

Indata

Flow	Inlet pressure	Outlet pressure	Temperature	Temp Cold Start Up	Density	
mmHg	mmgw	mmgw	Â°C	Â°C	Kg/Nm³	Search

General Conditions

Barom Pressure	760	mmHg
Elevation	0	m

Selected fan

Type	HCGB	
Size	140	
Fan connection area	1.568	m2
Pd	0	Pa
Accesories	0	Pa
Inlet connection	0	Pa
Outlet connection	0	Pa
Flow	0	m3/h
Total pressure	0	Pa
Efficiancy	0	%
	0	Kp
Power	0	HP
Power at Cold Star Up	0	HP
	0	Throttle line
Moment of inertia WR2	0	Kgm2
Total wight	0	Kg
Speed	0	rpm
Start torque		
At operation conditions	0	Nm
At 0 flow and 20Â° C	0	Nm

Sound

	L wtot	L ptot at 1	
To inlet and outlet	96	88	dB(A)
To surrounding - free inlet	94	86	dB(A)
To surrounding - ducted intet	93	85	dB(A)

Fan cost

Fan without frame for motor with	inspection door and drain	transmission not included
Accessories included	Inlet Vane Controll	Inlet side
	Flexible joint	Inlet side
	Outlet Damper	Outlet side
Fan	\$ 100.00	MX
Transmission	\$ 100.00	MX
H.H	\$ 100.00 ?	MX
OBS selected	yes/no	

Chart data

Density	0	kg/m3
Flow		m3/h
Pressure		Pa
Power		Hp

A Chart



B Chart



Motor selections

Fan shaft	101.6	mm
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Motor selections		
Prel. c/c motor-fan	66.9	in
Make	SIEMENS	
Serie	Hi. Ef.	
Type	Type TEFC	
Frame	444T	
Power	100	hp
Power with factor	78.91	hp
Rel. T	?	
Article No.	0	
Speed	1187	rpm
Weight	0	lb
Inertia motor	3150	LbFt2
Inertia required by the fan Arr # 1	1389	LbFt2
Price	\$ 56,971.00	MX