

#1 DATA SHEET

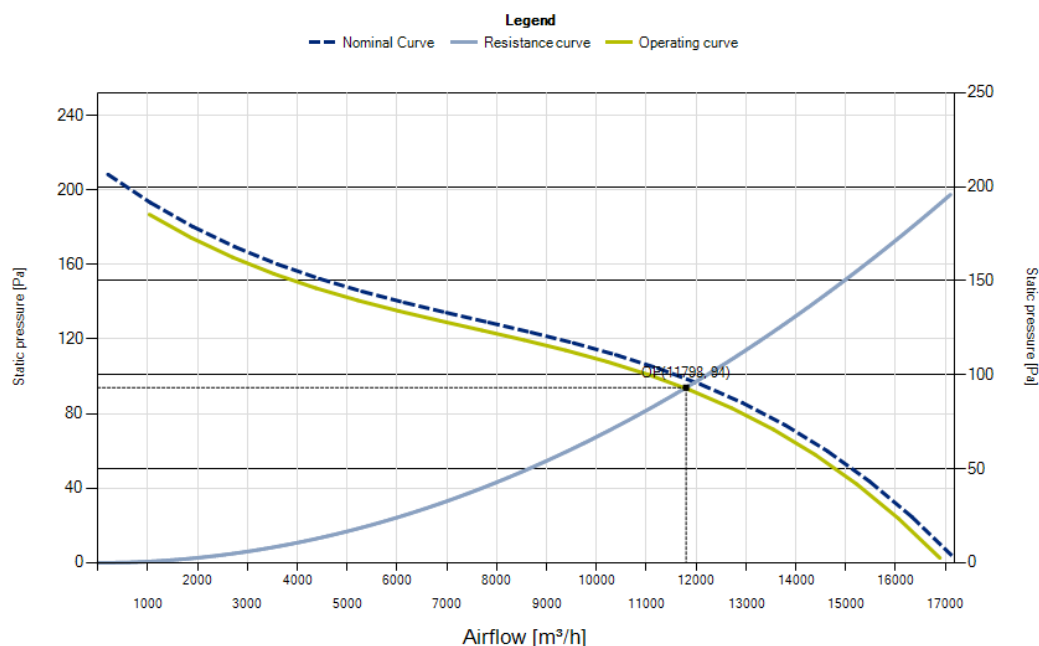
R14R-80APS-ES80B-14A01

EC Axial Fans with guard grill for long inlet

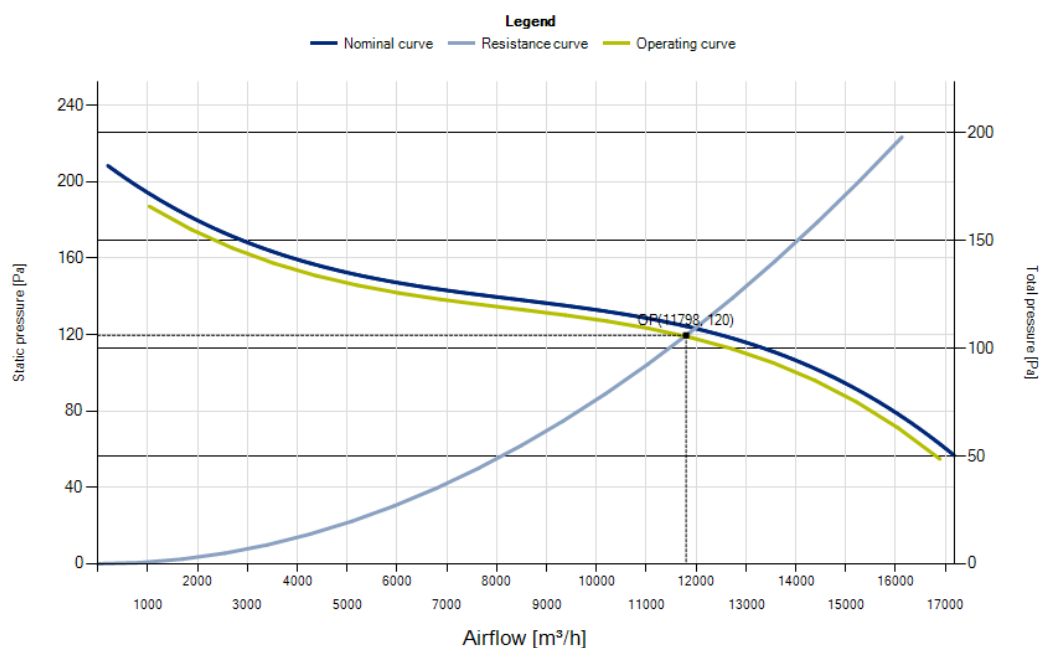
Ordering code: 0314-4-0063

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 [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]	17.2		

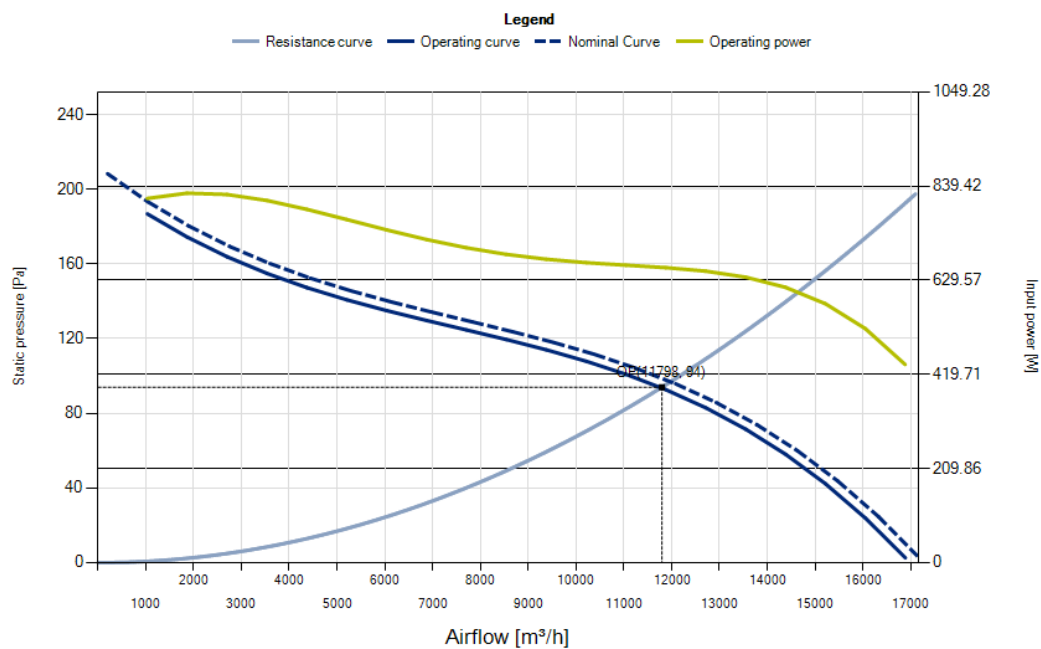
Static pressure

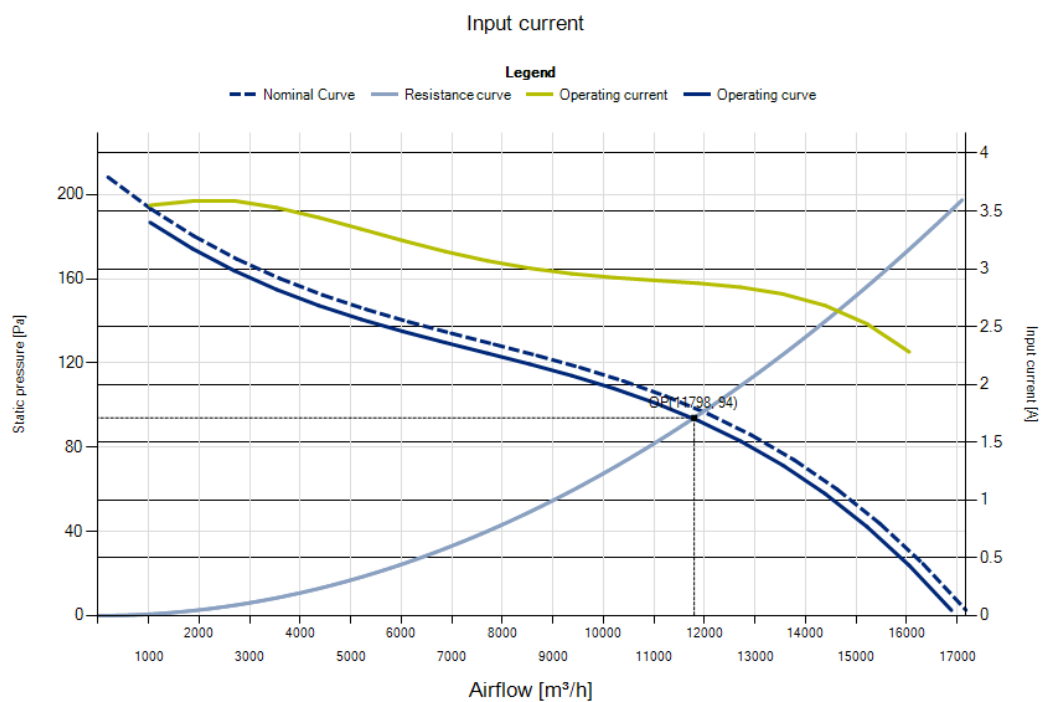
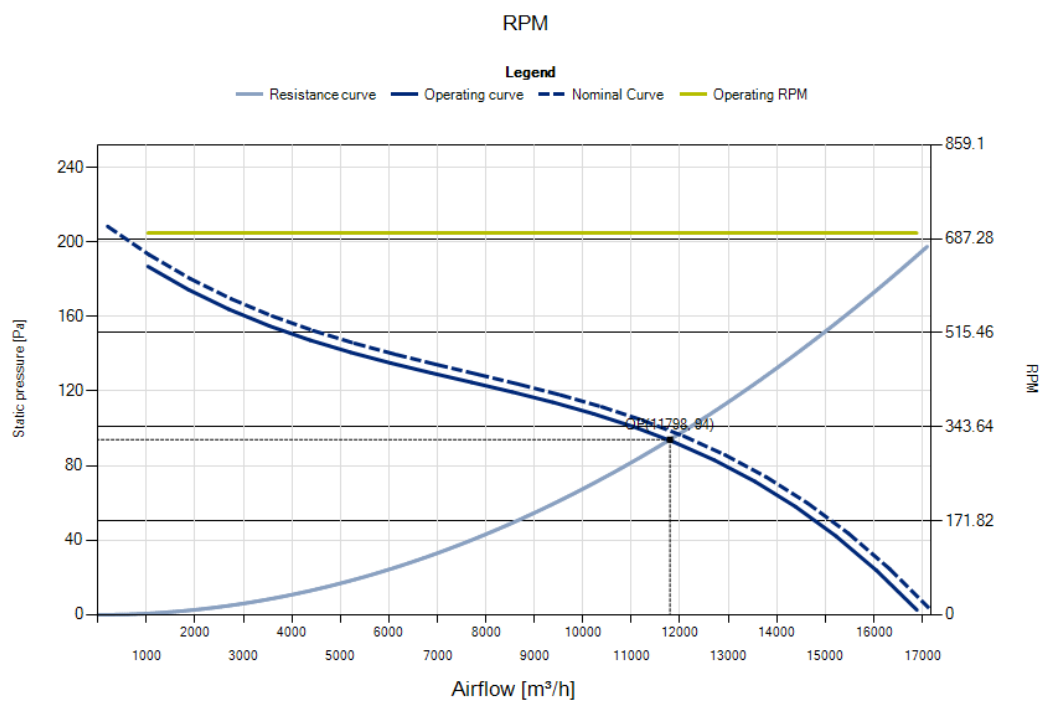


Total pressure

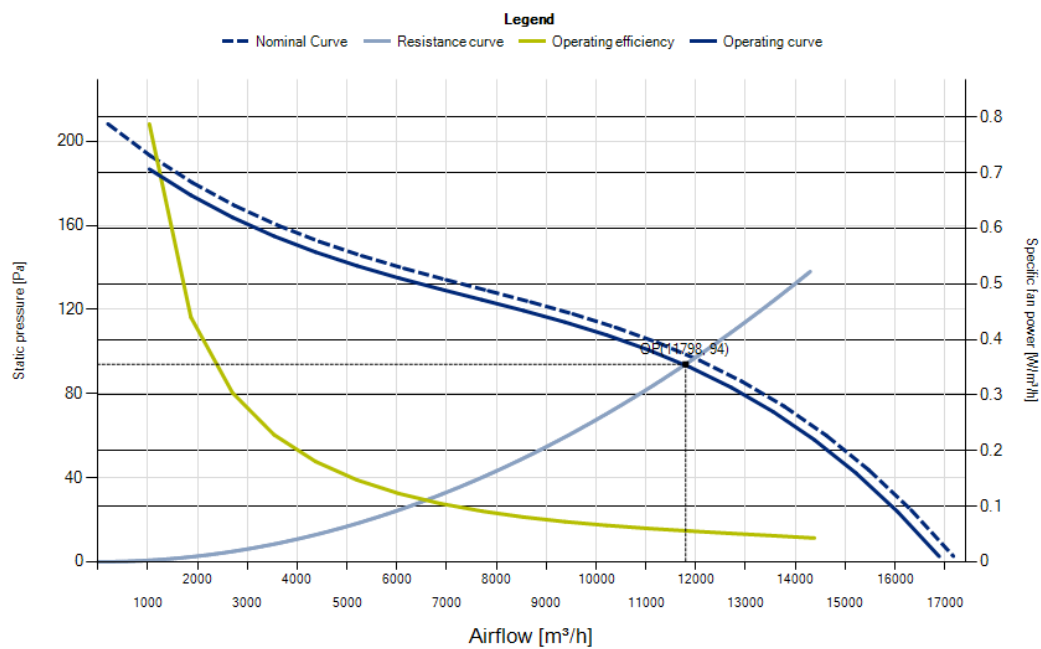


Input power

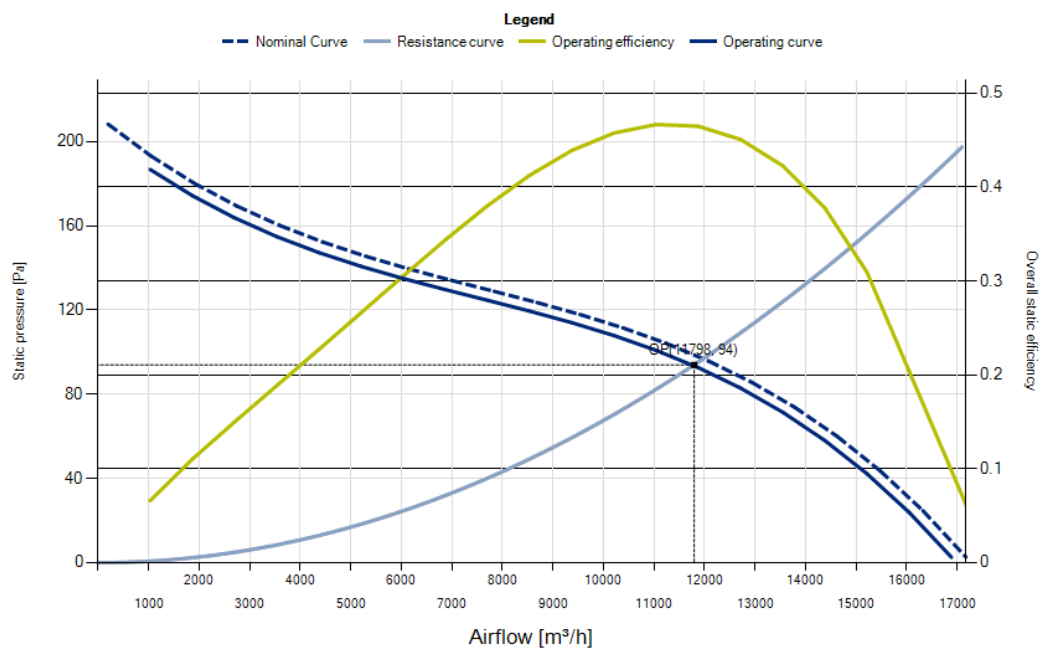




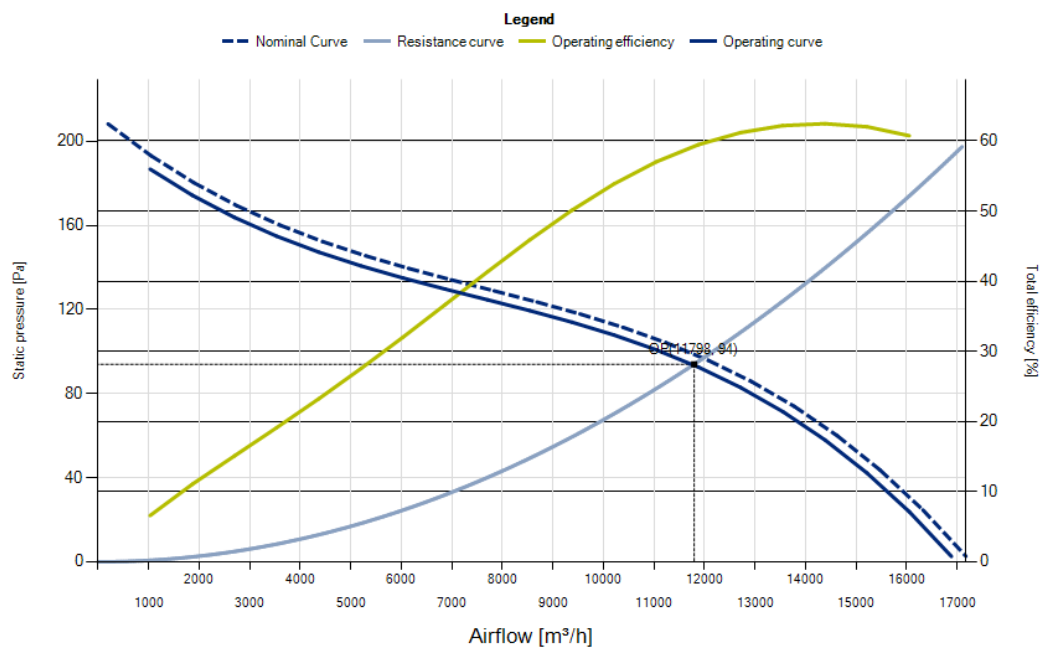
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

