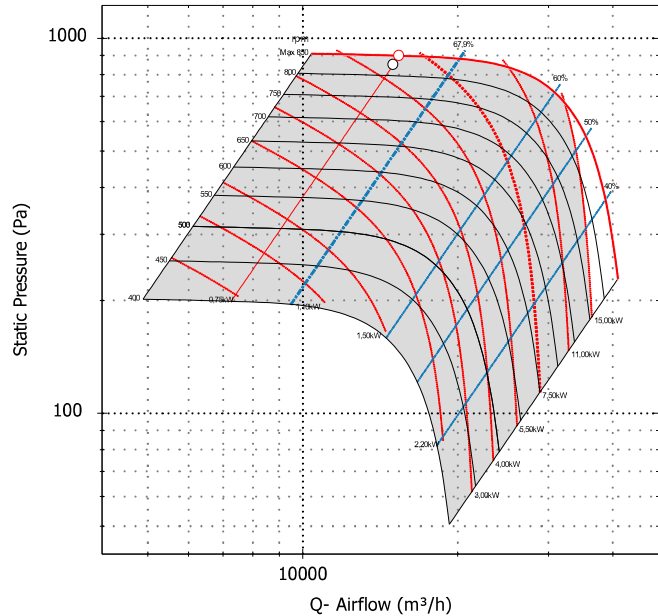
Construction

Diameter	22/22
Weight	392 kg

Motor Characteristics

Number of poles	4
Motor Power	7,5 kW
Motor velocity	1455 rpm
Voltage	400/690
Maximum absorbed current	14,1 A / 8,2 A
IP Rating	IP55
Motor insulation class	H

Performance Chart

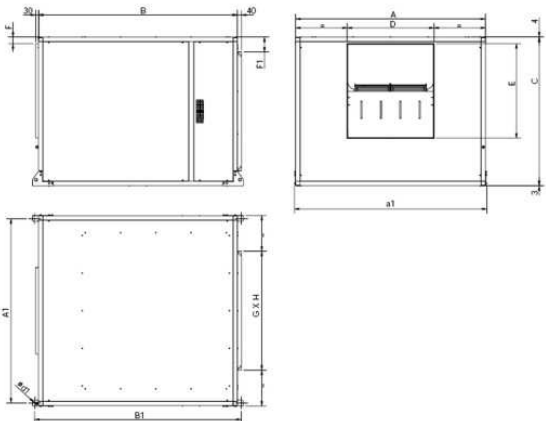


η[%]	MC	EC	N	VSD	Manufacturer	REF
68,0	D	Total	FMEG58		S&P	SPTR000114-850-1906
[kW]	[m ³ /h]	[Pa]	[RPM]	SR		
8,721	20.272	905	823	1		
η[%]	Maximum efficiency η[%]					
MC	Installation type					
EC	Category efficiency					
N	N					

Sound Performance

63 125 250 500 1k 2k 4k 8k Overall

Drawing



A	A1	a1	B	B1	C	D	ød1	E	F	F1	G	H
1542	1448	1565	1638	1717	1142	697,5	15	705,5	65,5	121,2	900	900