

#1 DATA SHEET

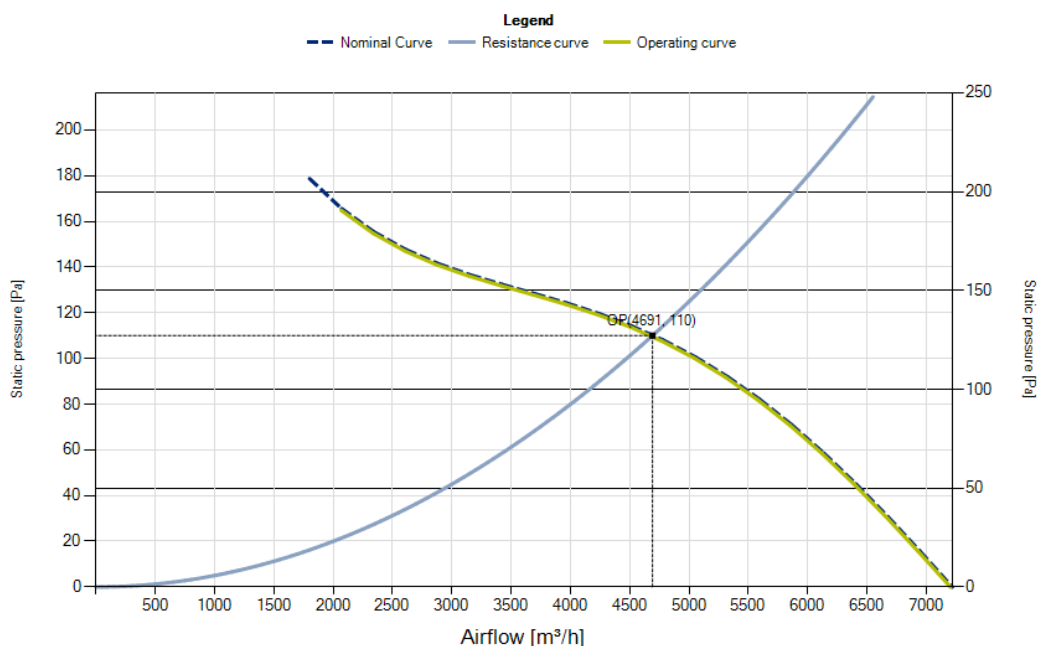
R10R-50APS-ES50B-09C17

EC Axial Fans with guard grill for short inlet

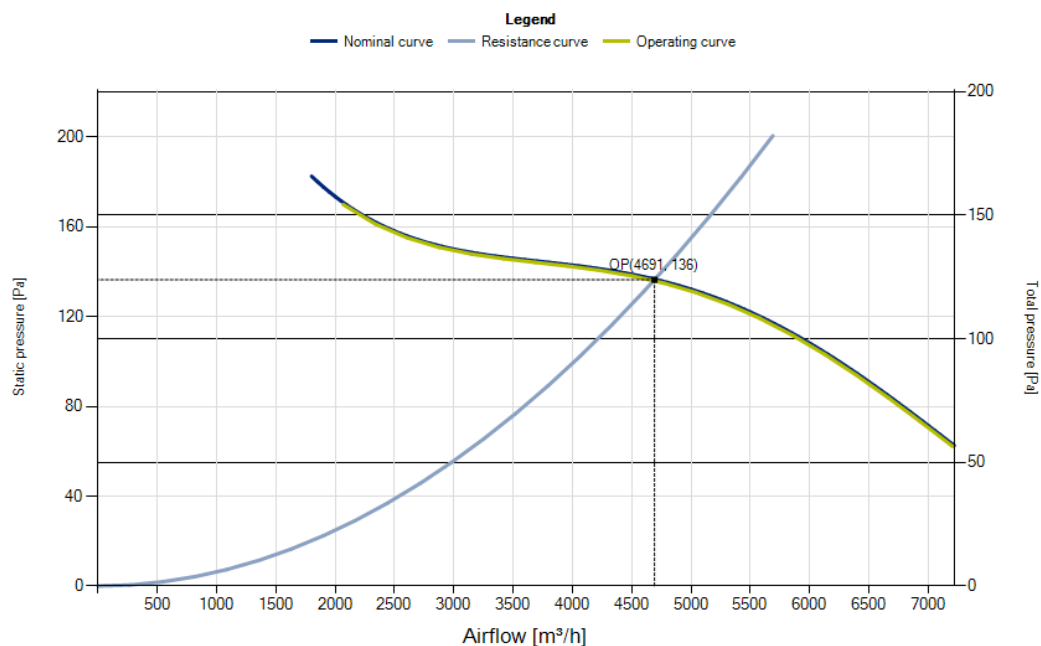
Ordering code: 0310-4-0131

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	4691	Phase [~]	1	Overall efficiency [%]	49.0
Static pressure [Pa]	110	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	200-240	Efficiency category	static
Total pressure [Pa]	136	Frequency [Hz]	50 / 60	Efficiency grade N	58.5
Rotation speed [1/min]	1108	Input power [W]	300 / 300	Variable speed drive	INTEGRATED
Input power [W]	332	Input current [A]	2.00 / 2.00	Power input [kW]	0.32
Current [A]	2.25	Nominal speed [rpm]	1100 / 1100	Airflow [m3/h]	4691
Total efficiency [%]	54	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	110
Static efficiency [%]	43	Max. ambient temp. [°C]	65	Rotational Speed [rpm]	1110
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]	7.4		

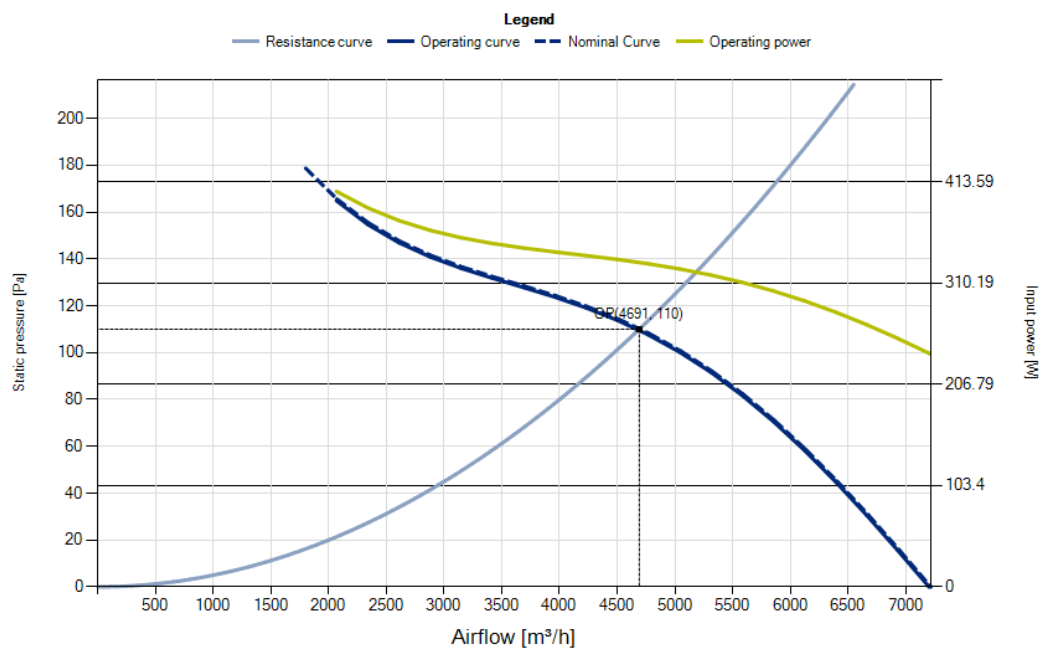
Static pressure

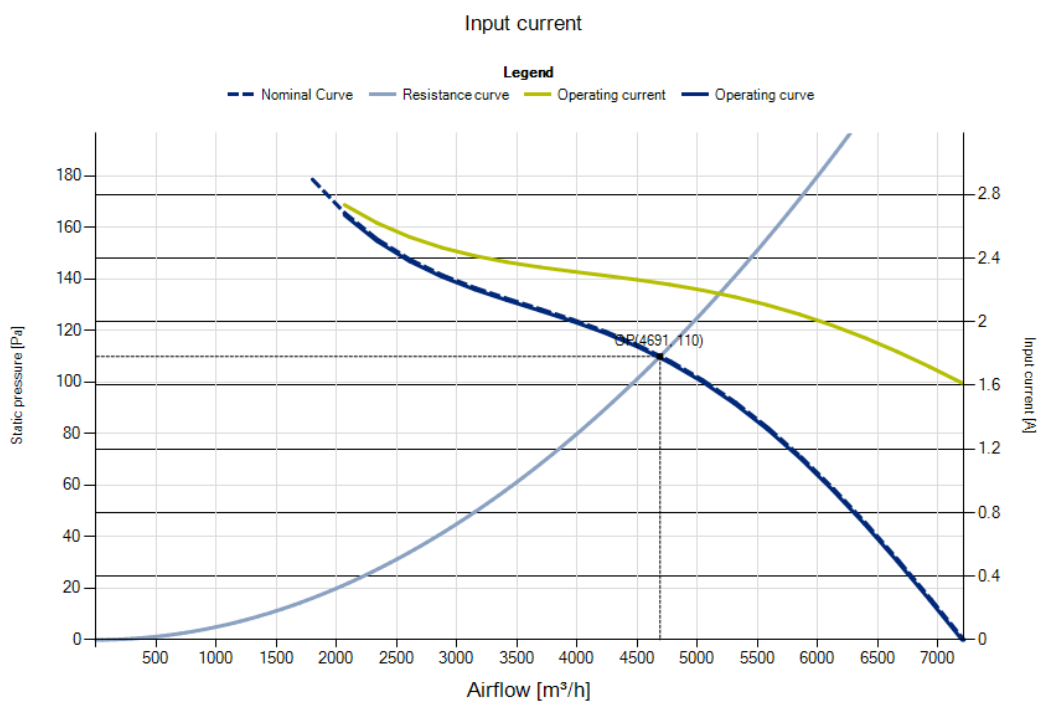
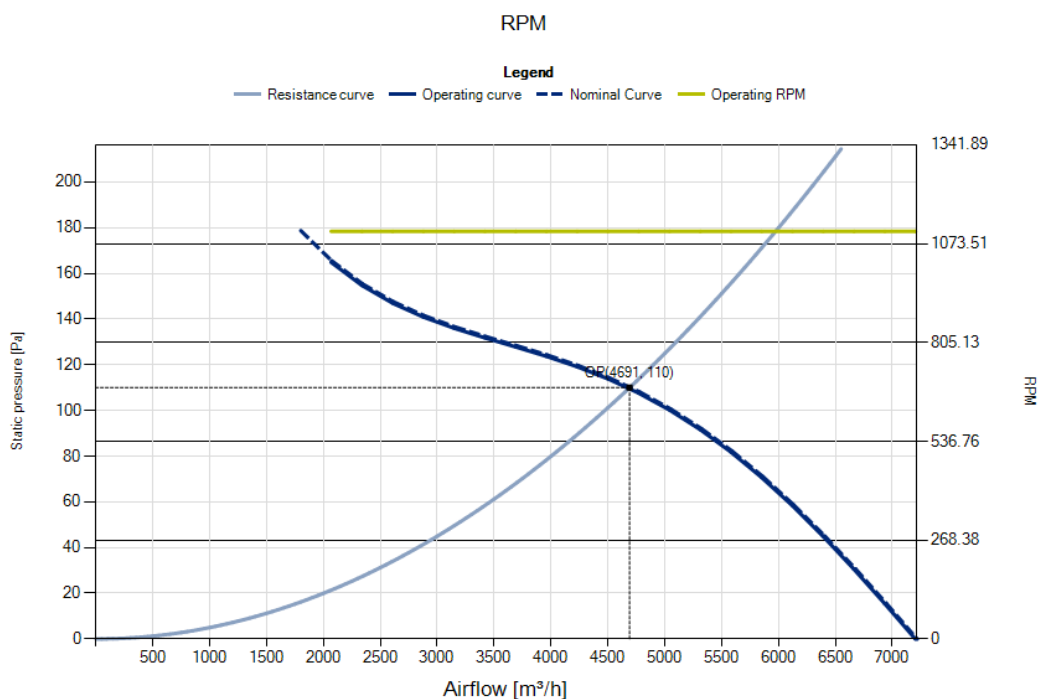


Total pressure

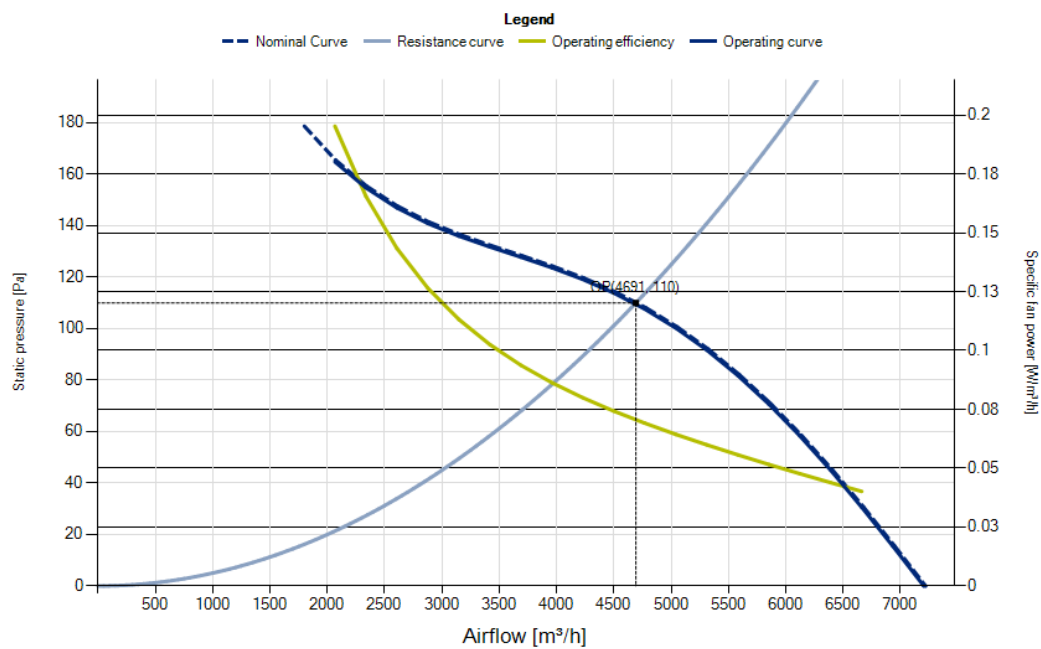


Input power

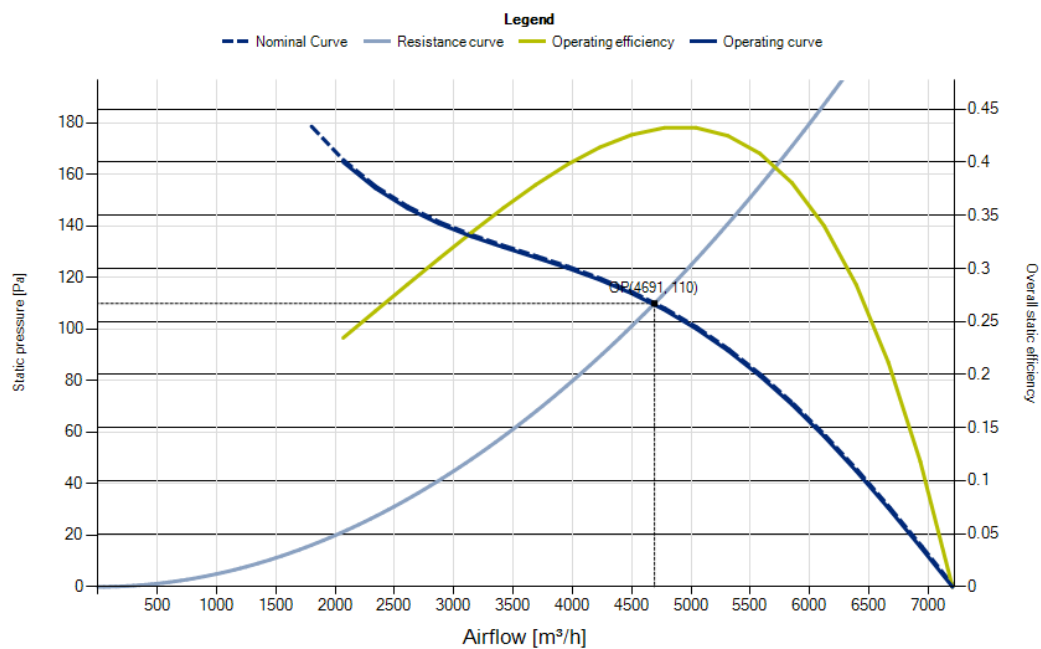




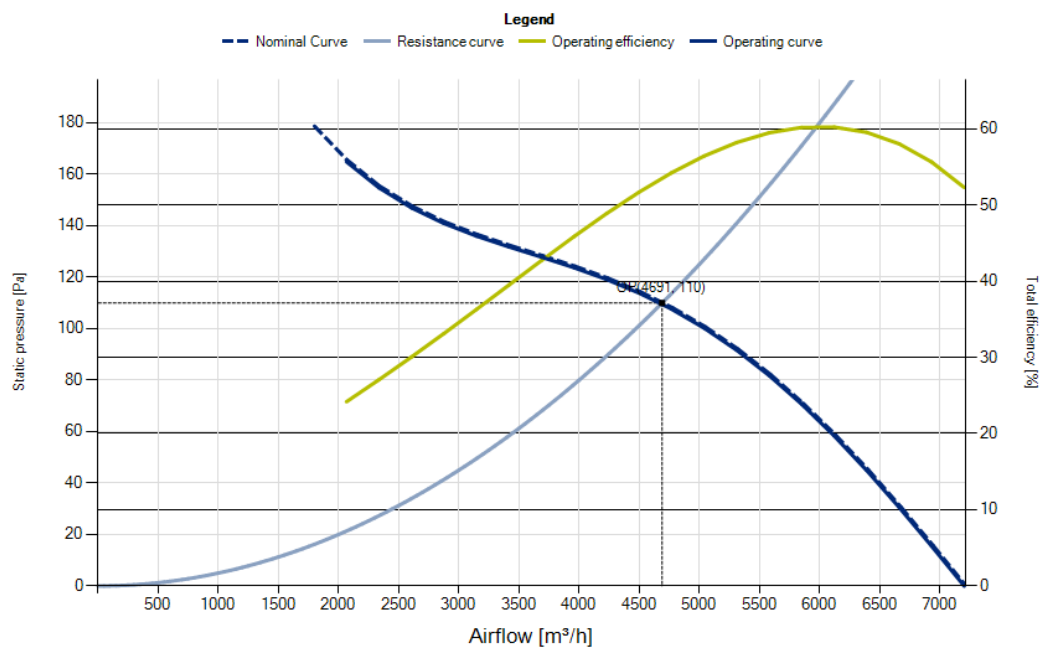
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

