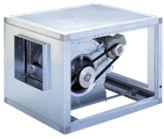




CVTT

CVTT-30/28-11KW-500RPM/4-IE3



Centrifugal fan cabinet manufactured from galvanised sheet steel and fire retardant acoustic lining, forward curved centrifugal impeller fitted with anti vibration mounts and flexible flange at the discharge. Brand S&P model CVTT-30/28-11kW-500rpm/4-IE3 for an airflow 32.227 m³/h and static pressure 433 Pa.

Theoretical Working Point

Airflow	32.203 m ³ /h
Static Pressure	432 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Working Point

Airflow	32.227 m ³ /h
Static Pressure	433 Pa
Dynamic pressure	68 Pa
Total Pressure	501 Pa
Efficiency	50
Shaft power	8,95 kW
Required Service Factor	10
Outlet speed	10,6 m/s
Fan speed	500 rpm
Specific Fan Power	1,15 W/l/s

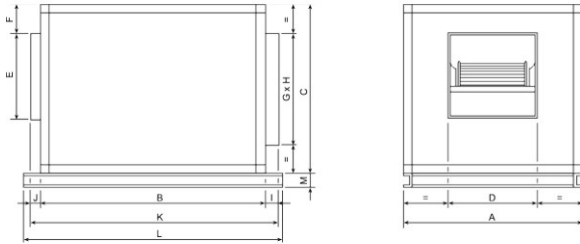
Construction

Fan size	30/28
Discharge diameter	760 mm
Weight	602,00 kg

Motor Characteristics

Number of poles	4
Motor Power	11 kW
Mot speed	1470 rpm
Voltage	3-400/690V-50Hz
Maximum absorbed current	21,7 A / 12,6 A
IP Rating	IP55
Motor insulation class	F
Starting Current	162,8 A

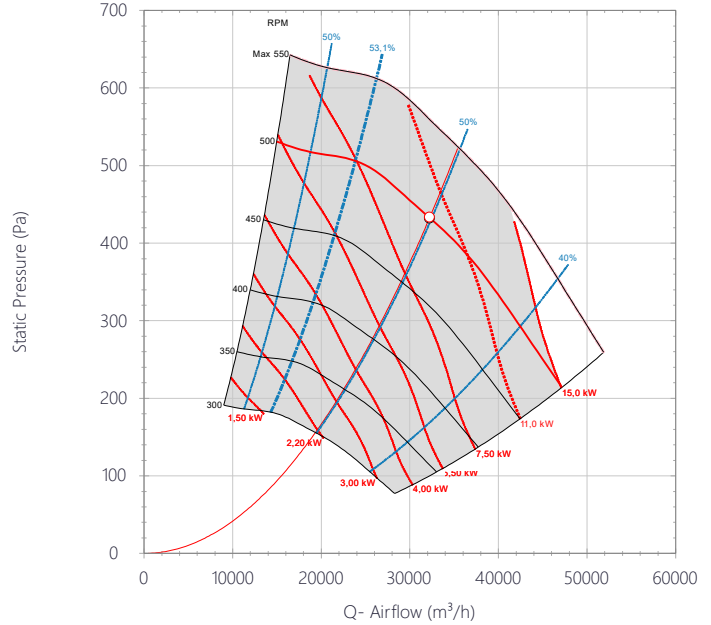
Drawing



A	B	C	D	E	F	G	H	I
1700	1900	1600	870	945	150	1200	1200	40

J	K	L	M
30	1970	2060	80

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	71	69	73	72	74	72	72	55	81
Inlet LpA @ 1m	60	58	62	61	63	62	61	44	70
Outlet (LwA)	79	77	81	80	82	80	80	63	89
Outlet LpA @ 1m	68	66	70	69	71	70	69	52	78
Breakout (LwA)	63	61	65	64	66	64	64	47	73
Breakout LpA @ 1m	52	50	54	53	55	54	53	36	62