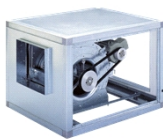




CVTT

CVTT-30/28-15KW-550RPM/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-30/28-15kW-550rpm/4-IE3 for an airflow 41.070 m³/h and static pressure 452 Pa.

Theoretical Working Point

Airflow	41.007 m ³ /h
Static Pressure	450 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Working Point

Airflow	41.070 m ³ /h
Static Pressure	452 Pa
Dynamic pressure	110 Pa
Total Pressure	562 Pa
Efficiency	47
Shaft power	13,6 kW
Required Service Factor	10
Outlet speed	13,5 m/s
Fan speed	550 rpm
Specific Fan Power	1,37 W/l/s

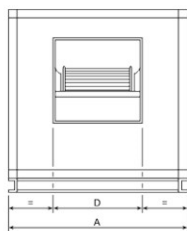
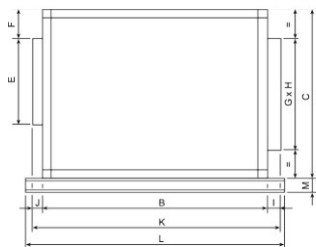
Construction

Fan size	30/28
Discharge diameter	760 mm
Weight	607,00 kg

Motor Characteristics

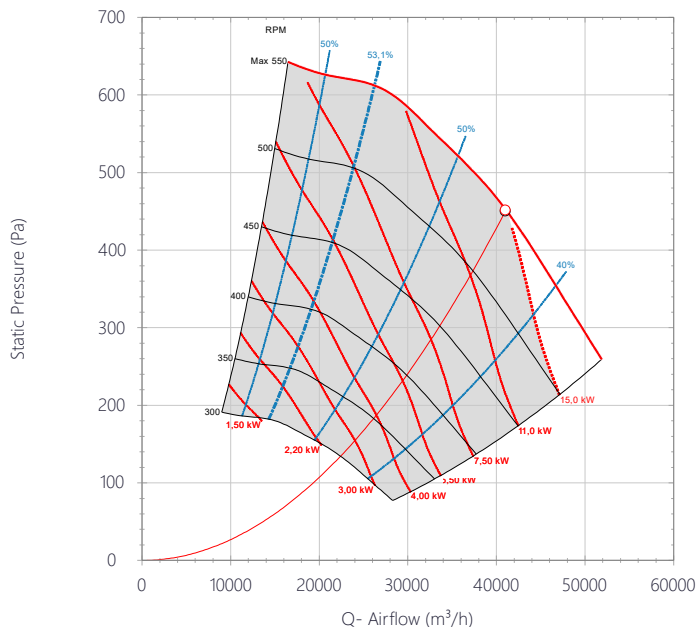
Number of poles	4
Motor Power	15 kW
Motor speed	1465 rpm
Voltage	3-400/690V-50Hz
Maximum absorbed current	28,7 A / 16,6 A
IP Rating	IP55
Motor insulation class	F
Starting Current	180,8 A

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)	75	73	77	76	78	76	76	59	85
Inlet LpA @ 1m	64	62	66	65	67	66	65	48	74
Outlet (LwA)	83	81	85	84	86	84	84	67	93
Outlet LpA @ 1m	72	70	74	73	75	74	73	56	82
Breakout (LwA)	67	65	69	68	70	68	68	51	77
Breakout LpA @ 1m	56	54	58	57	59	58	57	40	66