

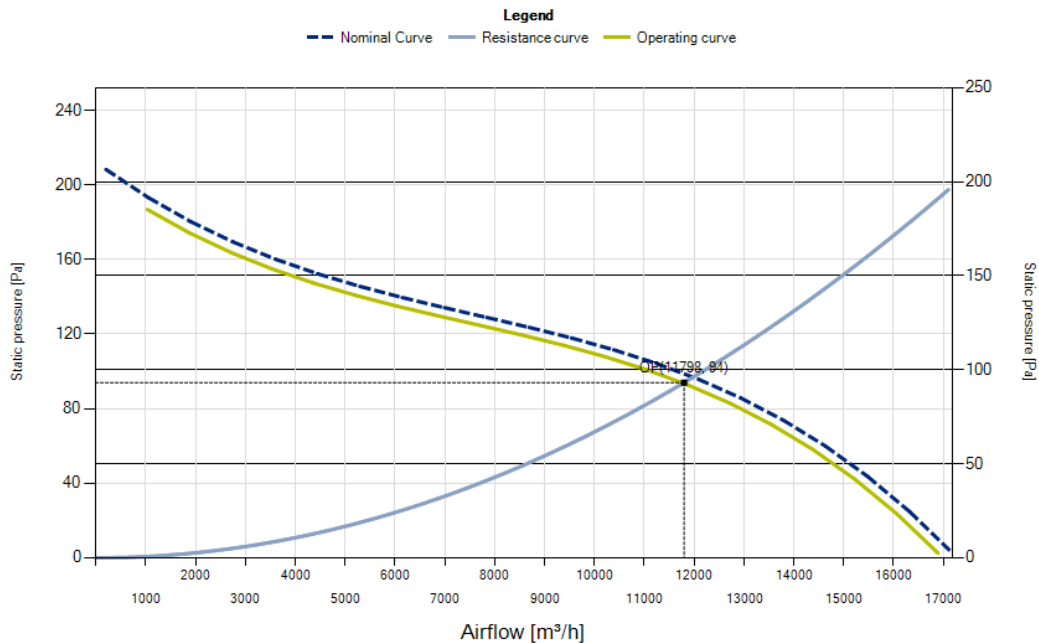
## R14R-80APS-ES80B-14A01

EC Axial Fans with

Ordering code: 0314-4-0063

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	11798	Phase [~]	1	Overall efficiency [%]	49.6
Static pressure [Pa]	94	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	200-277	Efficiency category	static
Total pressure [Pa]	119	Frequency [Hz]	50 / 60	Efficiency grade N	56.9
Rotation speed [1/min]	698	Input power [W]	660 / 660	Variable speed drive	INTEGRATED
Input power [W]	659	Input current [A]	2.8 / 2.8	Power input [kW]	0.71
Current [A]	2.88	Nominal speed [rpm]	710 / 710	Airflow [m3/h]	11798
Total efficiency [%]	59	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	100
Static efficiency [%]	47	Max. ambient temp. [°C]	50	Rotational Speed [rpm]	716
Sound power Outlet [dB]	80	Protection class	IP54	Specific ratio	1.00
Weighted sound power Outlet [dB(A)]	74	Insulation class	130		
Sound power inlet [dB]	0	Capacitor [µF/450V]	0.00		
Weighted sound power inlet [dB(A)]	0	K. Value	0		
Sound pressure [dB]	63	Connection	0 / 0		
Weighted sound pressure [dB(A)]	63	Weight [Kg]	17.2		

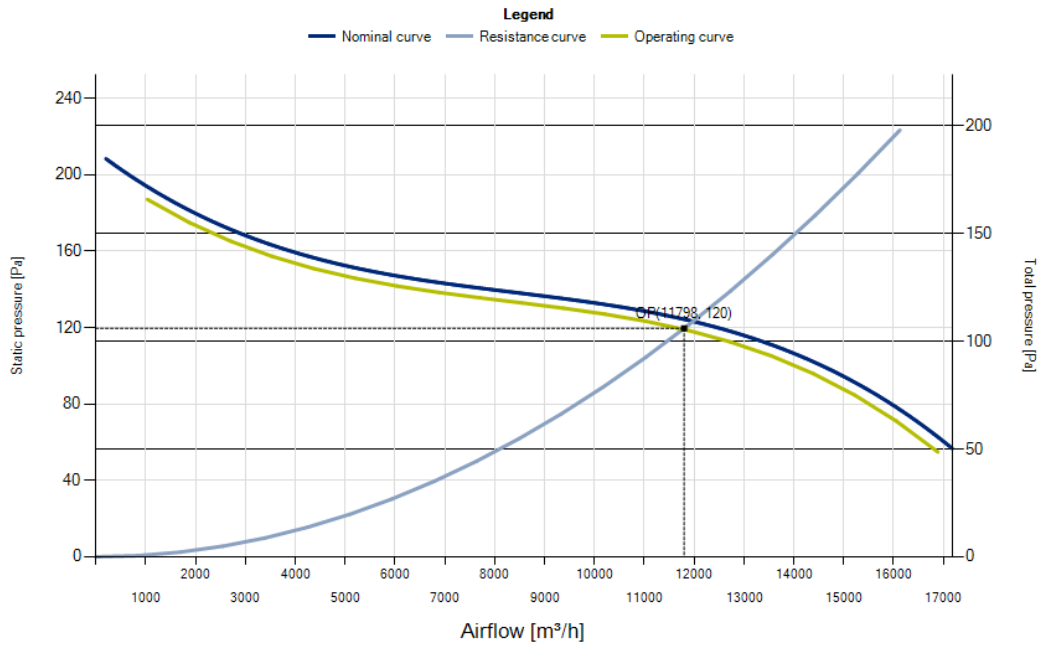
Static pressure



Measured according to ISO 5801, installation type A. Measured in full bell mouth without guard grill.

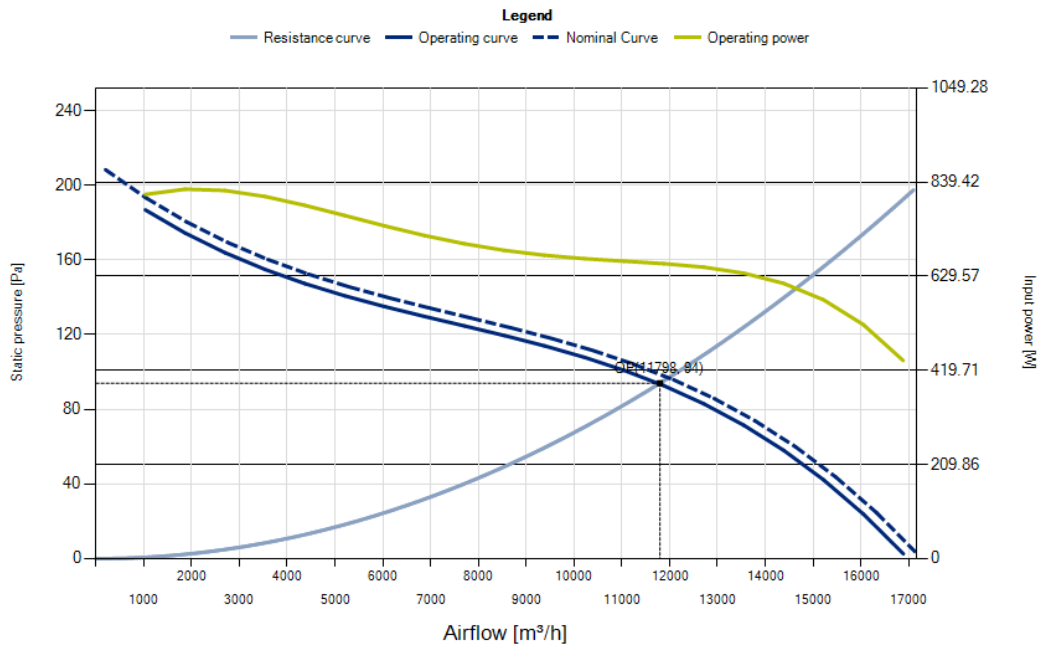


### Total pressure



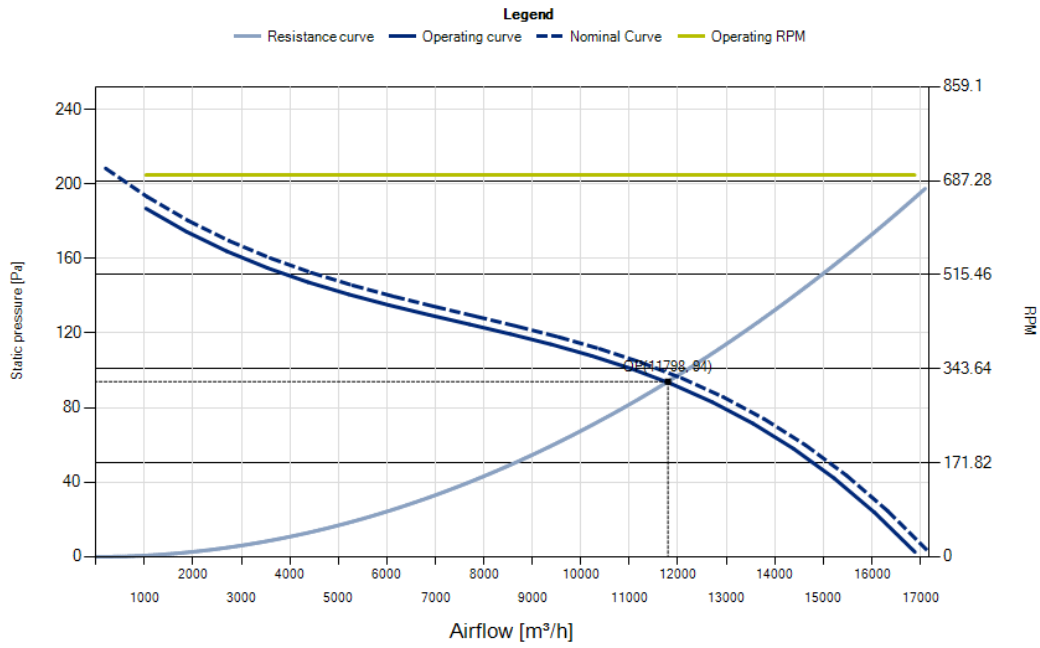
Measured according to ISO 5801, installation type A. Measured in full bell mouth without guard grill.

### Input power

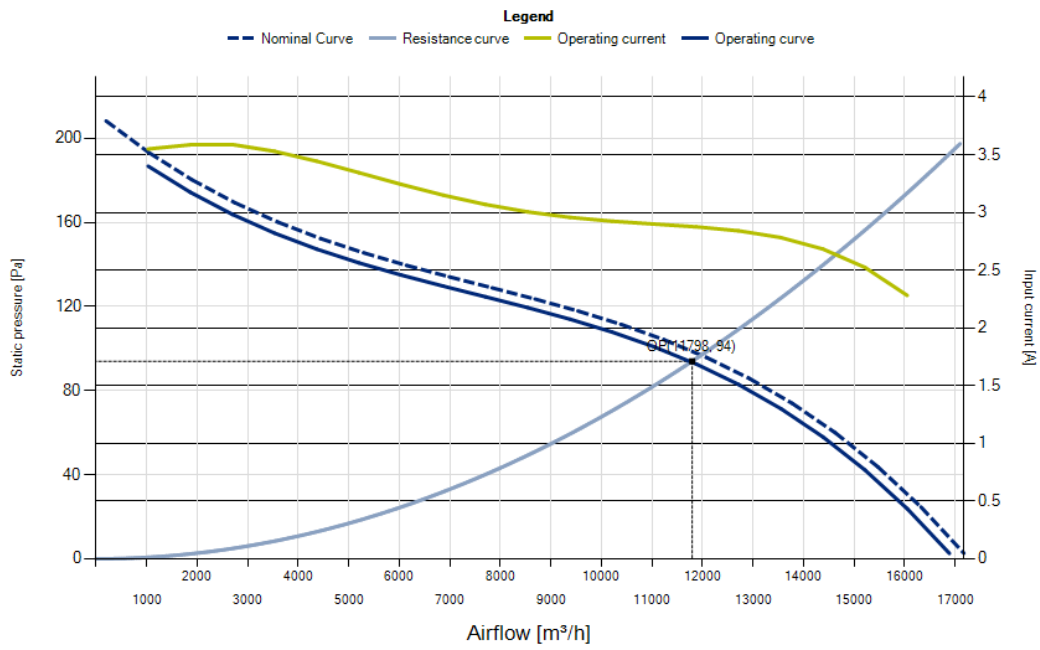




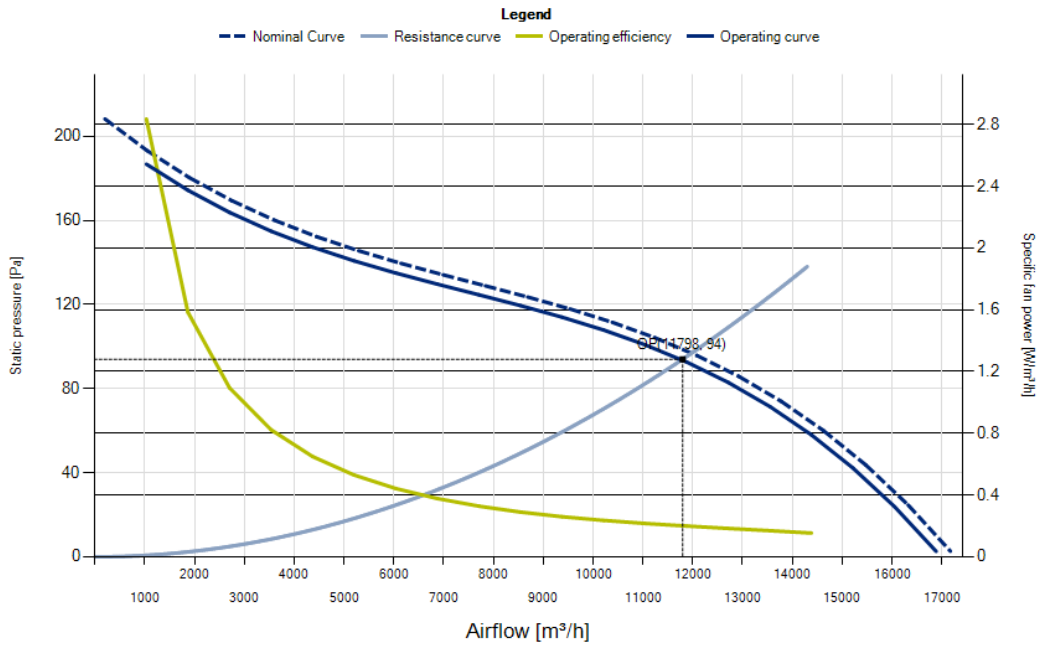
### RPM



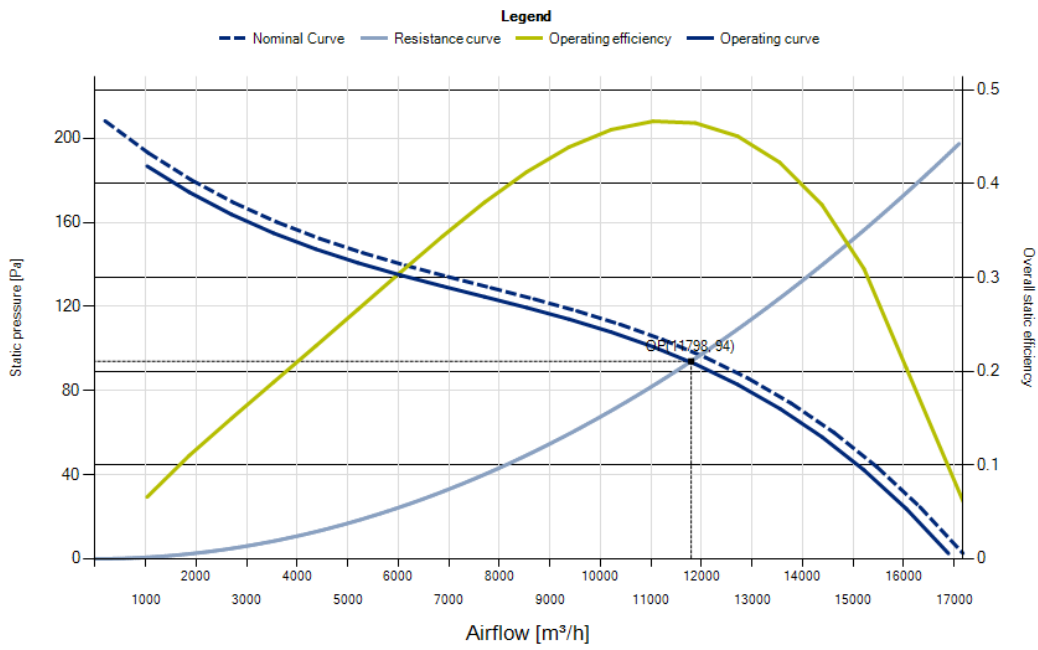
### Input current



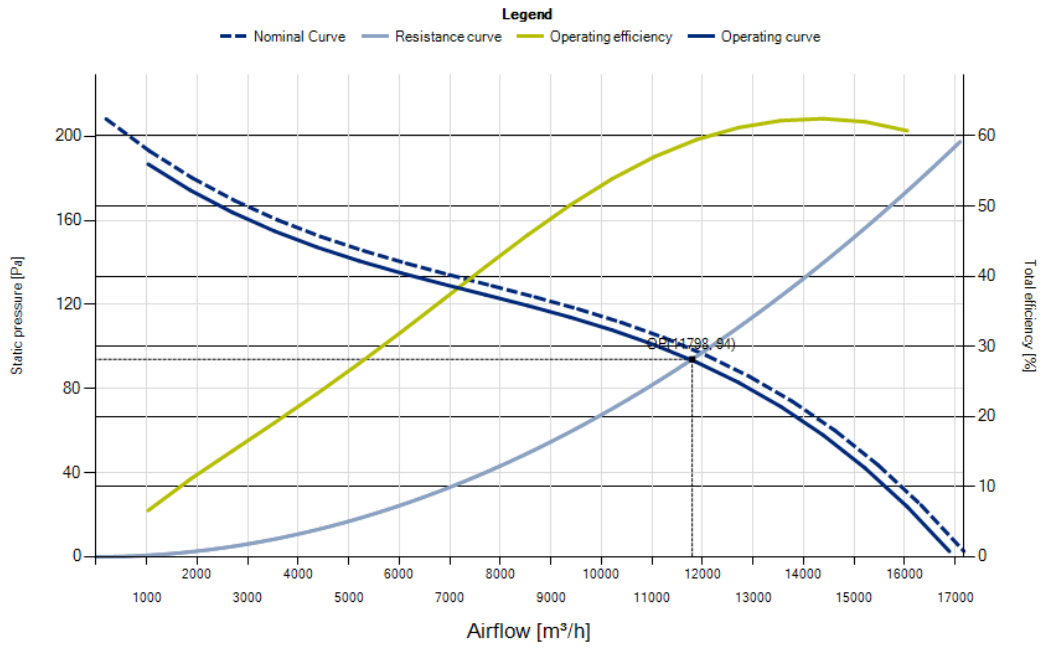
### Specific fan power



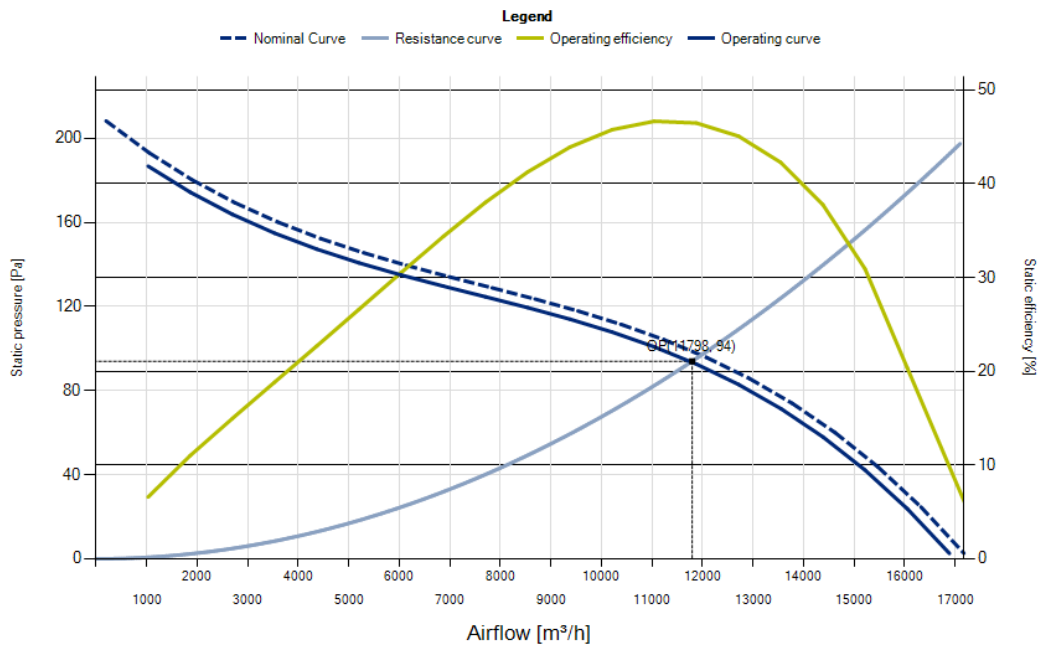
### Overall static efficiency



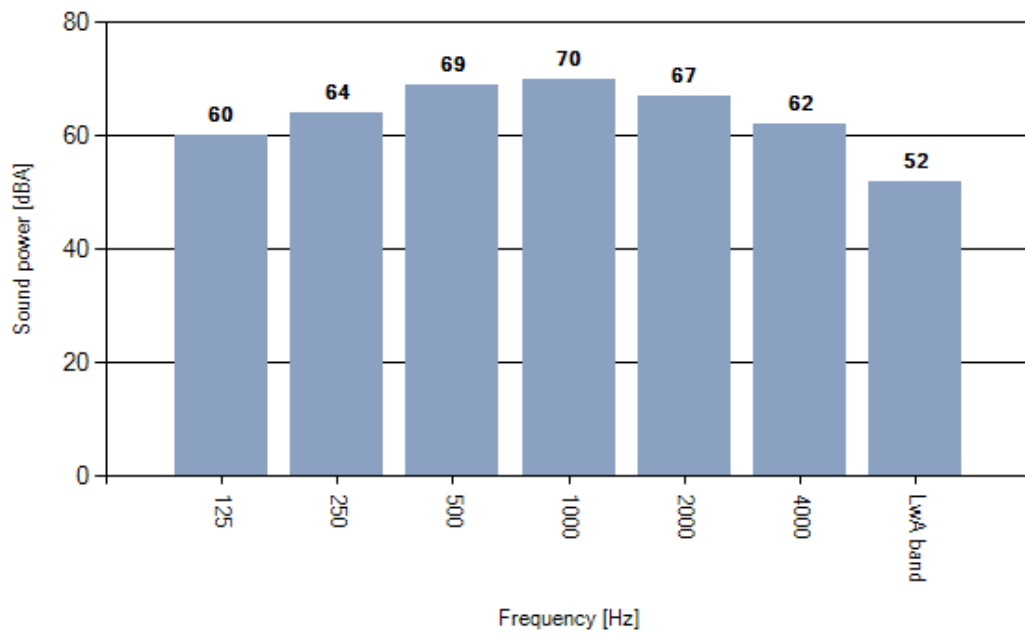
### Total efficiency



### Static efficiency



### Weighted octave sound power spectrum Outlet



Measured according to ISO 3744 and ISO 13347, installation type A. Measured in full bell mouth without guard grill. The value given may vary according to actual installation of the unit.