

#1 DATA SHEET

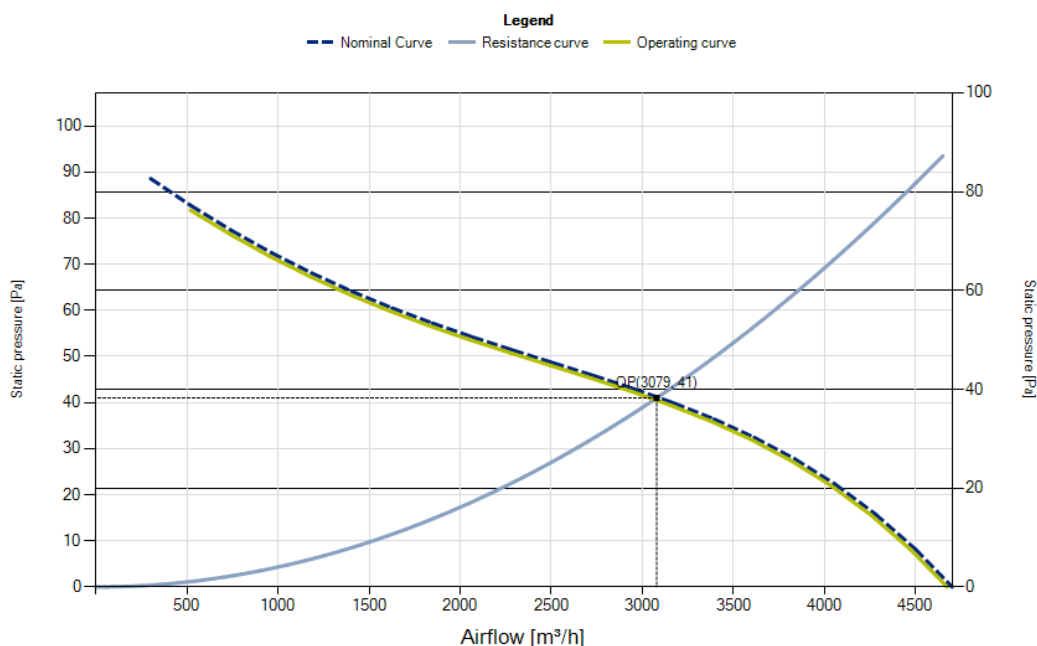
R10R-50APB-ES35B-10B19

EC Axial Fans with guard grill for short inlet

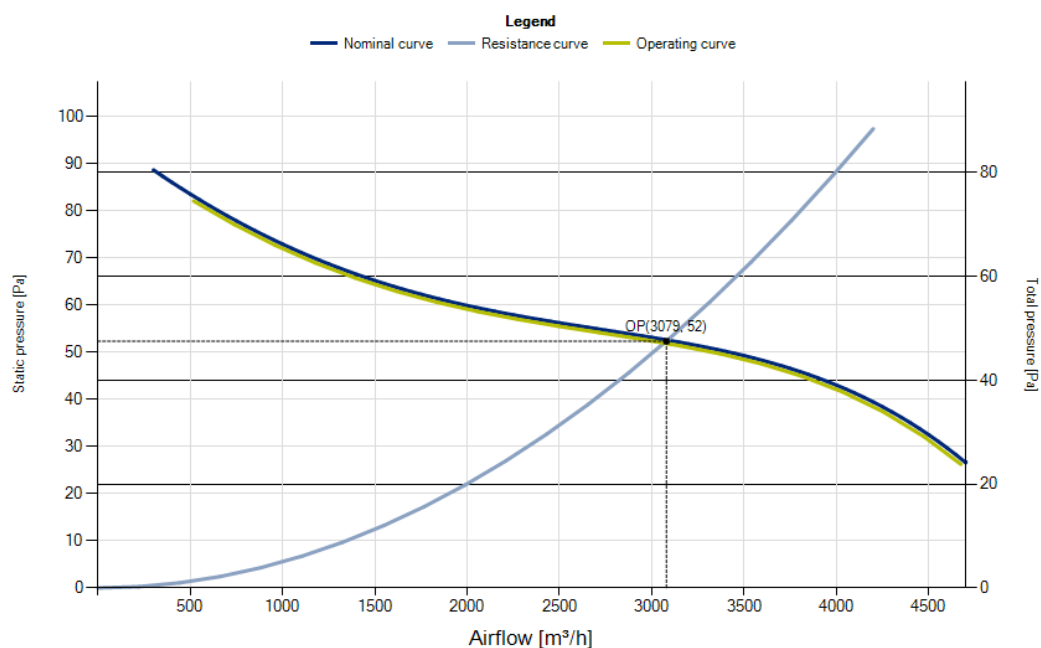
Ordering code: 0310-4-0082

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	3079	Phase [~]	1	Overall efficiency [%]	44.7
Static pressure [Pa]	41	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	230	Efficiency category	static
Total pressure [Pa]	52	Frequency [Hz]	50 / 60	Efficiency grade N	57.6
Rotation speed [1/min]	703	Input power [W]	85 / 85	Variable speed drive	INTEGRATED
Input power [W]	91	Input current [A]	0.70 / 0.70	Power input [kW]	0.01
Current [A]	0.75	Nominal speed [rpm]	700 / 700	Airflow [m3/h]	3079
Total efficiency [%]	49	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	41
Static efficiency [%]	38	Max. ambient temp. [°C]	55	Rotational Speed [rpm]	705
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]	6.9		

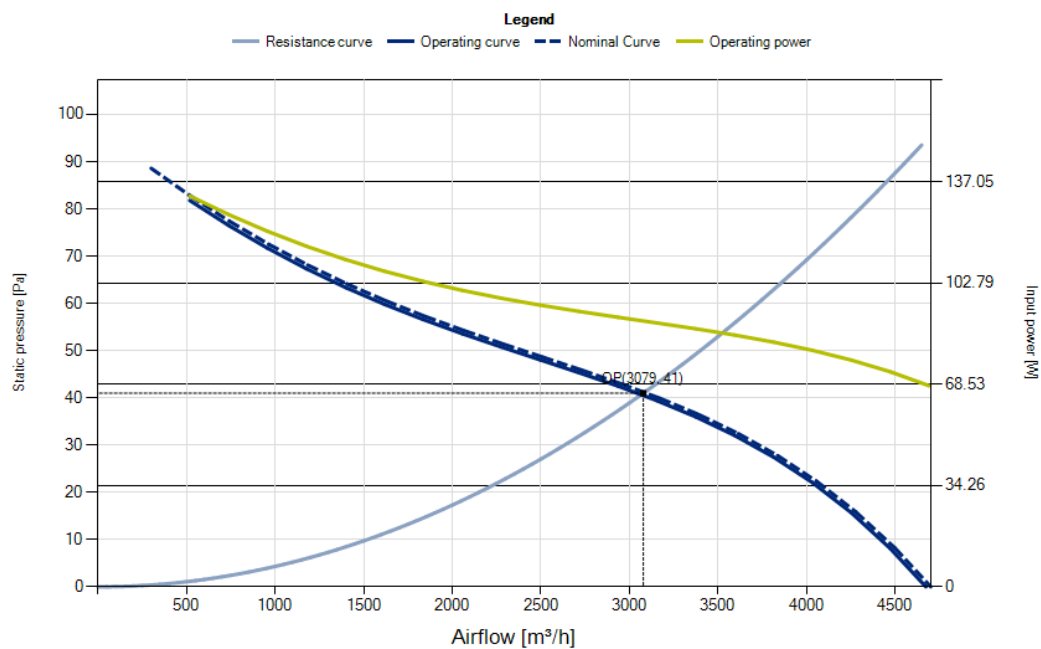
Static pressure

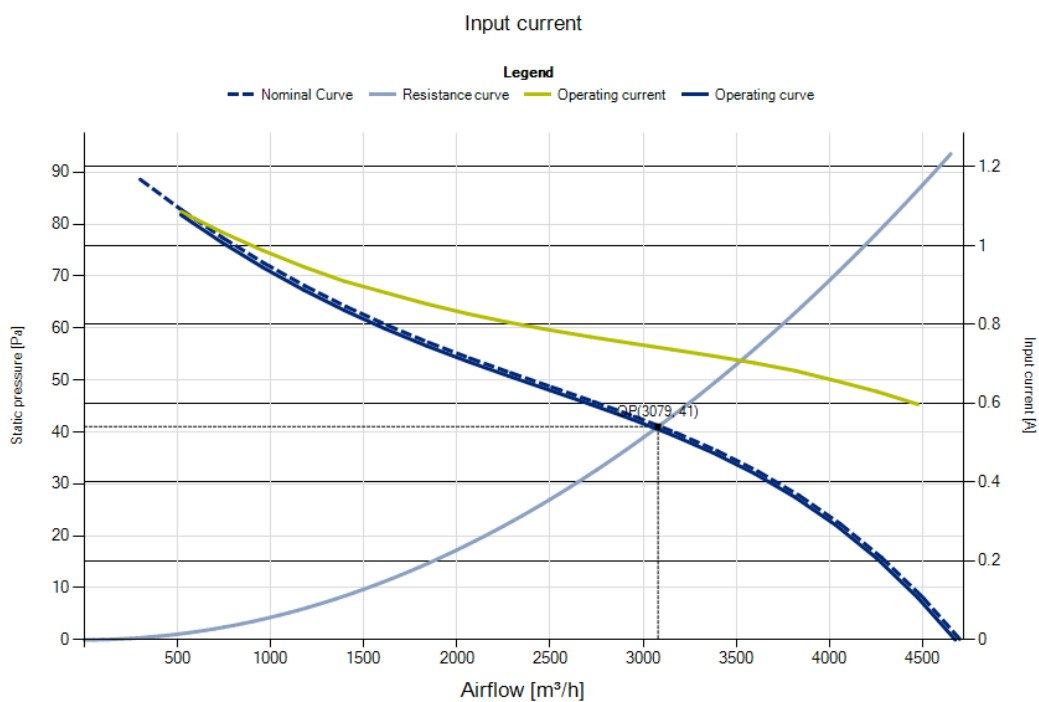
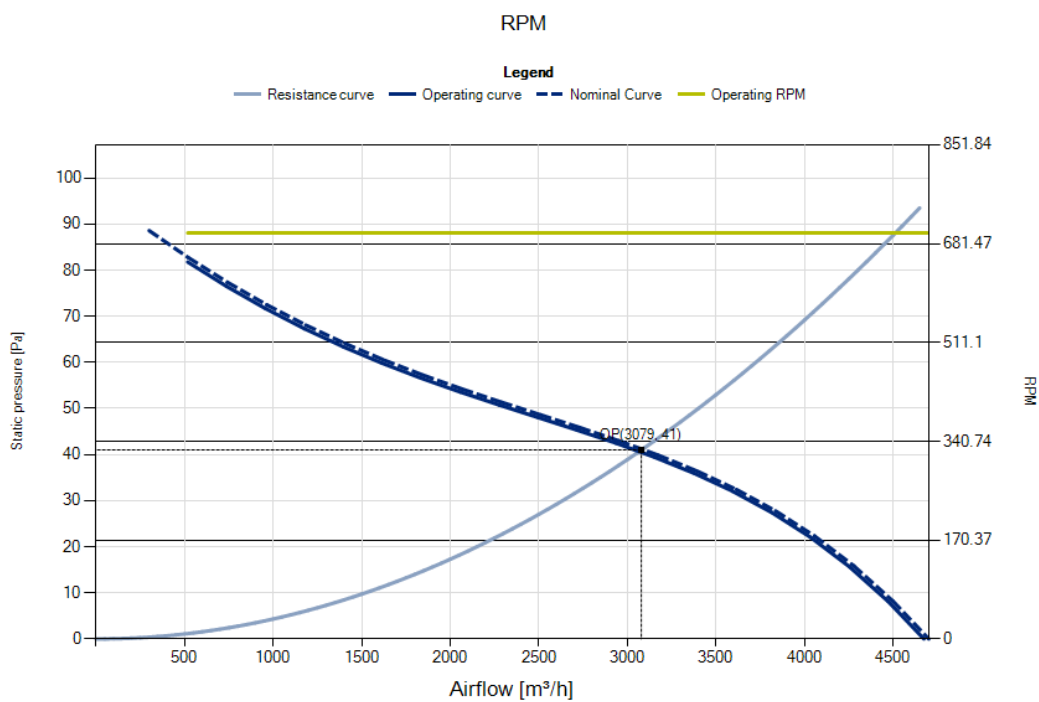


Total pressure

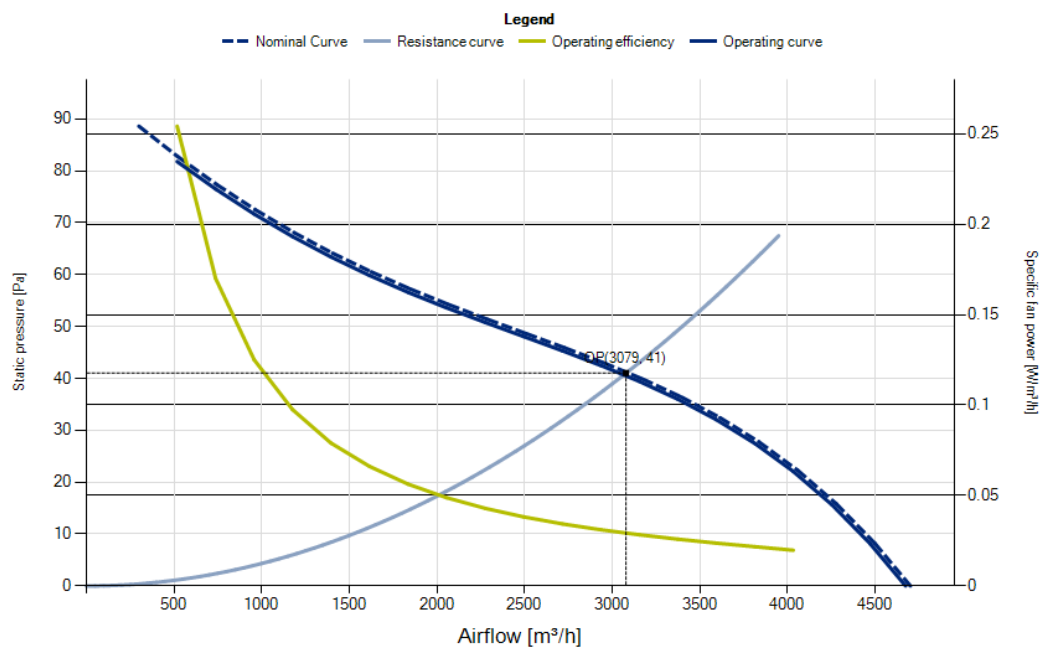


Input power

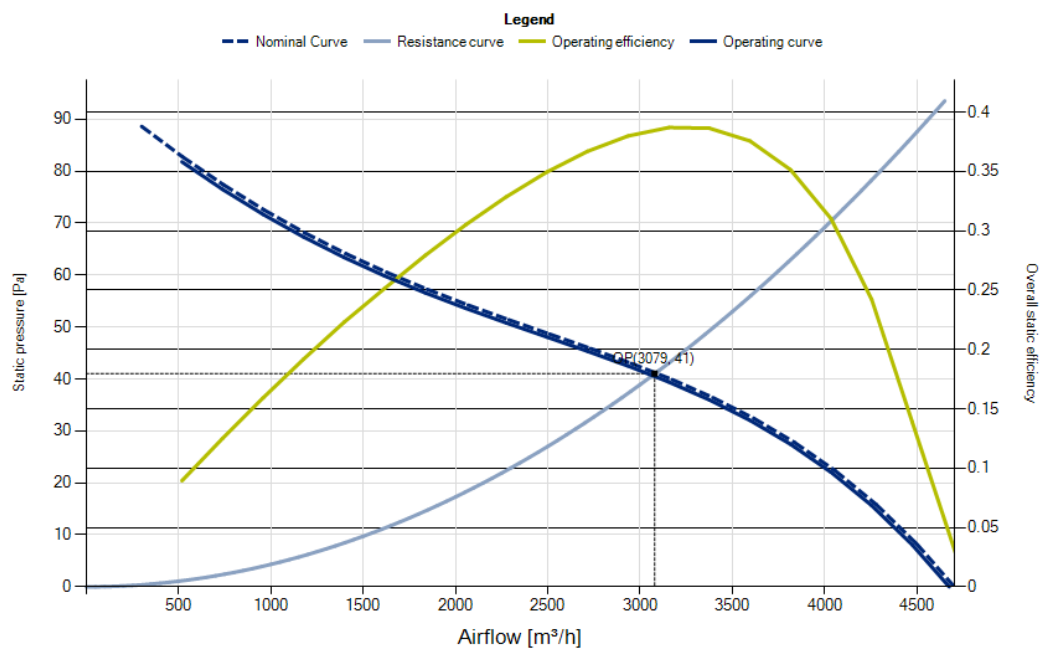




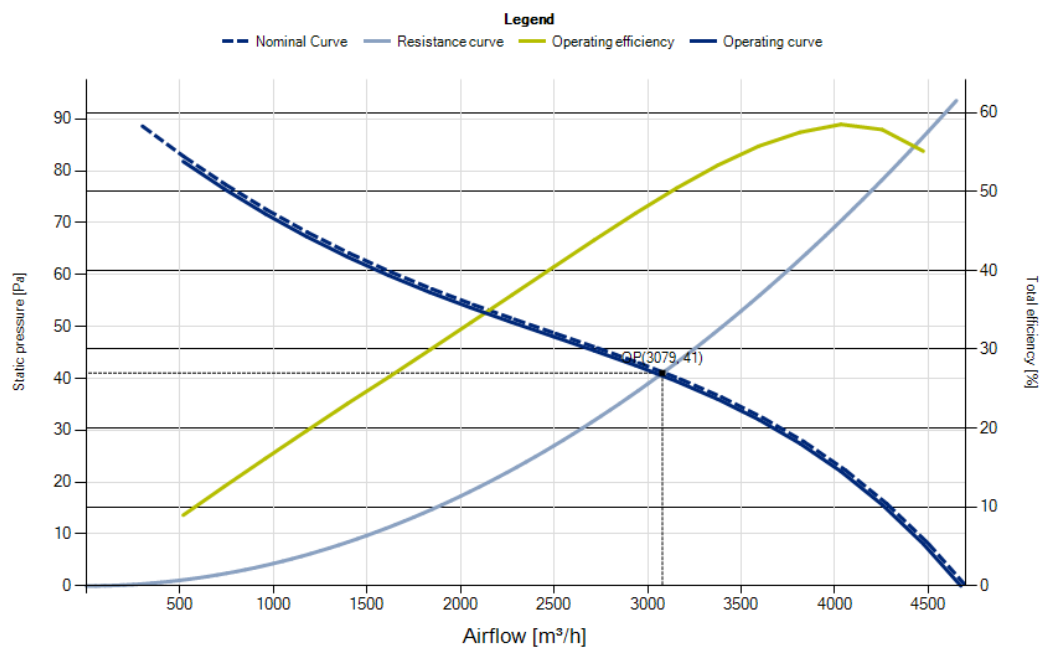
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

