

#1 DATA SHEET

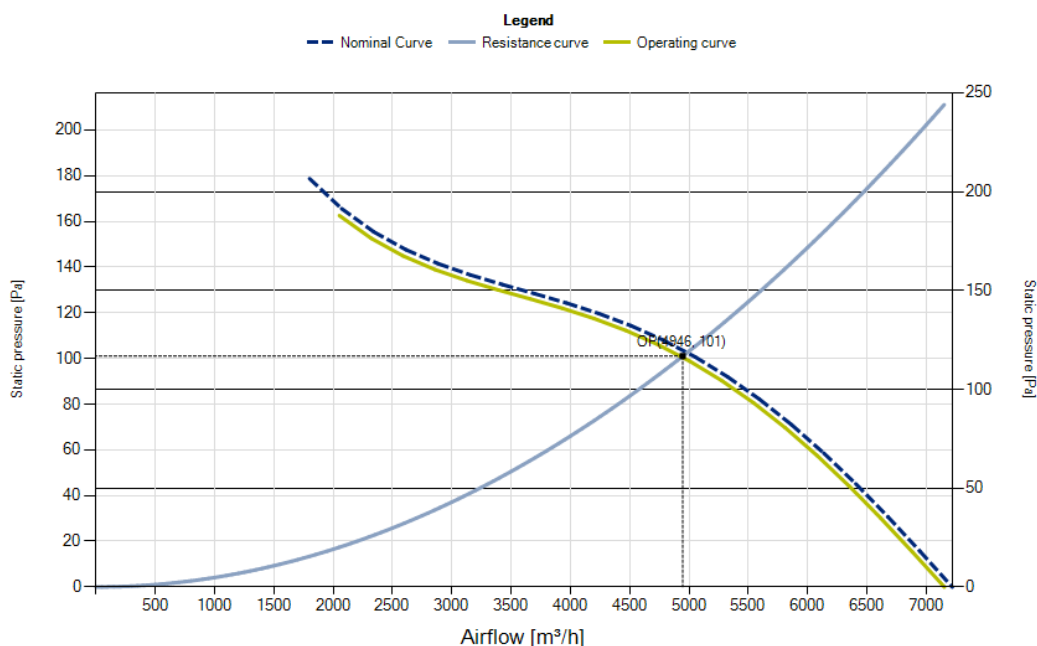
R10R-50APB-ES50B-09C17

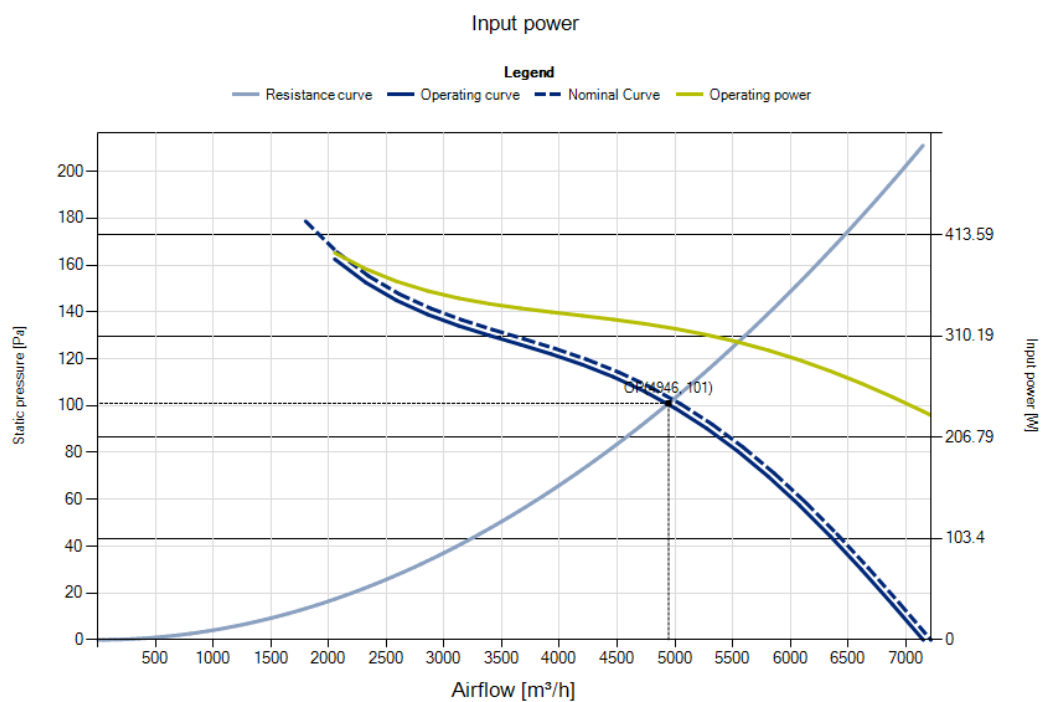
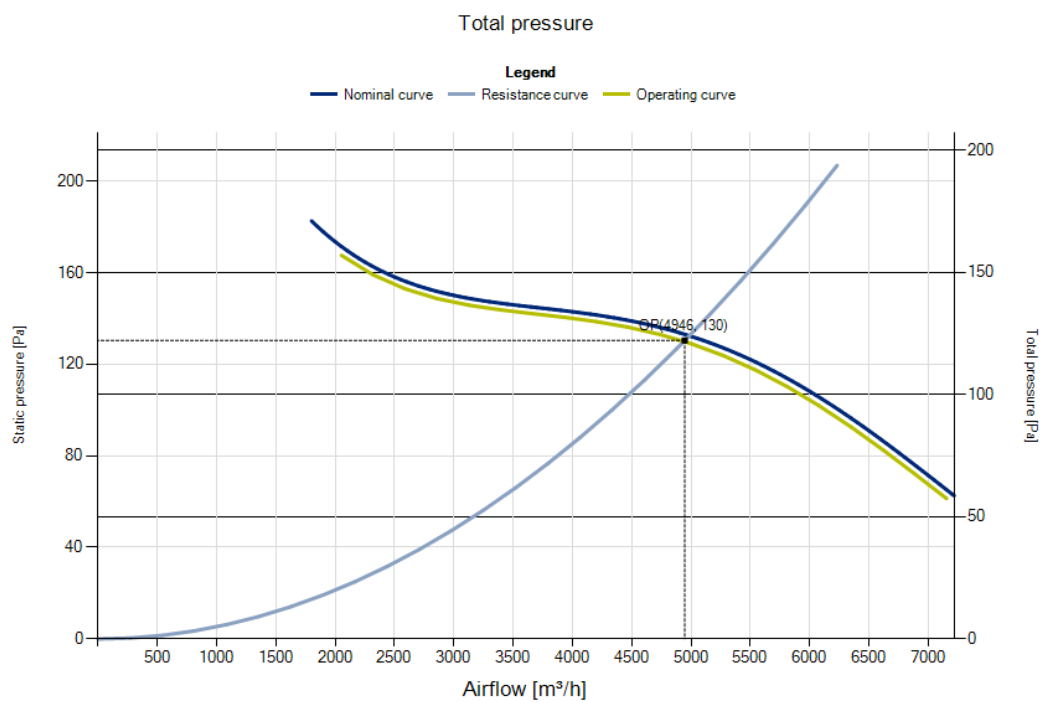
EC Axial Fans with guard grill for short inlet

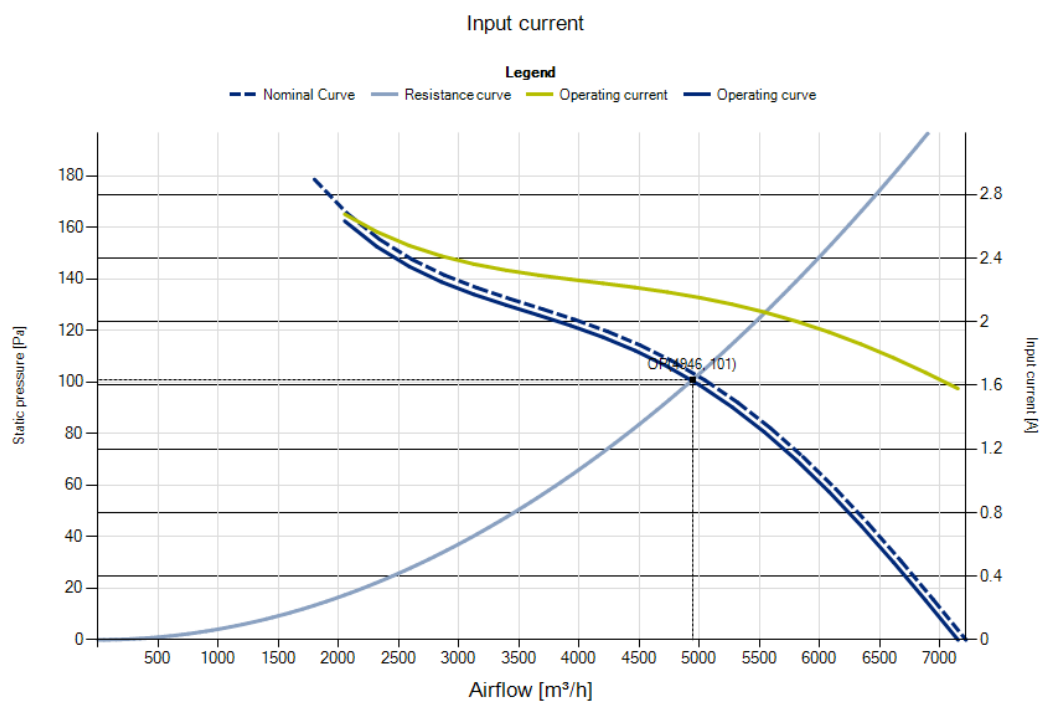
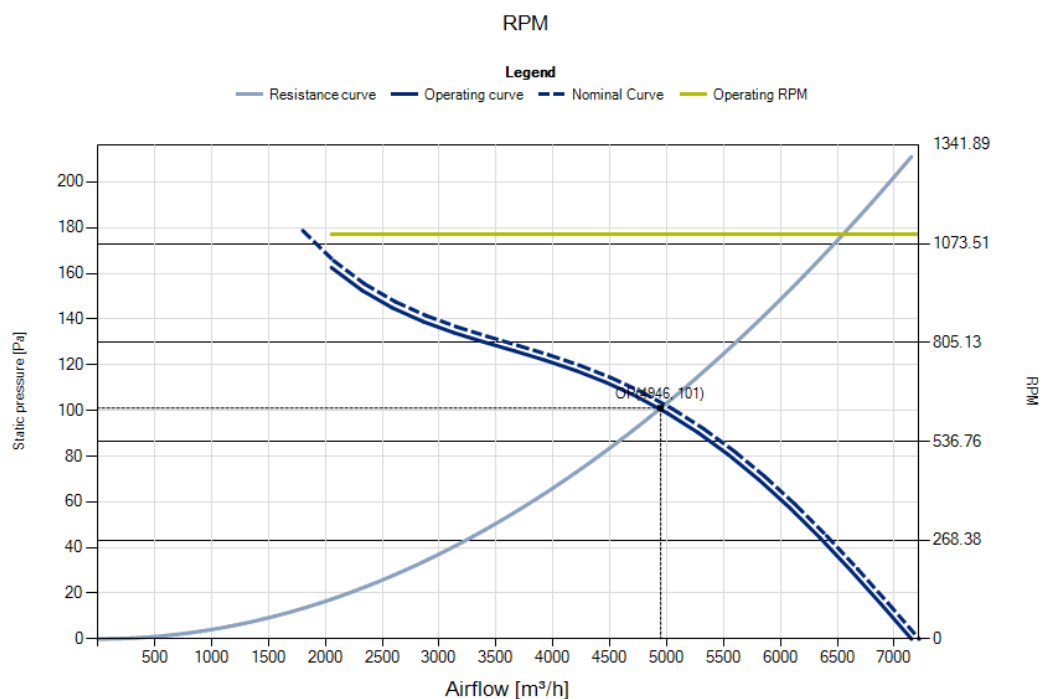
Ordering code: 0310-4-0133

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	4946	Phase [~]	1	Overall efficiency [%]	45.0
Static pressure [Pa]	101	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	230-240	Efficiency category	static
Total pressure [Pa]	130	Frequency [Hz]	50 / 60	Efficiency grade N	54.3
Rotation speed [1/min]	1101	Input power [W]	300 / 300	Variable speed drive	integrated
Input power [W]	321	Input current [A]	2.05 / 2.05	Power input [kW]	0.33
Current [A]	2.17	Nominal speed [rpm]	1100 / 1100	Airflow [m3/h]	4946
Total efficiency [%]	56	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	101
Static efficiency [%]	43	Max. ambient temp. [°C]	65	Rotational Speed [rpm]	1095
Sound power [dB]	0	Protection class	IP54	Specific ratio	1.00
Weighted sound power [dB(A)]	0	Insulation class	130		
Sound pressure [dB]	0	Capacitor [μF/450V]	N / A		
Weighted sound pressure [dB(A)]	0	K. Value	N / A		
		Connection	N / A		
		Weight [Kg]	11.5		

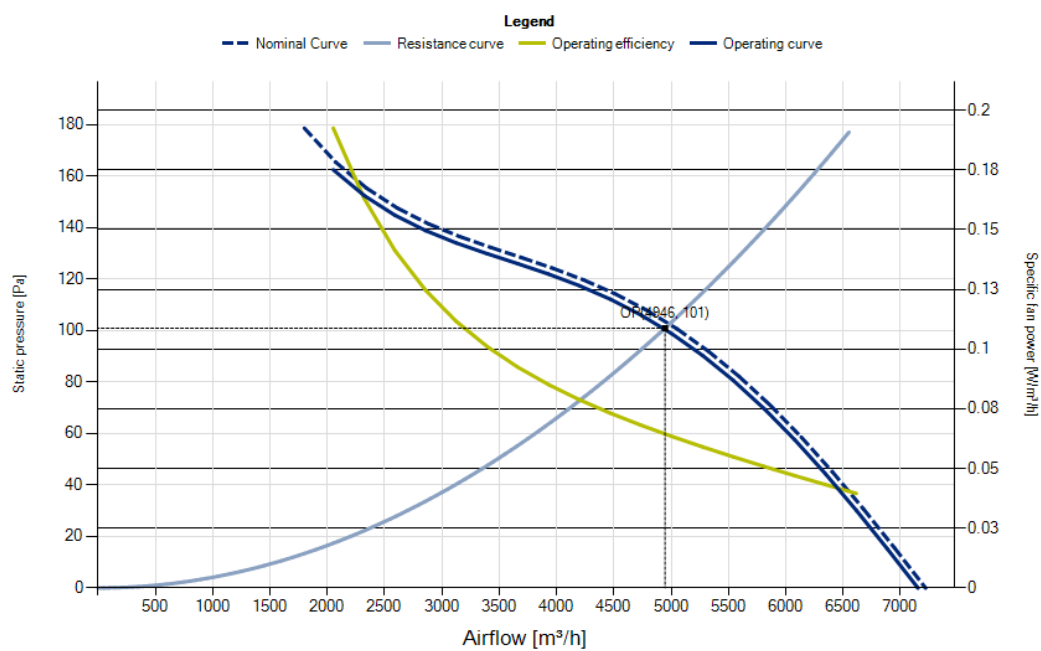
Static pressure







Specific fan power



Overall static efficiency

