

#1 DATA SHEET

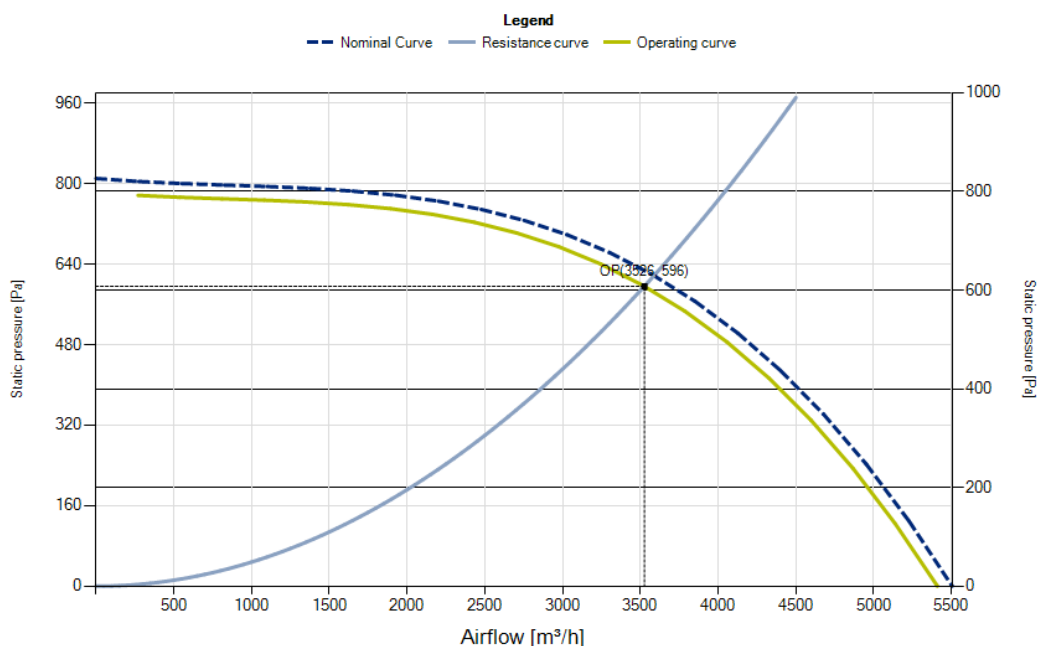
R14G-3511KR-ET40B-20B25

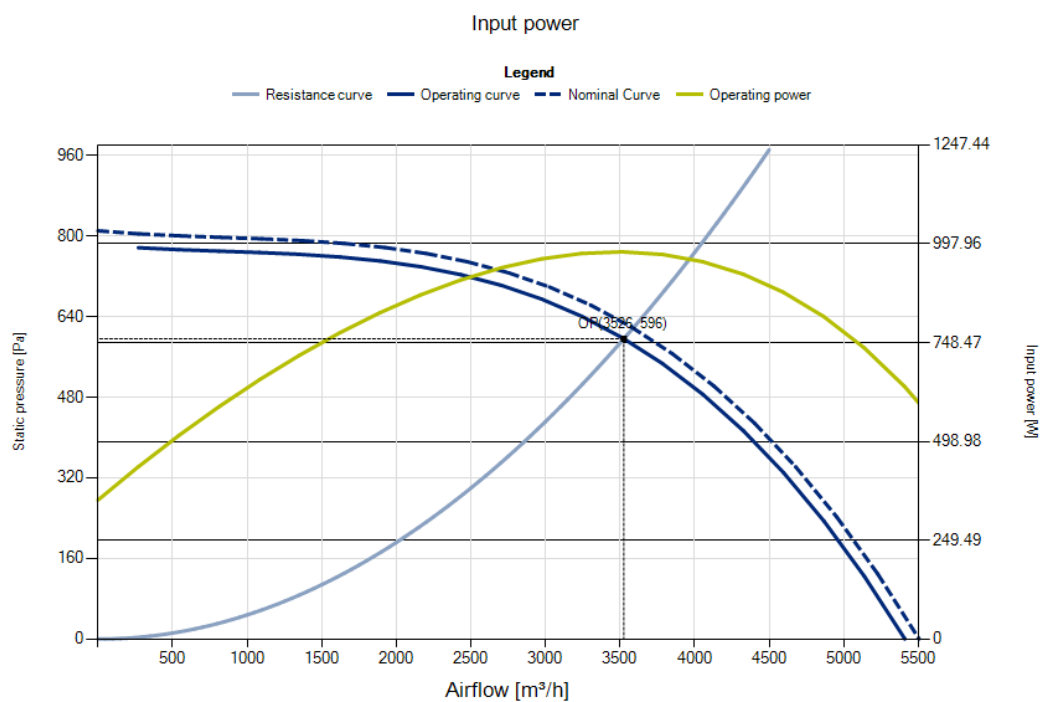
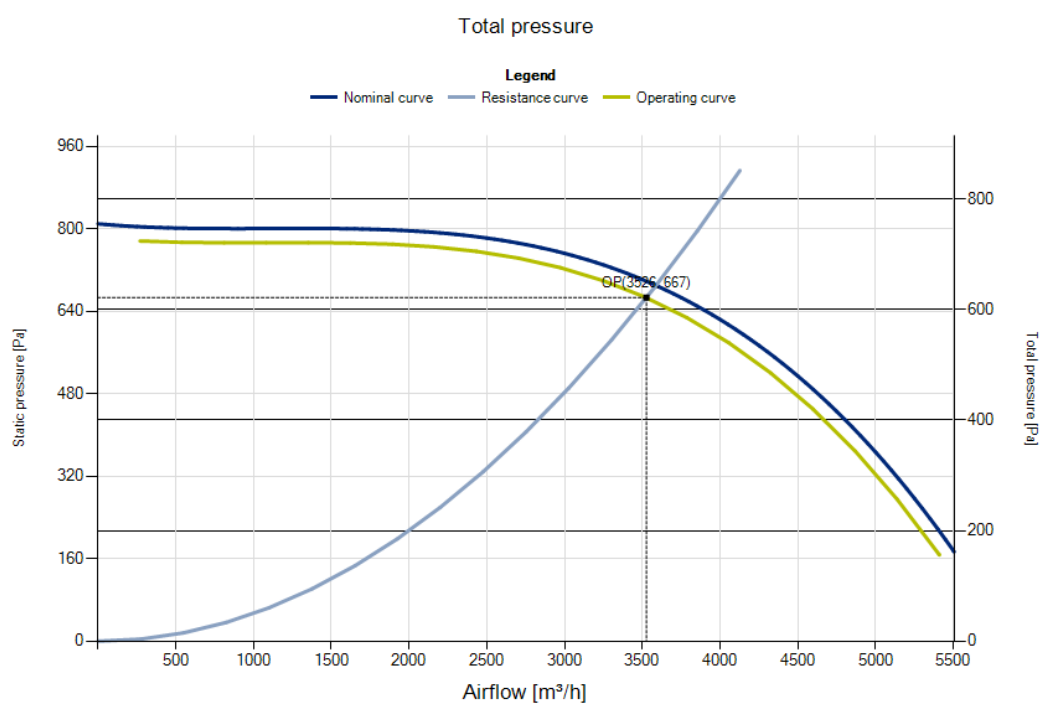
Plug Fans with plate and support brackets

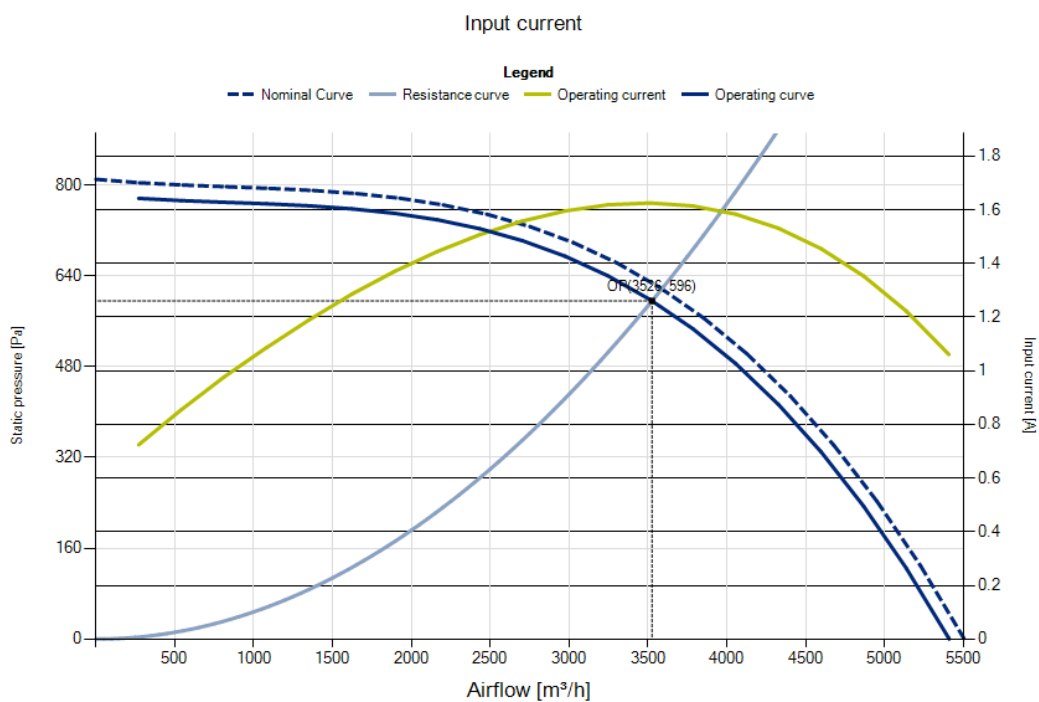
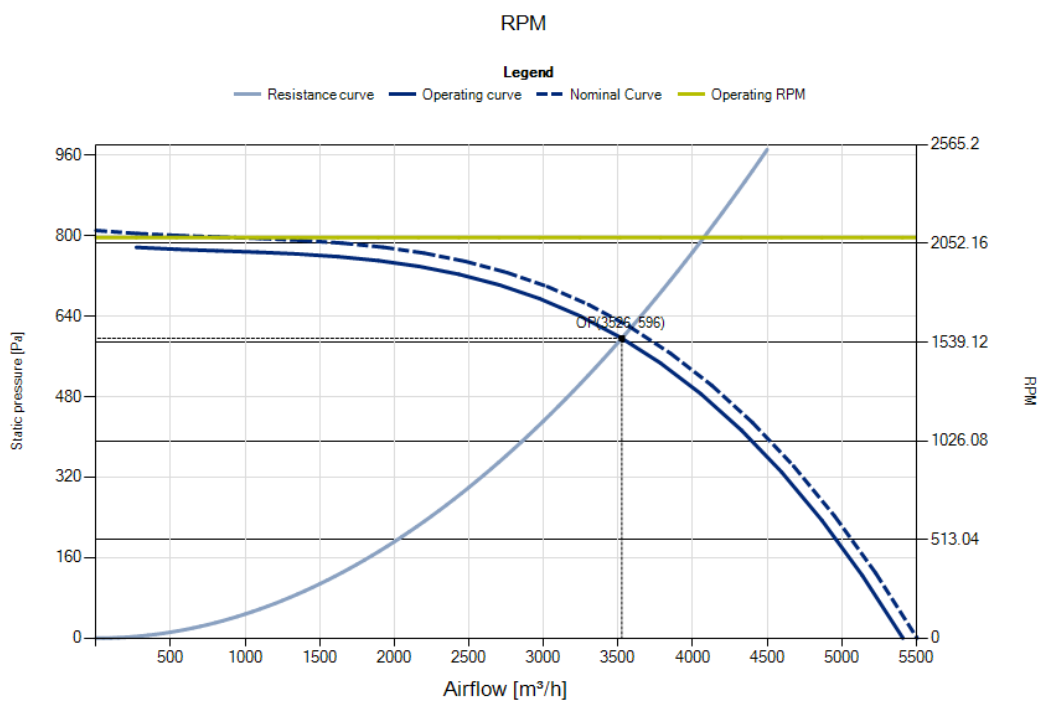
Ordering code: 0314-4-0086

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	3526	Phase [~]	3	Overall efficiency [%]	66.5
Static pressure [Pa]	596	Voltage [V]	400 / 400	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	380-480	Efficiency category	static
Total pressure [Pa]	667	Frequency [Hz]	50 / 60	Efficiency grade N	77.2
Rotation speed [1/min]	2083	Input power [W]	950 / 950	Variable speed drive	INTEGRATED
Input power [W]	978	Input current [A]	1.60 / 1.60	Power input [kW]	0.97
Current [A]	1.62	Nominal speed [rpm]	2130 / 2130	Airflow [m3/h]	3526
Total efficiency [%]	67	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	629
Static efficiency [%]	60	Max. ambient temp. [°C]	40	Rotational Speed [rpm]	2128
Sound power [dB]	88	Protection class	IP54	Specific ratio	1.01
Weighted sound power [dB(A)]	82	Insulation class	130		
Sound pressure [dB]	77	Capacitor [μF/450V]	N / A		
Weighted sound pressure [dB(A)]	71	K. Value	103		
		Connection	N / A		
		Weight [Kg]	16.5		

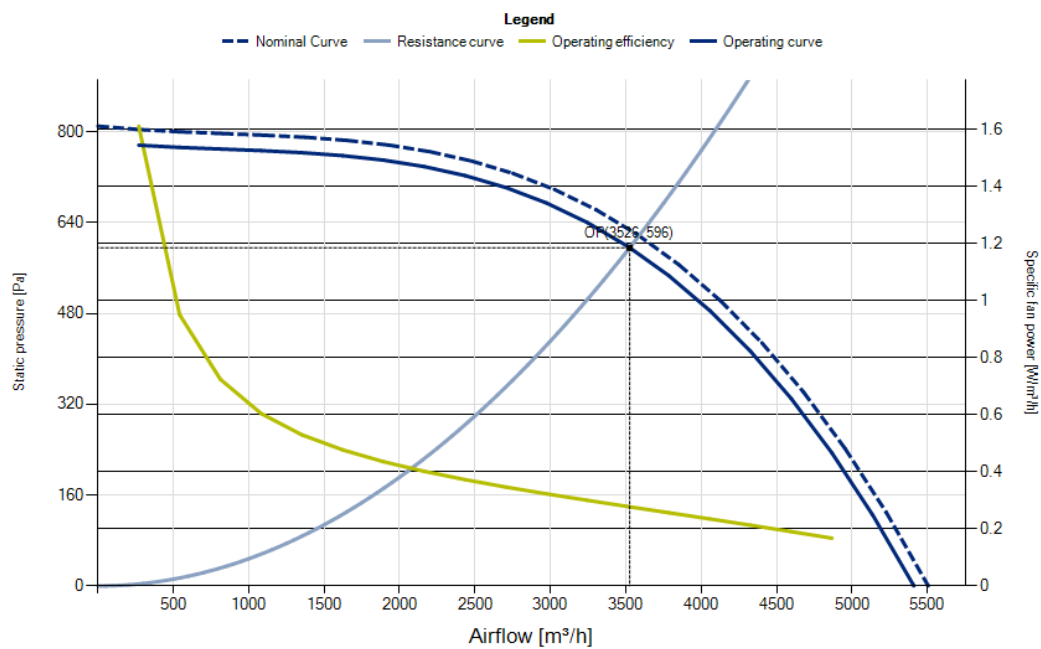
Static pressure



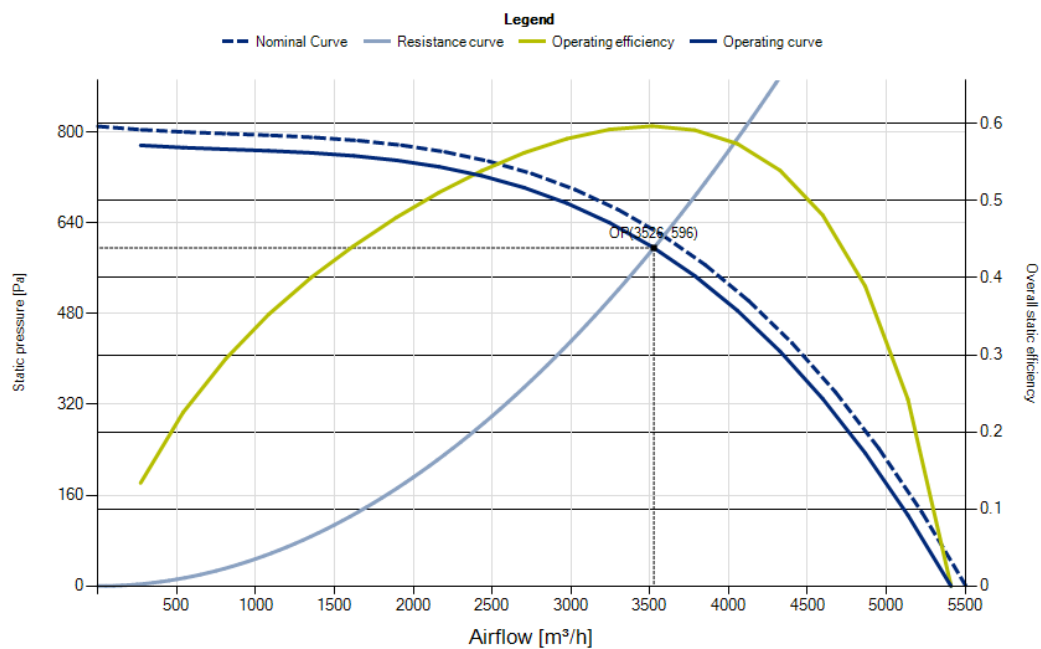




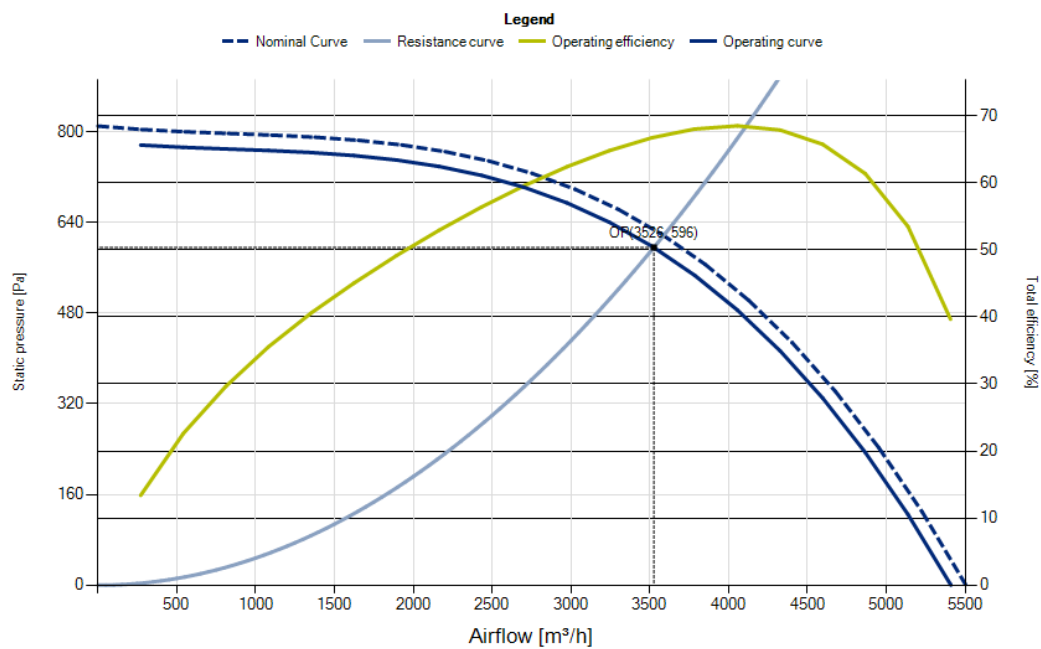
Specific fan power



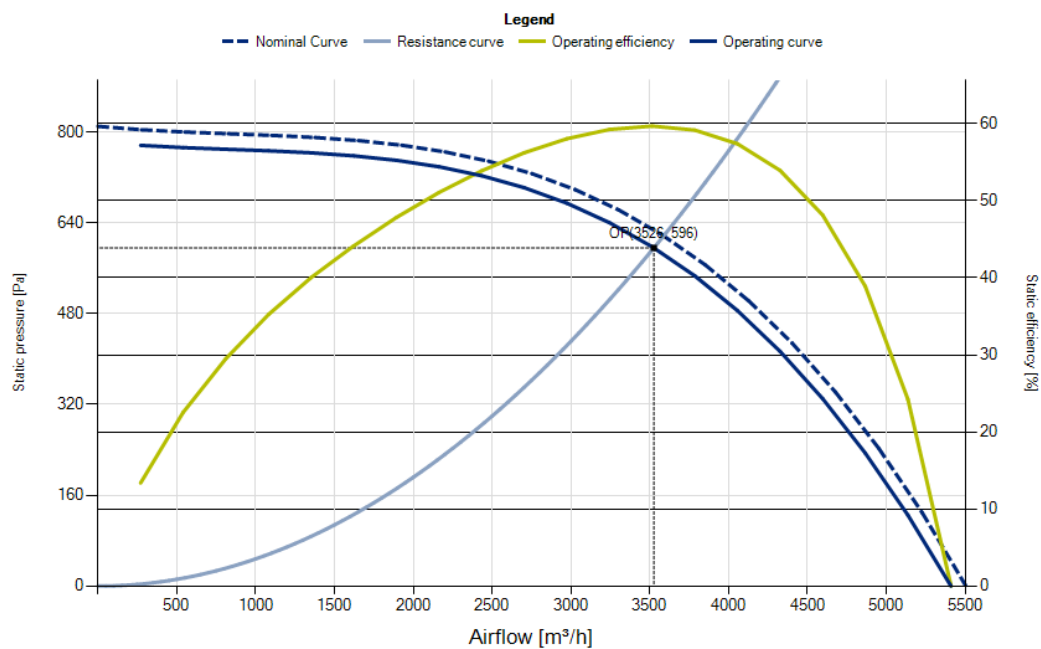
Overall static efficiency



Total efficiency



Static efficiency



Unweighted octave sound power spectrum

