

#1 DATA SHEET

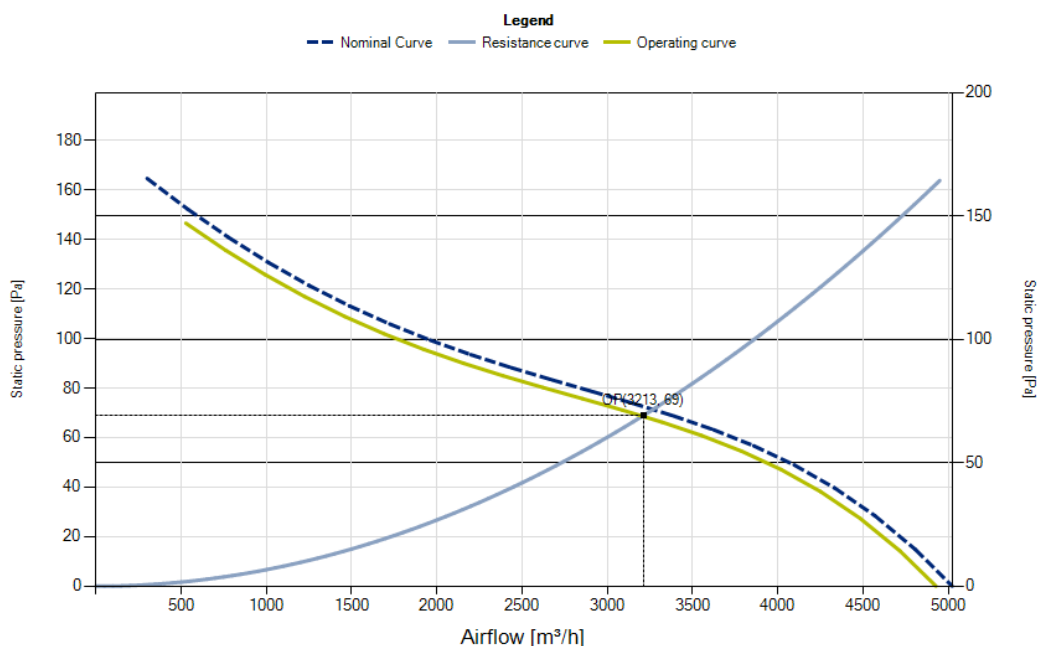
R10R-45APS-ES35B-01B23

EC Axial Fans with guard grill for short inlet

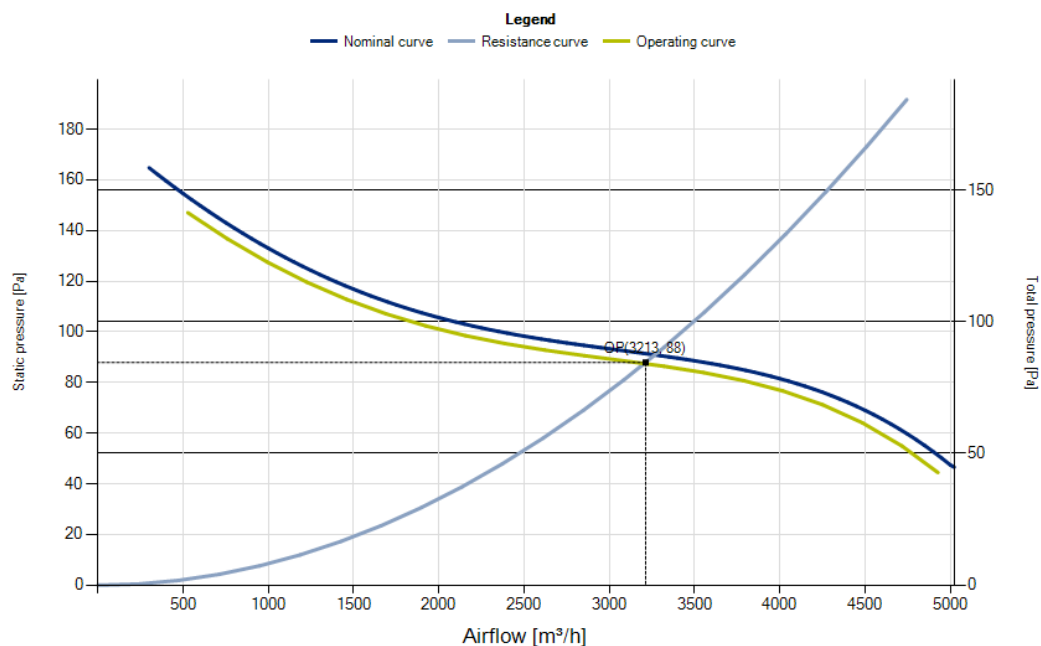
Ordering code: 0310-4-0125

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	3213	Phase [~]	1	Overall efficiency [%]	47.4
Static pressure [Pa]	69	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	230	Efficiency category	static
Total pressure [Pa]	88	Frequency [Hz]	50 / 60	Efficiency grade N	58.8
Rotation speed [1/min]	990	Input power [W]	145 / 145	Variable speed drive	INTEGRATED
Input power [W]	156	Input current [A]	1.15 / 1.15	Power input [kW]	0.16
Current [A]	1.24	Nominal speed [rpm]	1000 / 1000	Airflow [m3/h]	3213
Total efficiency [%]	50	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	76
Static efficiency [%]	40	Max. ambient temp. [°C]	55	Rotational Speed [rpm]	1008
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]	5.8		

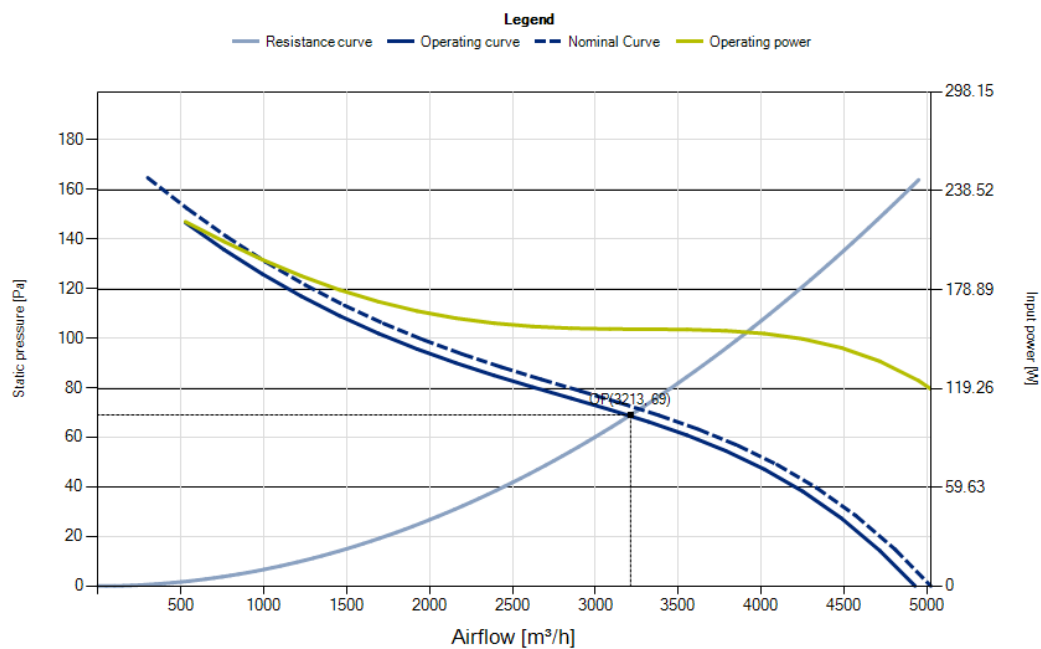
Static pressure

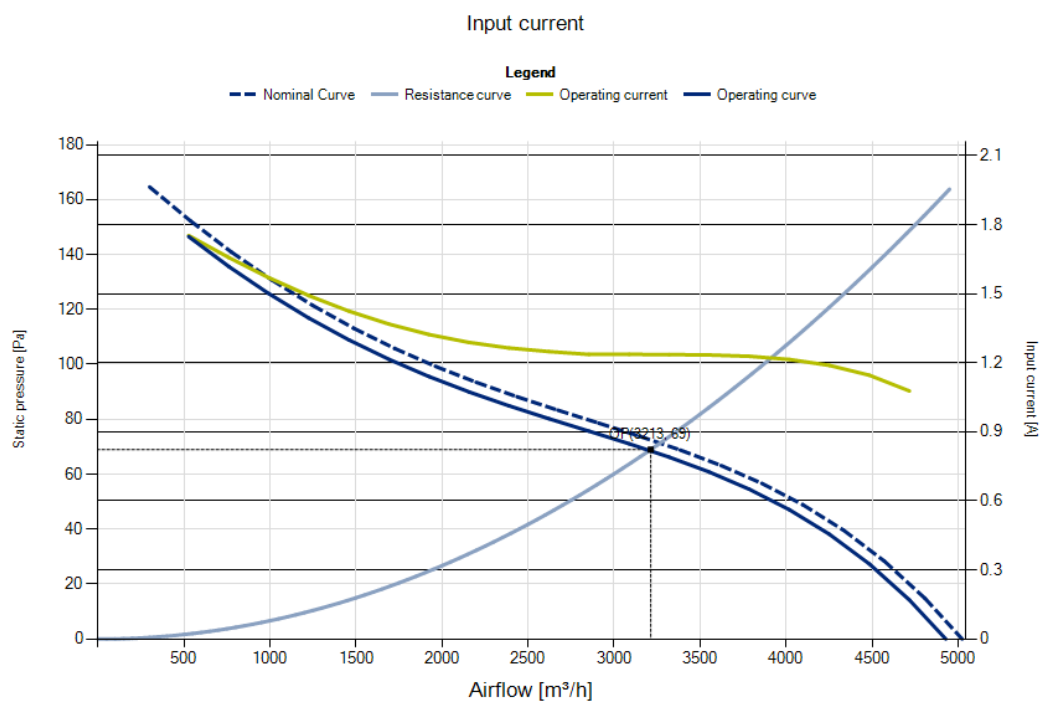
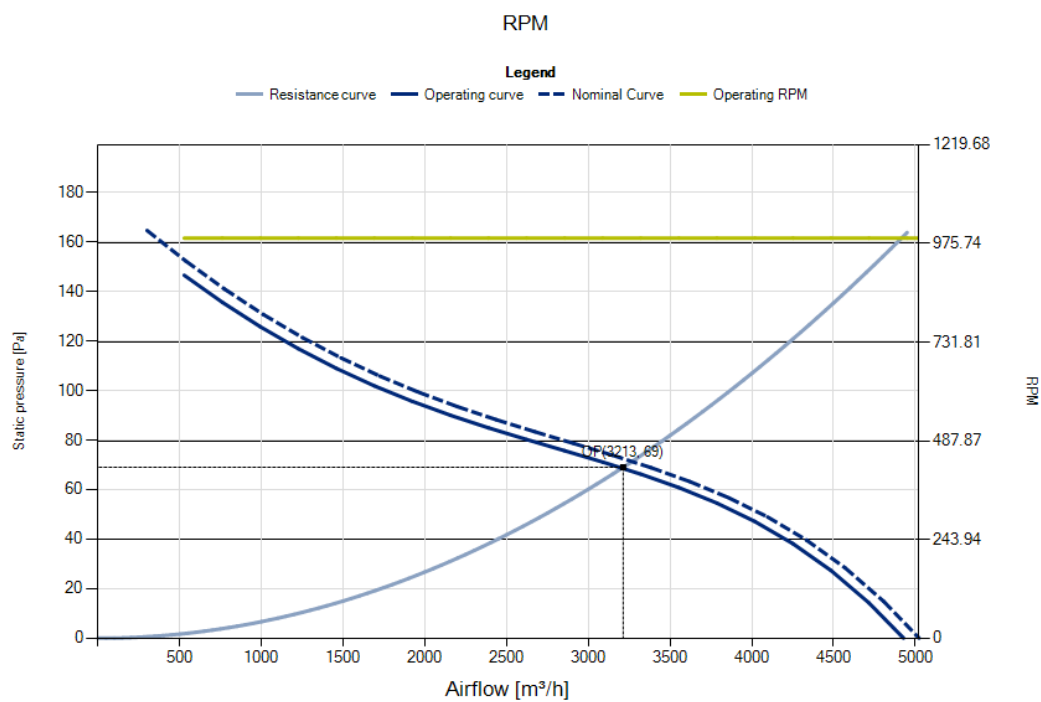


Total pressure

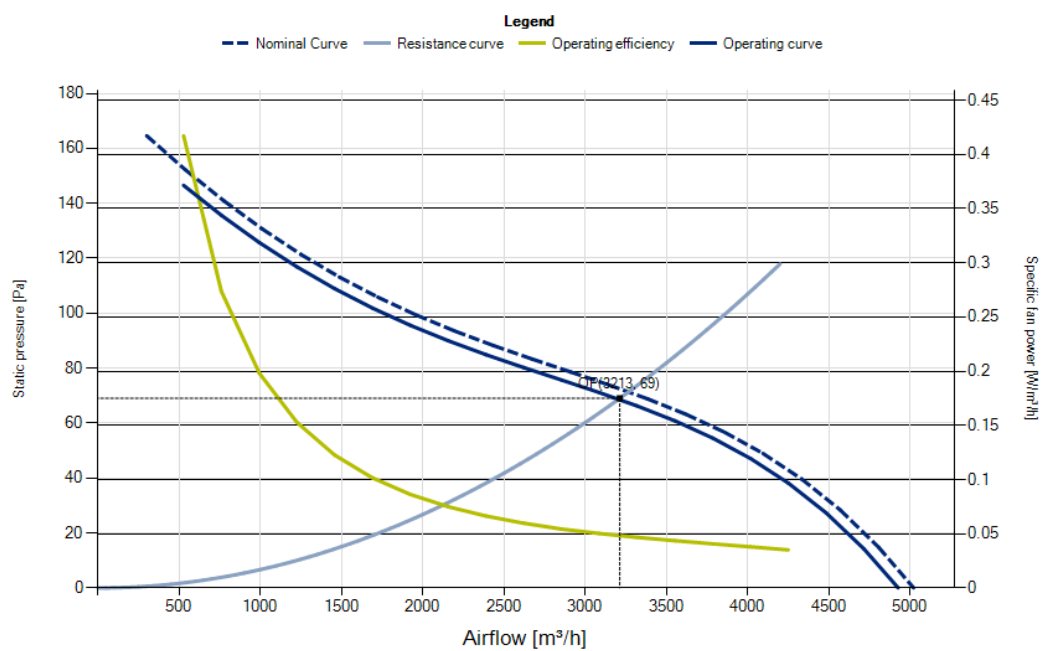


Input power

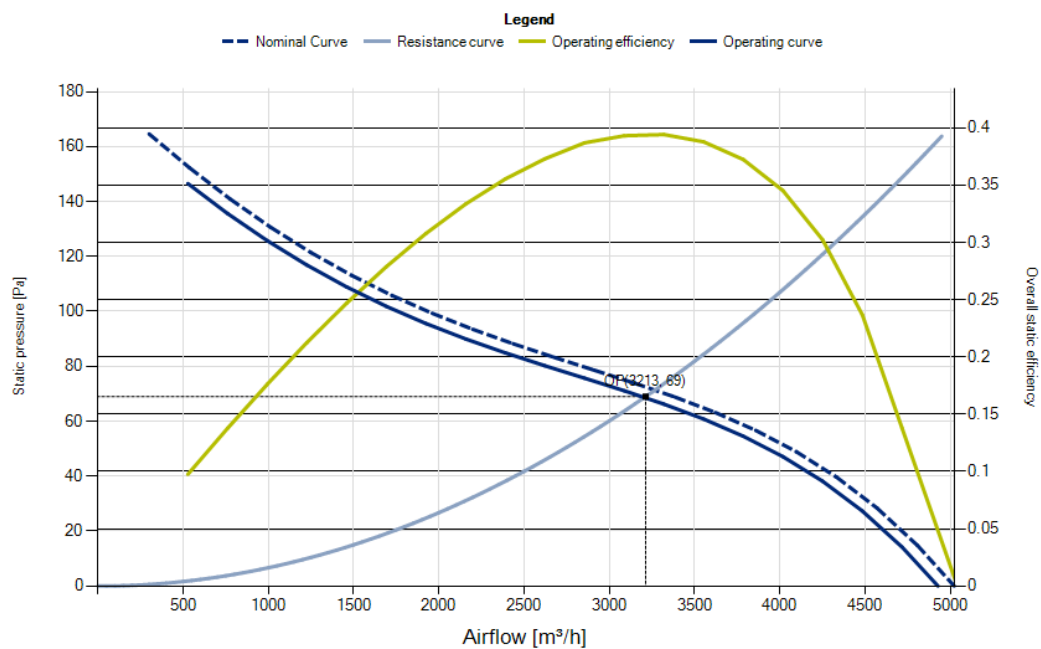




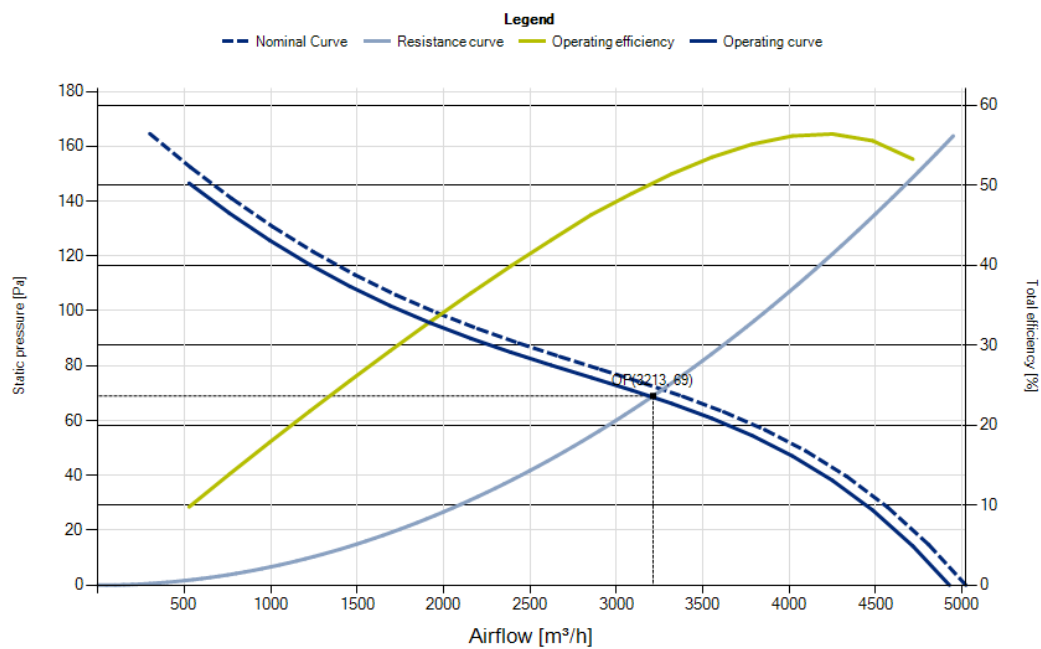
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

