

#1 DATA SHEET

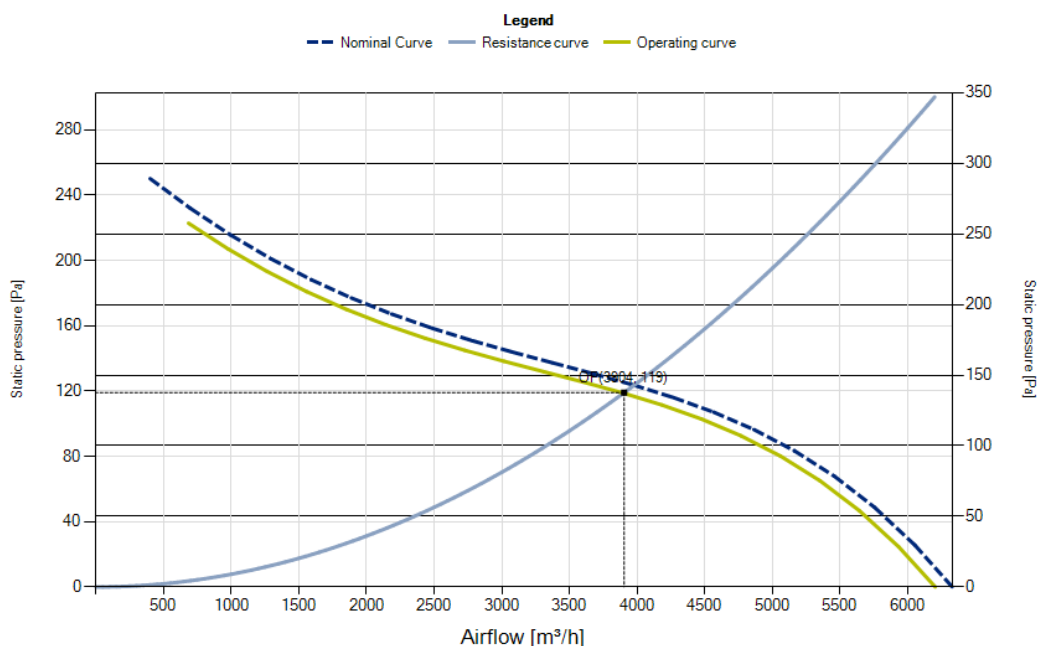
R10R-45APS-ES50B-09C05

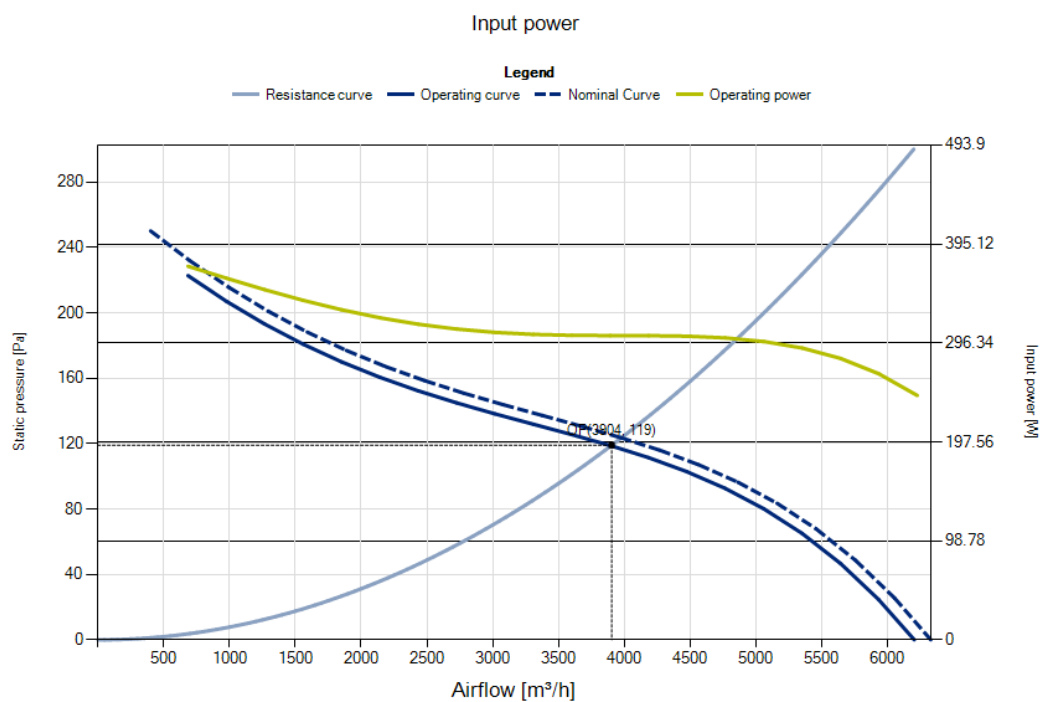
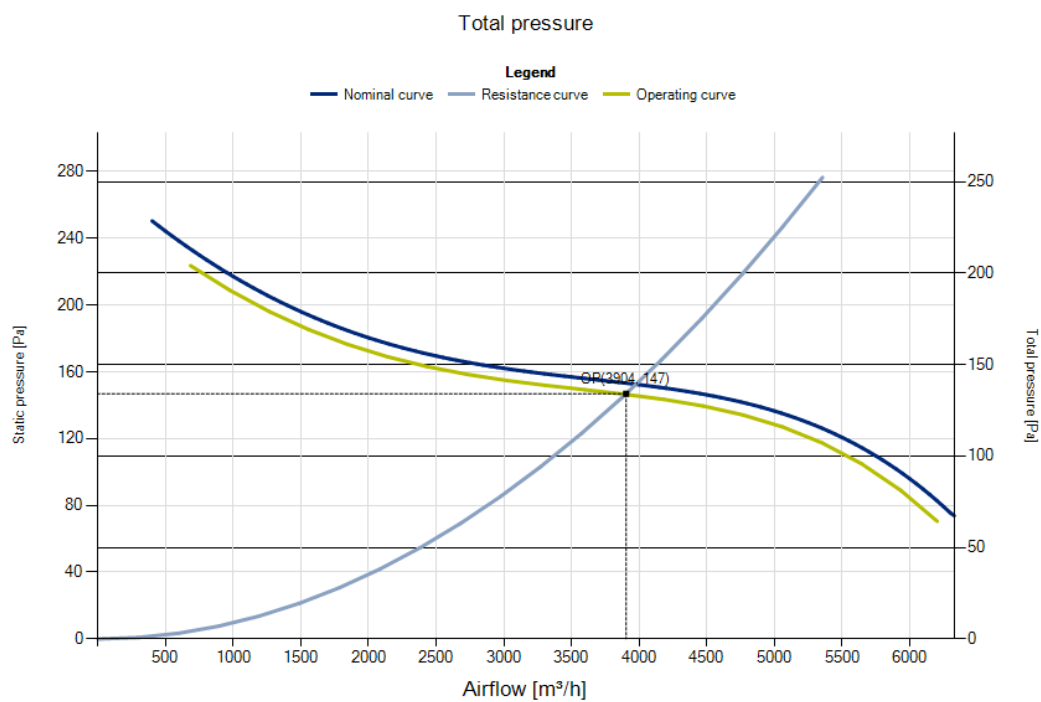
EC Axial Fans with guard grill for short inlet

Ordering code: 0310-4-0127

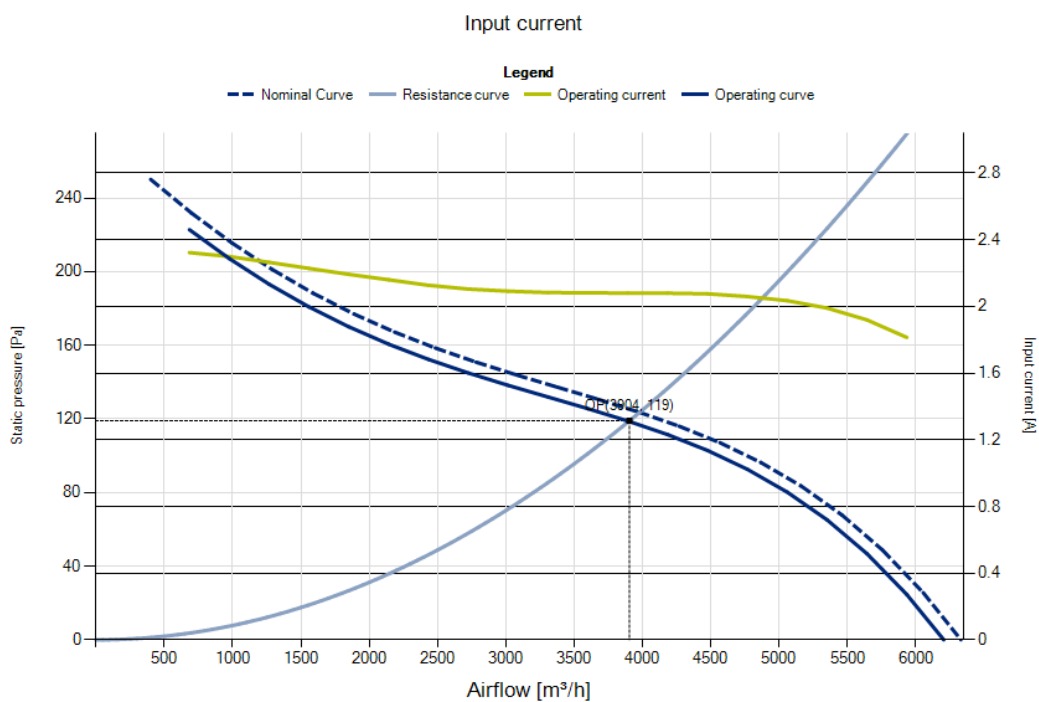
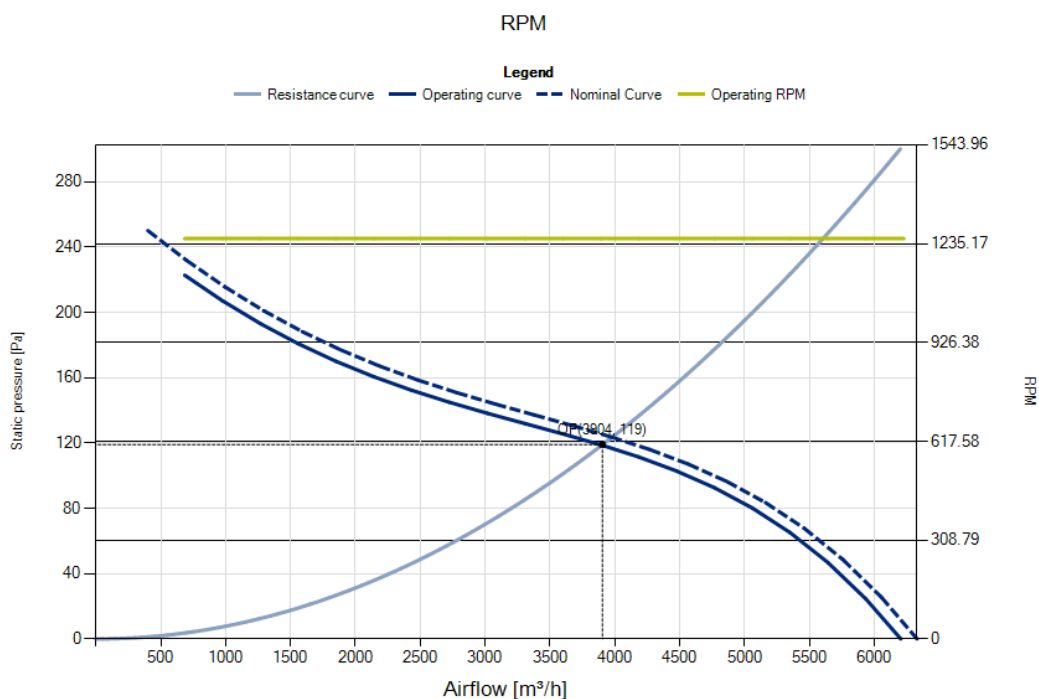
Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	3904	Phase [~]	1	Overall efficiency [%]	48.3
Static pressure [Pa]	119	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	200-240	Efficiency category	static
Total pressure [Pa]	147	Frequency [Hz]	50 / 60	Efficiency grade N	57.8
Rotation speed [1/min]	1258	Input power [W]	300 / 300	Variable speed drive	INTEGRATED
Input power [W]	309	Input current [A]	2.05 / 2.05	Power input [kW]	0.32
Current [A]	2.09	Nominal speed [rpm]	1280 / 1280	Airflow [m3/h]	3904
Total efficiency [%]	52	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	131
Static efficiency [%]	42	Max. ambient temp. [°C]	65	Rotational Speed [rpm]	1281
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]	0.00		
Weighted sound pressure [dB(A)]	0	K. Value	0		
		Connection	0 / 0		
		Weight [Kg]	5.3		

Static pressure





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Overall static efficiency

