



HCTB/HCTT

5113504400 - HCTB/4-500-B (230V50HZ) VE - ROOF MOUNTED FANS



Extract axial roof fan with aluminium hub and plastic blades. Cowl from aluminium and base from galvanised sheet steel. Single phase, IP65 motor. Brand Soler_Palau model HCTB/4-500-B (230V50HZ) VE for an airflow 6.079 m³/h and static pressure 62 Pa.

Theoretical Working Point

Airflow	6.000 m ³ /h
Static Pressure	60 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Working Point

Airflow	6.079 m ³ /h
Static Pressure	62 Pa
Dynamic pressure	44,5 Pa
Total Pressure	106 Pa
Efficiency	28
Outlet speed	8,6 m/s
Fan speed	1290 rpm
Specific Fan Power	0,48 W/l/s

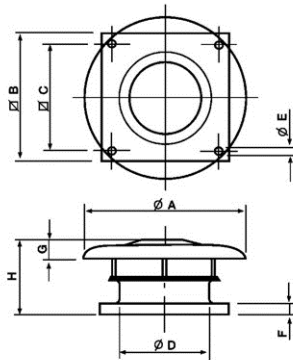
Construction

Discharge diameter	500 mm
Fan size	500
Blades	7
Weight	25,40 kg

Motor Characteristics

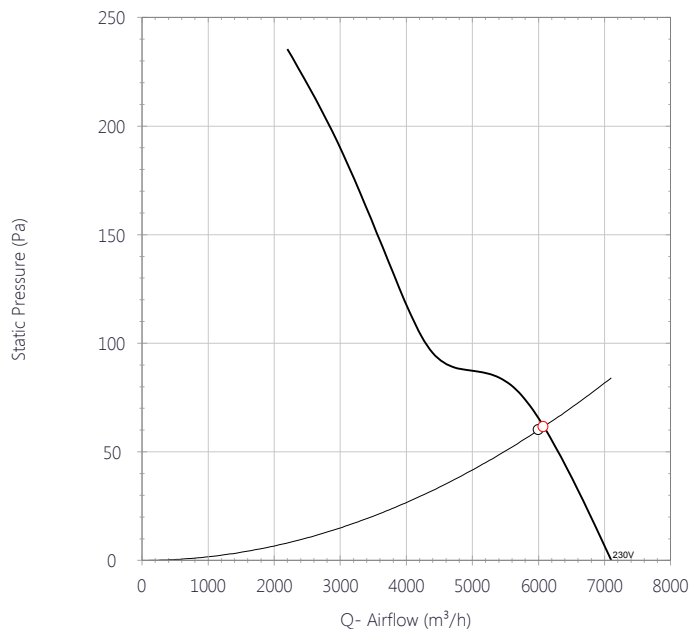
Number of poles	4
Voltage	1-230V-50Hz
IP Rating	IP65
Motor insulation class	F

Drawing



Ø A	B	C	Ø D	Ø E	F	G	H
895	710	590	500	14	40	110	410

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	55	64	71	74	80	78	73	65	84
Inlet LpA @ 1,5m	40	50	56	59	65	64	59	51	69
Outlet (LwA)	52	62	69	71	73	72	68	61	78
Outlet LpA @ 1,5m	38	48	55	57	59	57	54	46	64