

#1 DATA SHEET

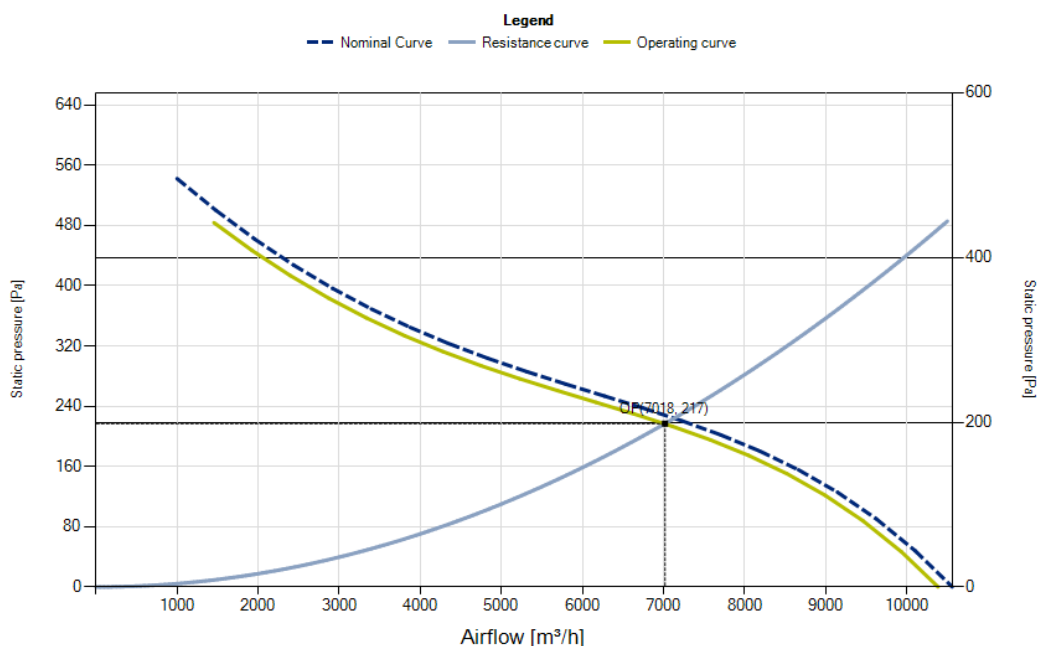
R14R-50APB-ET60B-13B23

EC Axial Fans with guard grill for short inlet

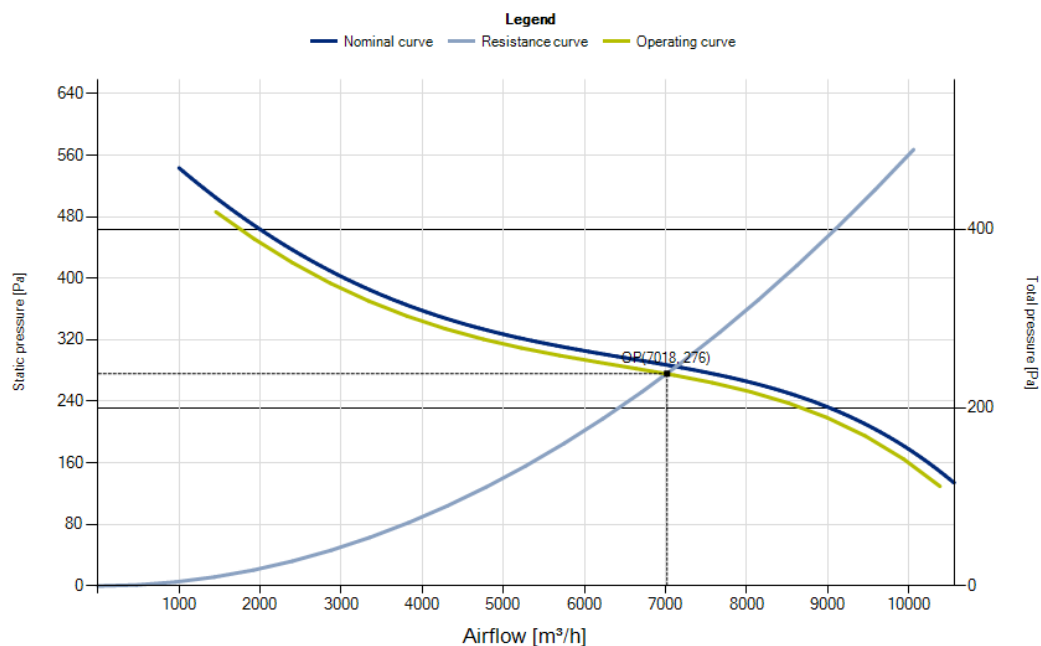
Ordering code: 0314-4-0045

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	7018	Phase [~]	3	Overall efficiency [%]	46.9
Static pressure [Pa]	217	Voltage [V]	400 / 400	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	380-480	Efficiency category	static
Total pressure [Pa]	276	Frequency [Hz]	50 / 60	Efficiency grade N	53.1
Rotation speed [1/min]	1591	Input power [W]	980 / 980	Variable speed drive	INTEGRATED
Input power [W]	1010	Input current [A]	1.60 / 1.60	Power input [kW]	1.03
Current [A]	1.6	Nominal speed [rpm]	1600 / 1600	Airflow [m3/h]	7018
Total efficiency [%]	53	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	237
Static efficiency [%]	42	Max. ambient temp. [°C]	60	Rotational Speed [rpm]	1617
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]	12.6		

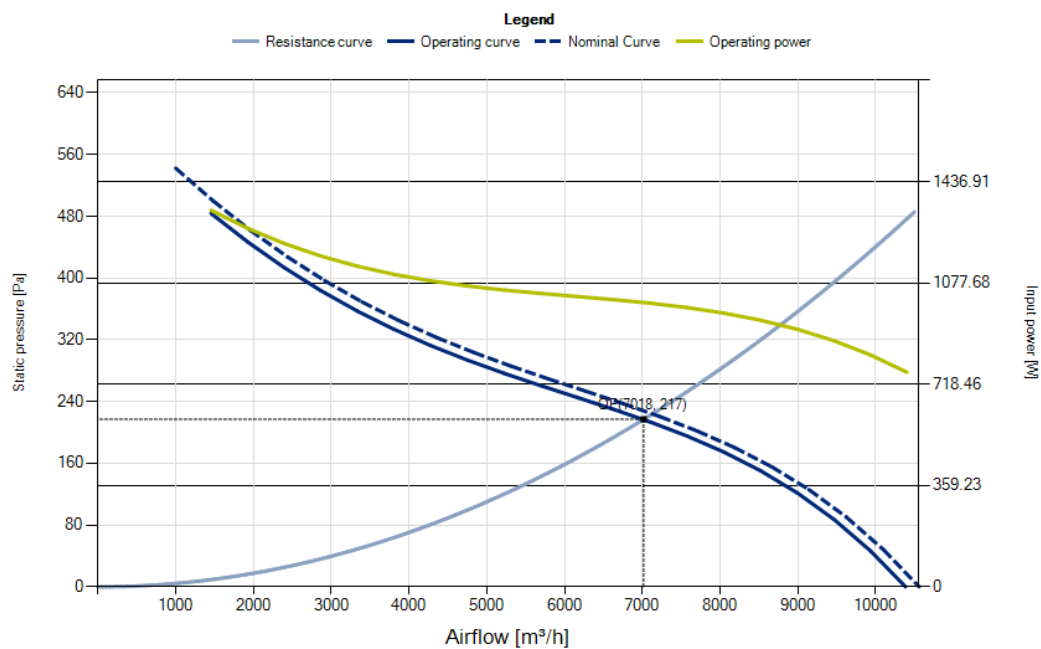
Static pressure

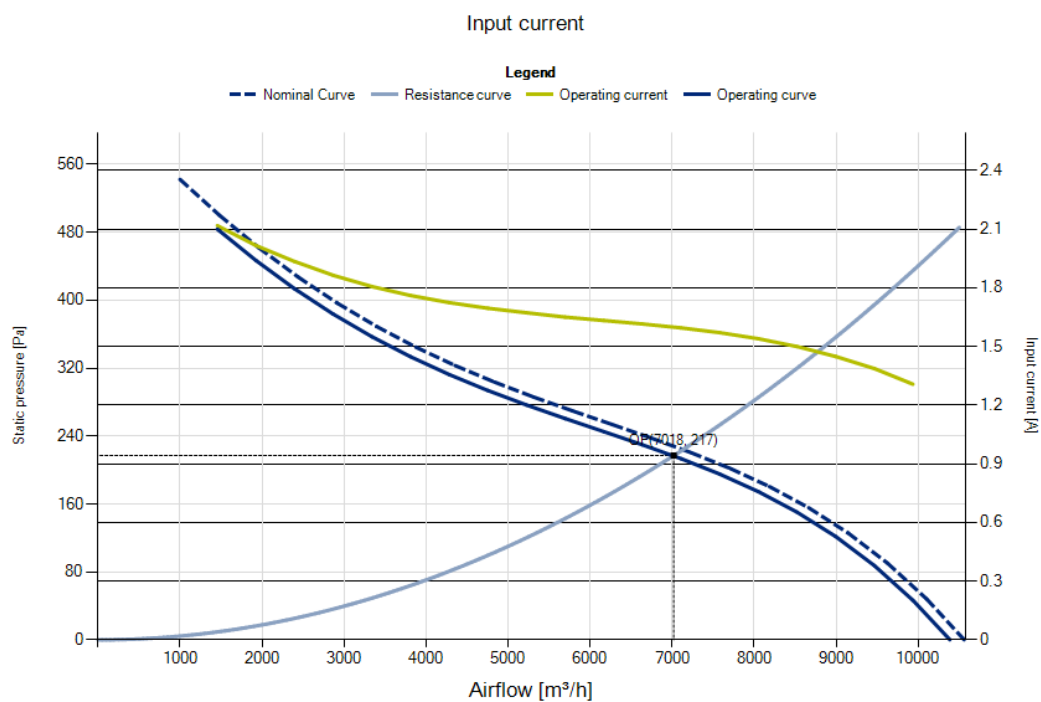
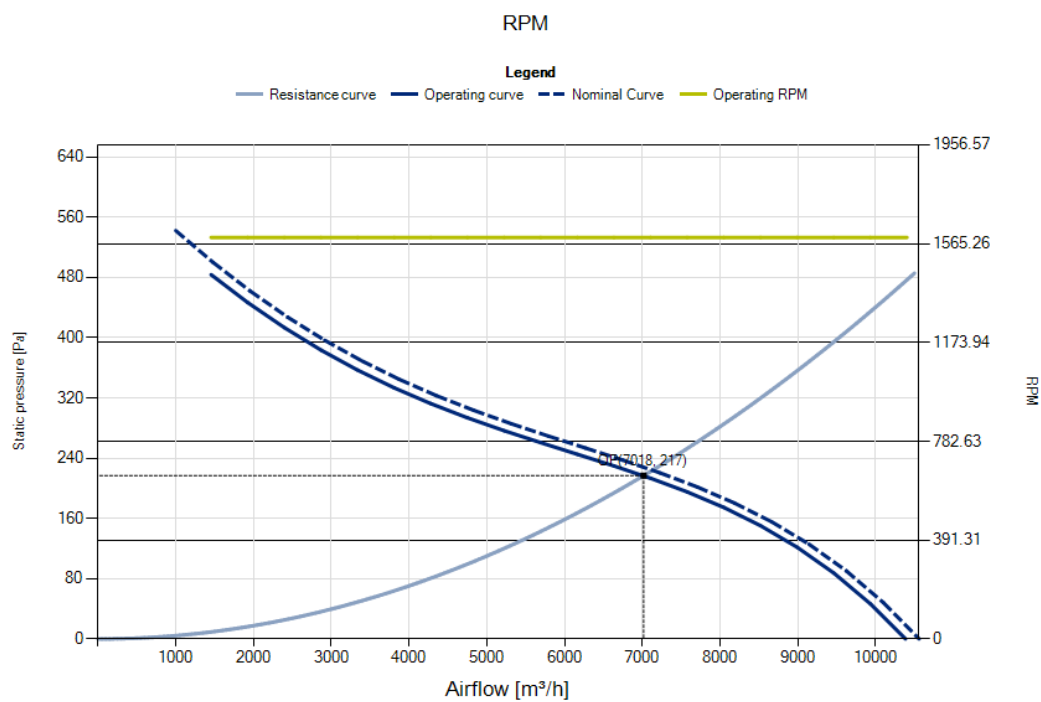


Total pressure

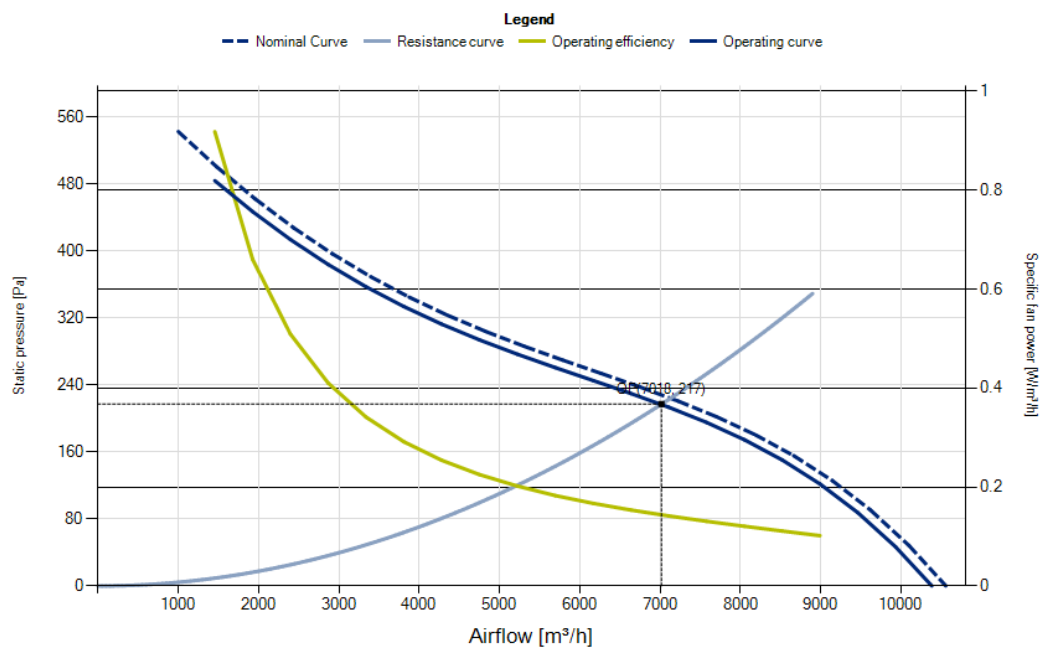


Input power

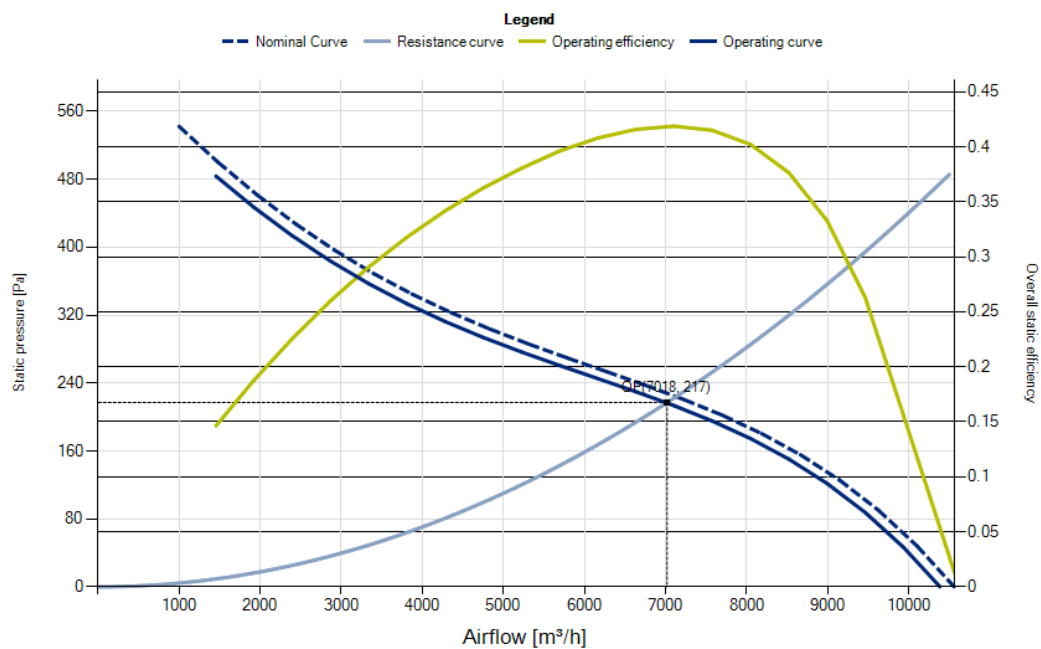




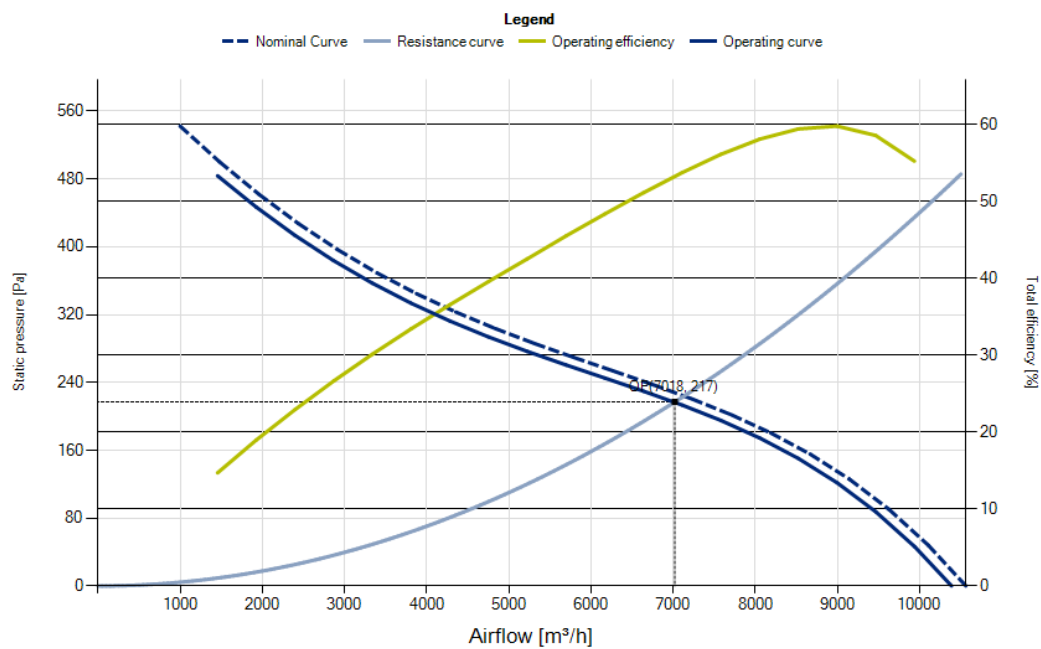
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

