

#1 DATA SHEET

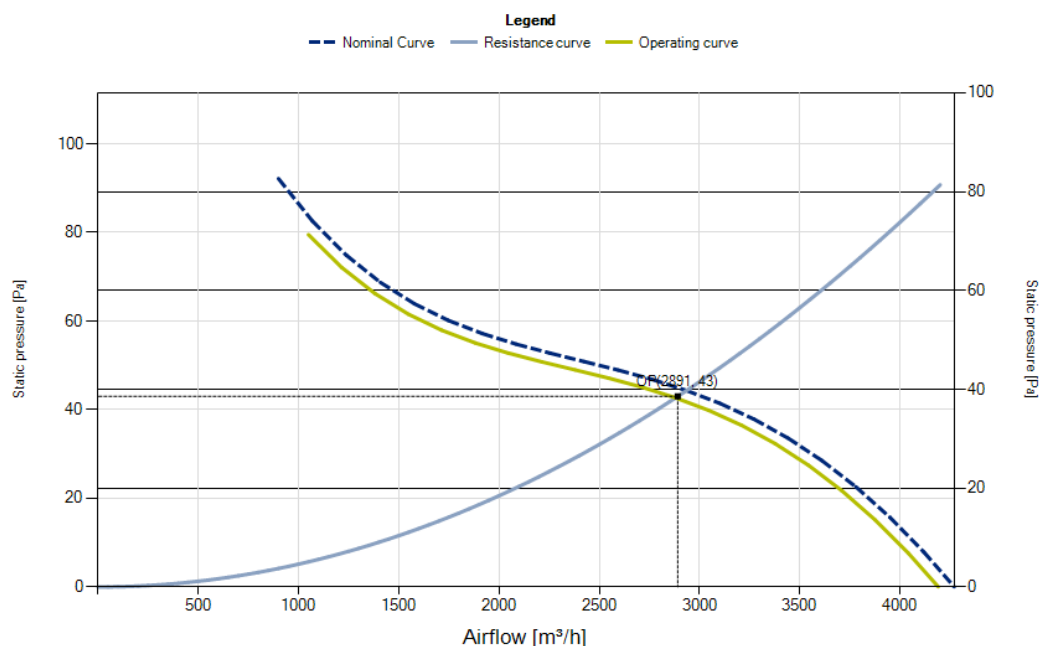
R09R-45APS-ES25C-02B10

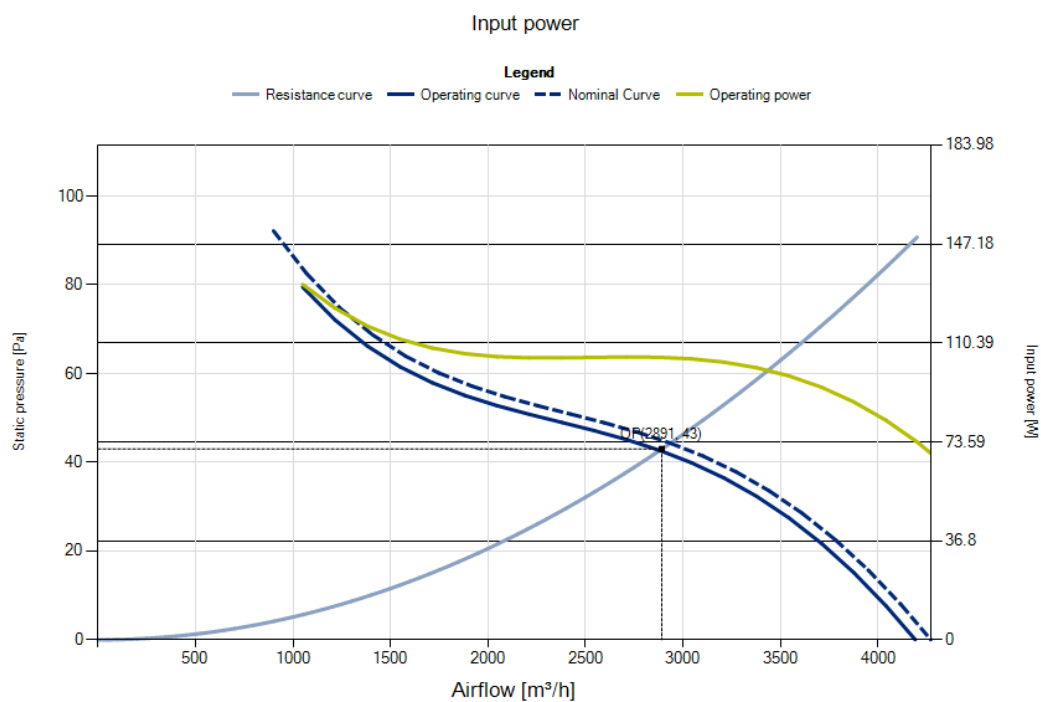
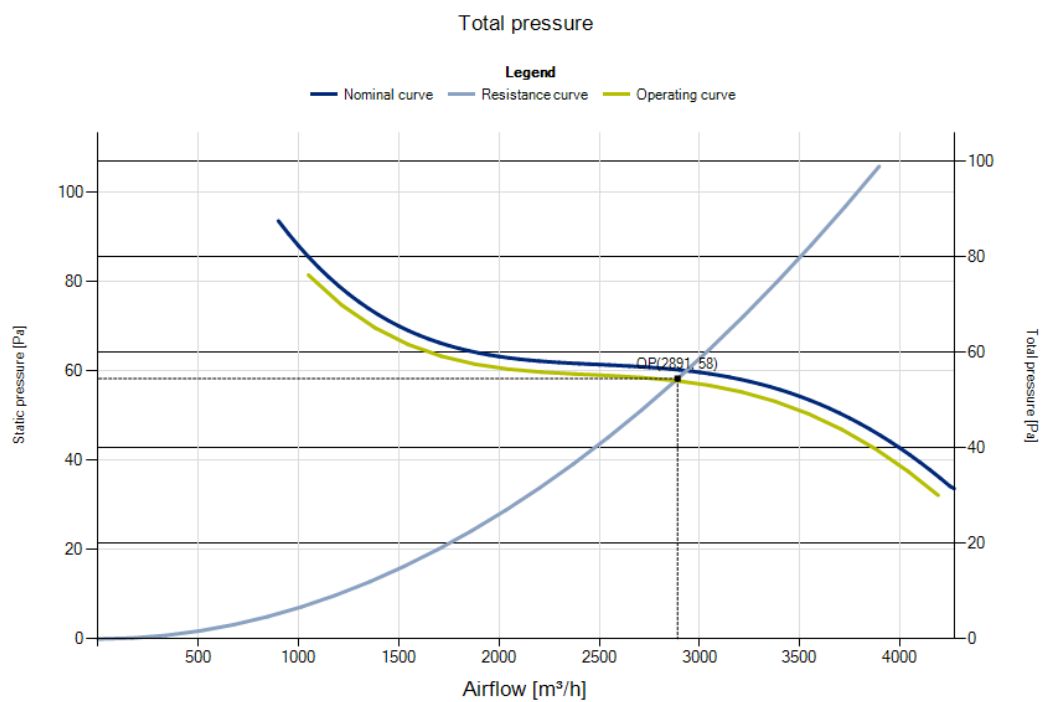
EC Axial Fans with guard grill for short inlet

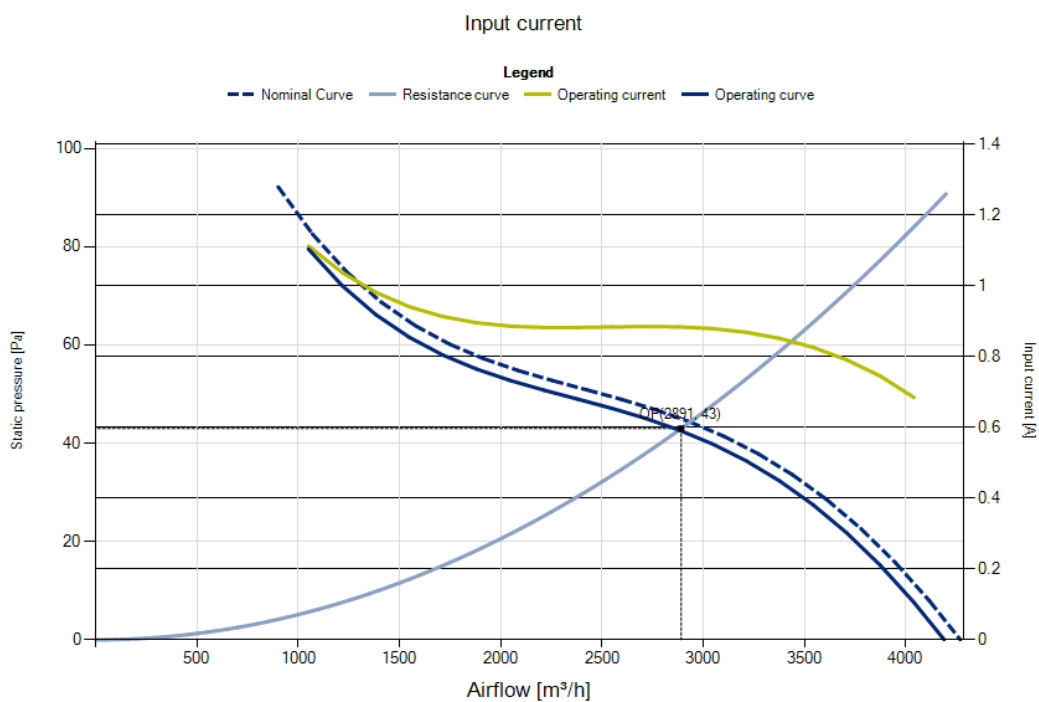
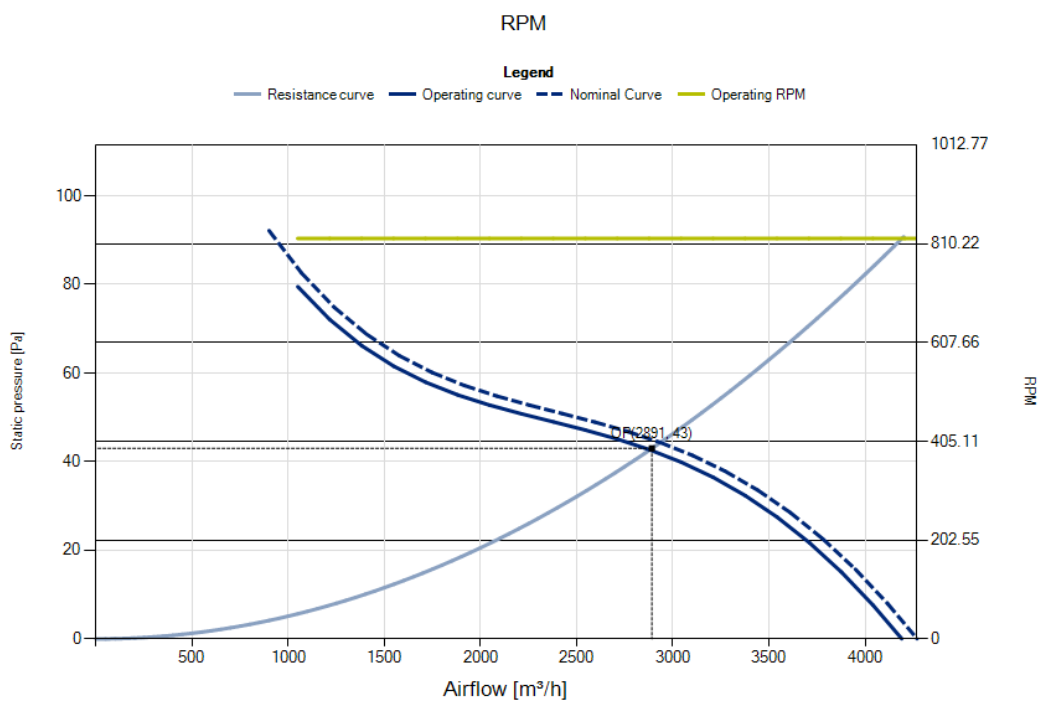
Ordering code: 0309-4-3006

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	2891	Phase [~]	1	Overall efficiency [%]	38.9
Static pressure [Pa]	43	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	230-240	Efficiency category	static
Total pressure [Pa]	58	Frequency [Hz]	50 / 60	Efficiency grade N	51.3
Rotation speed [1/min]	823	Input power [W]	110 / 110	Variable speed drive	INTEGRATED
Input power [W]	106	Input current [A]	0.90 / 0.90	Power input [kW]	0.11
Current [A]	0.89	Nominal speed [rpm]	835 / 835	Airflow [m3/h]	2891
Total efficiency [%]	44	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	47
Static efficiency [%]	32	Max. ambient temp. [°C]	55	Rotational Speed [rpm]	837
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]	4.5		

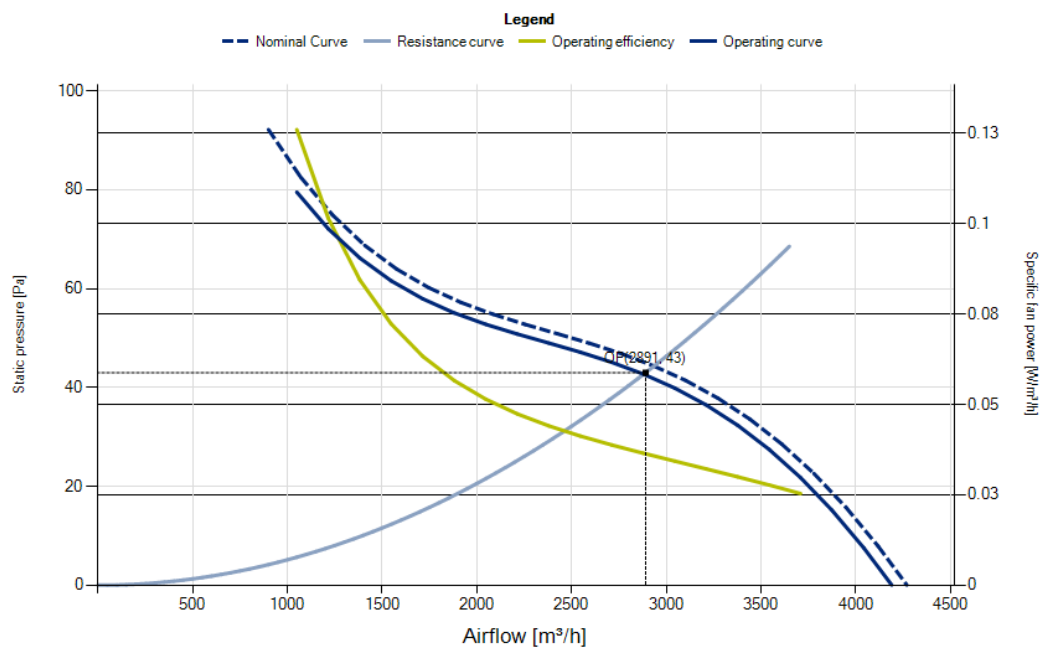
Static pressure







Specific fan power



Overall static efficiency

