

#1 DATA SHEET

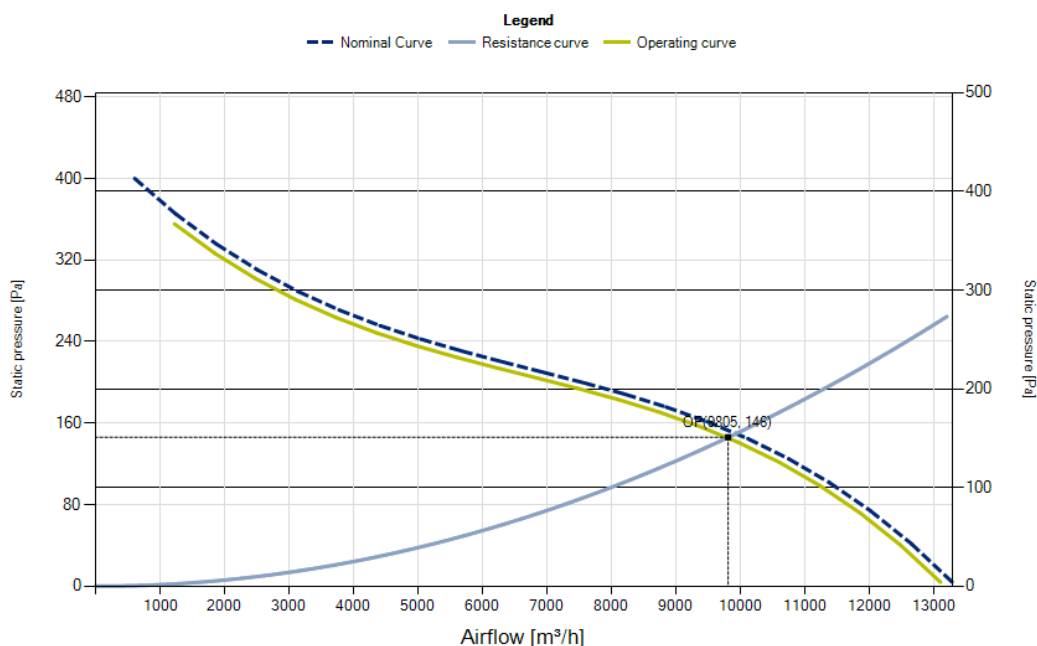
R14R-63APB-ET80B-14B17

EC Axial Fans with guard grill for short inlet

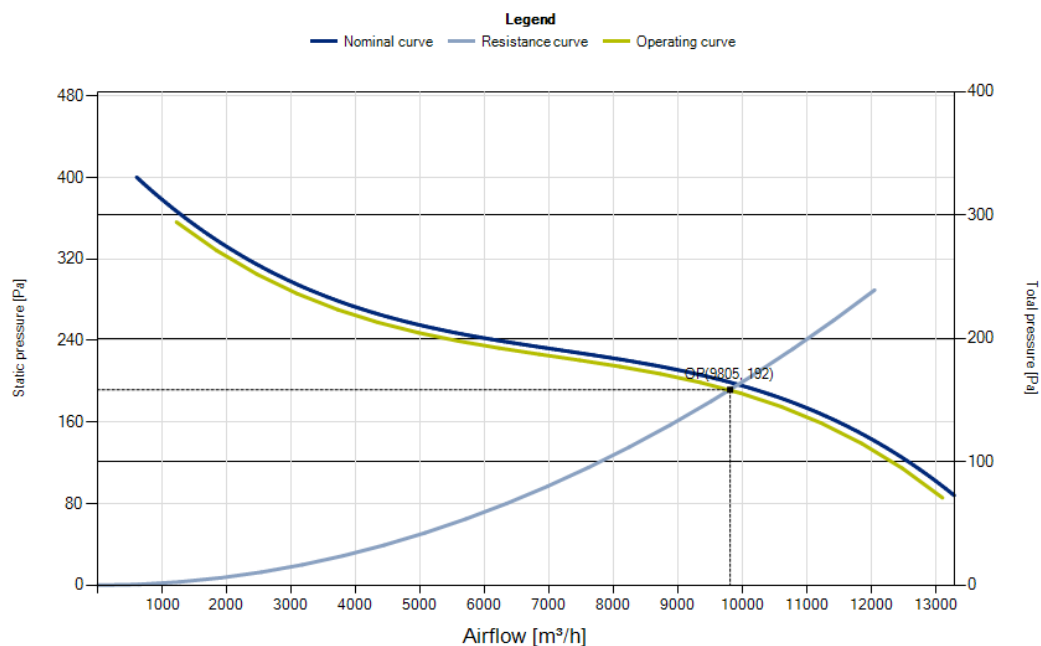
Ordering code: 0314-4-0053

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	9805	Phase [~]	3	Overall efficiency [%]	49.2
Static pressure [Pa]	146	Voltage [V]	400 / 400	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	380-480	Efficiency category	static
Total pressure [Pa]	191	Frequency [Hz]	50 / 60	Efficiency grade N	55.7
Rotation speed [1/min]	1095	Input power [W]	900 / 900	Variable speed drive	integrated
Input power [W]	879	Input current [A]	1.57 / 1.57	Power input [kW]	0.92
Current [A]	1.54	Nominal speed [rpm]	1100 / 1100	Airflow [m3/h]	9805
Total efficiency [%]	59	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	160
Static efficiency [%]	45	Max. ambient temp. [°C]	60	Rotational Speed [rpm]	1112
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]	24.4		

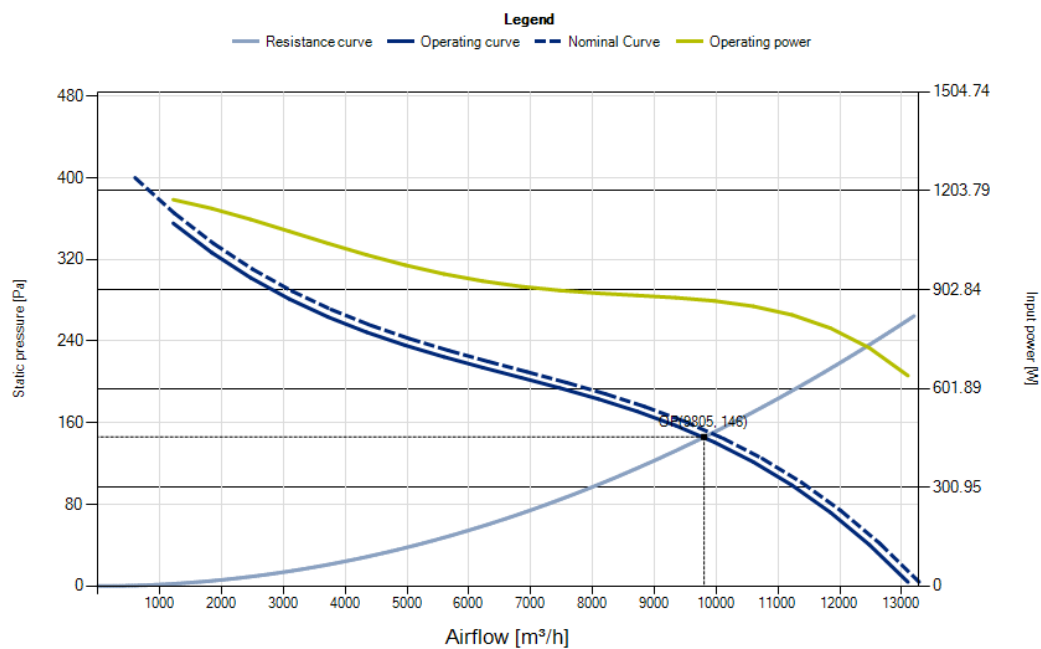
Static pressure

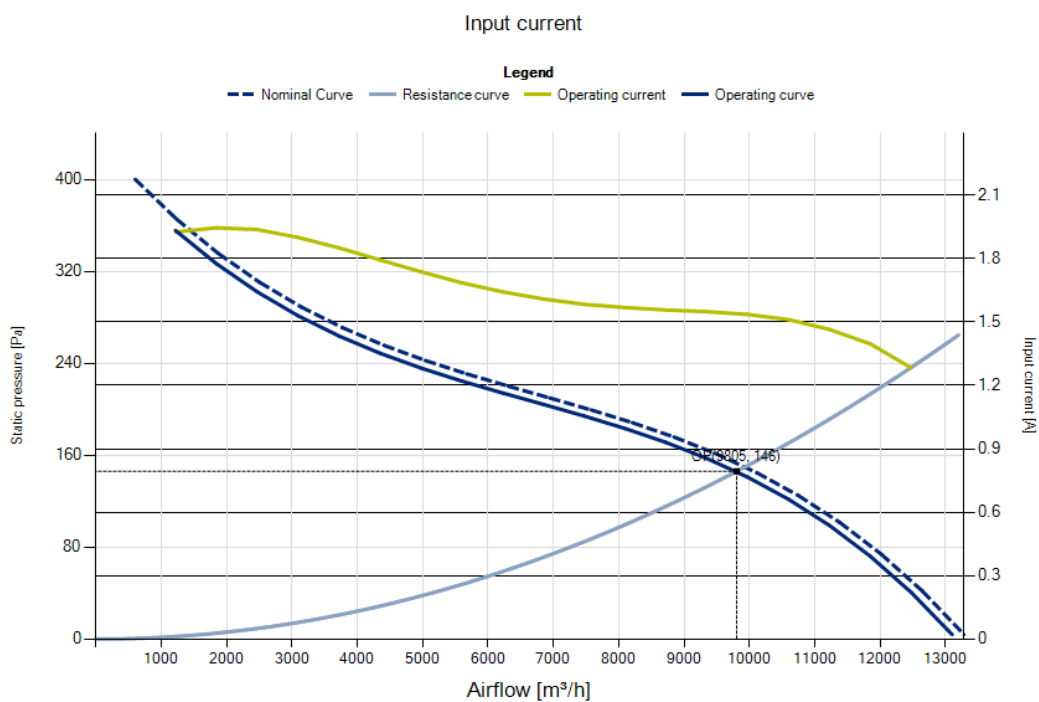
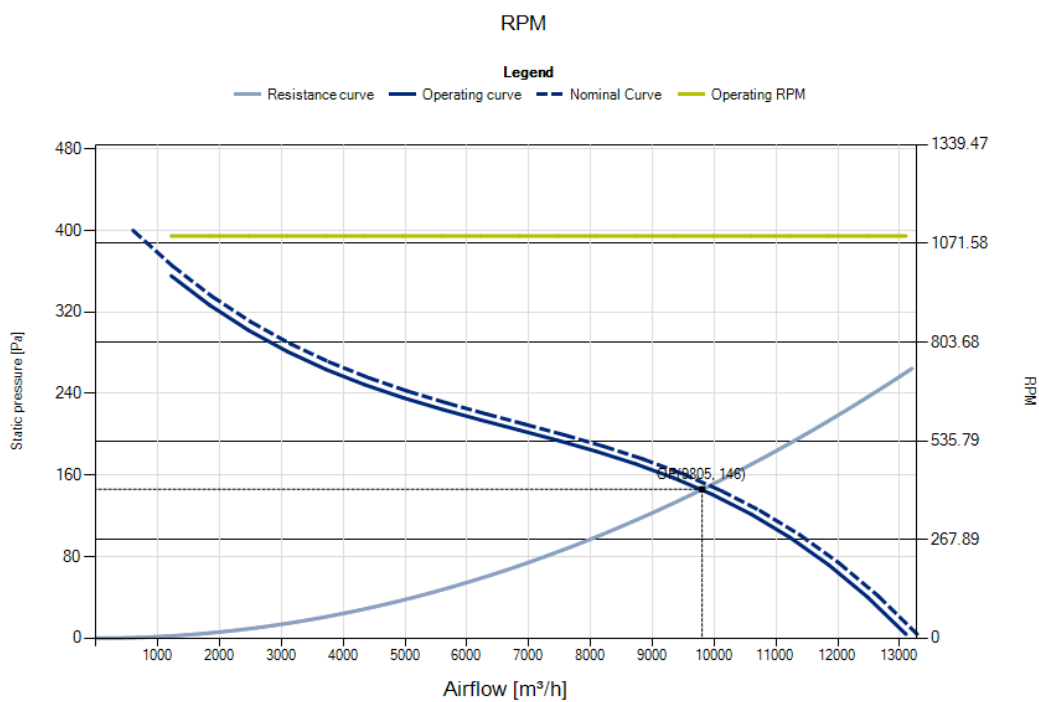


Total pressure

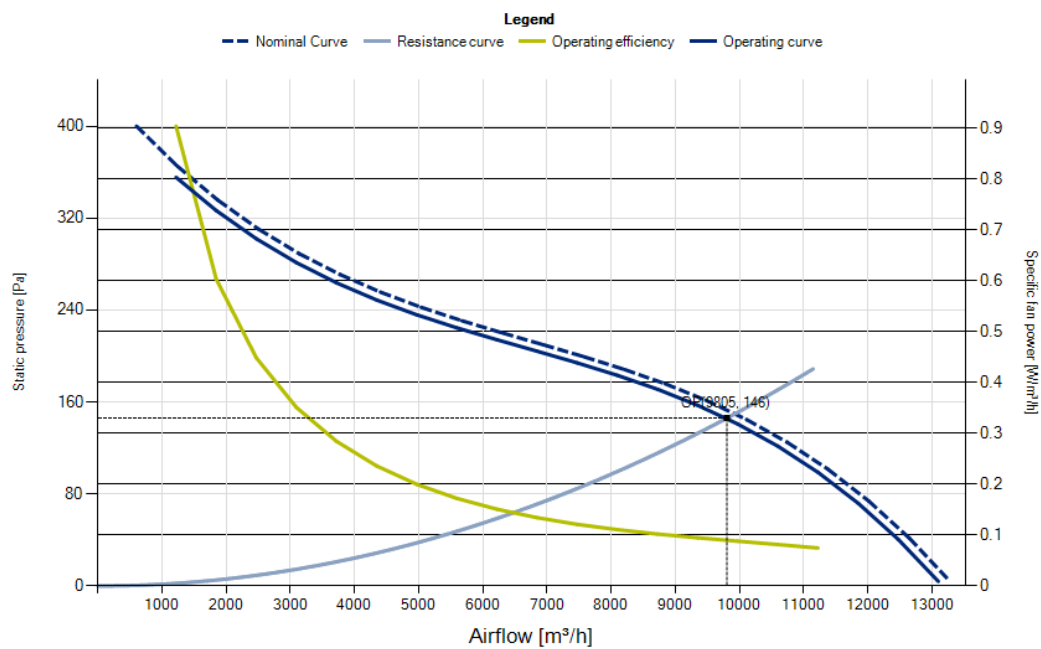


Input power

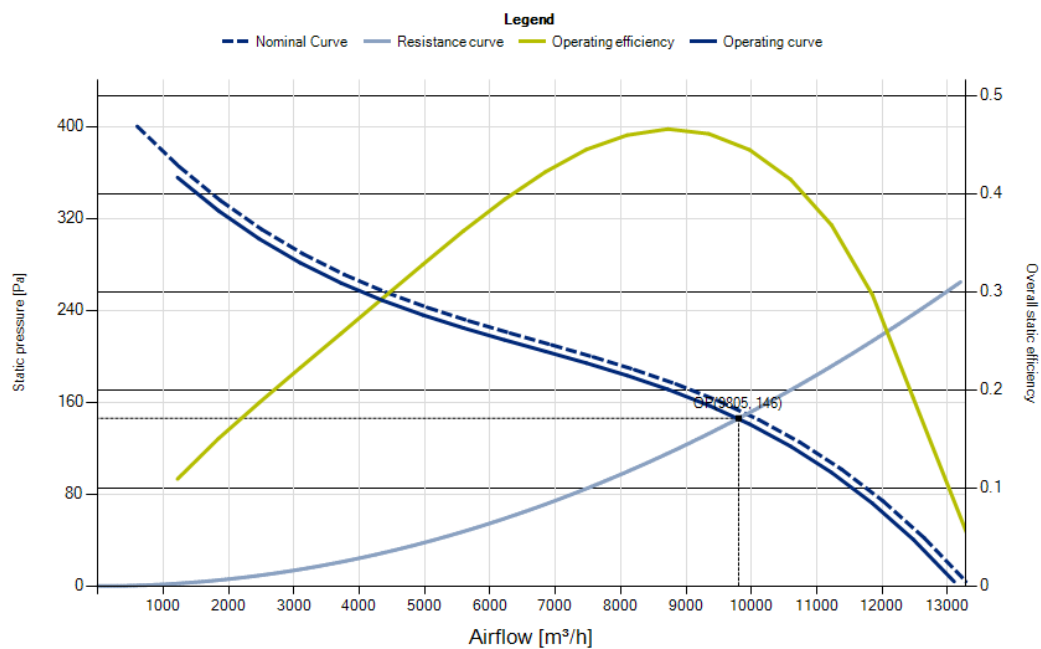




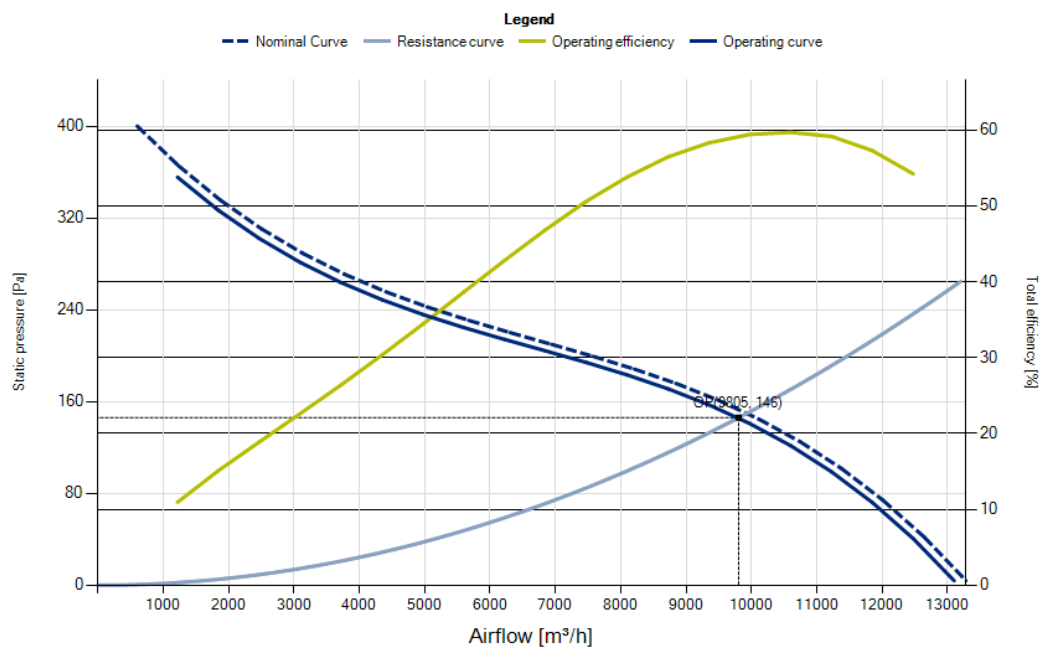
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

