

#1 DATA SHEET

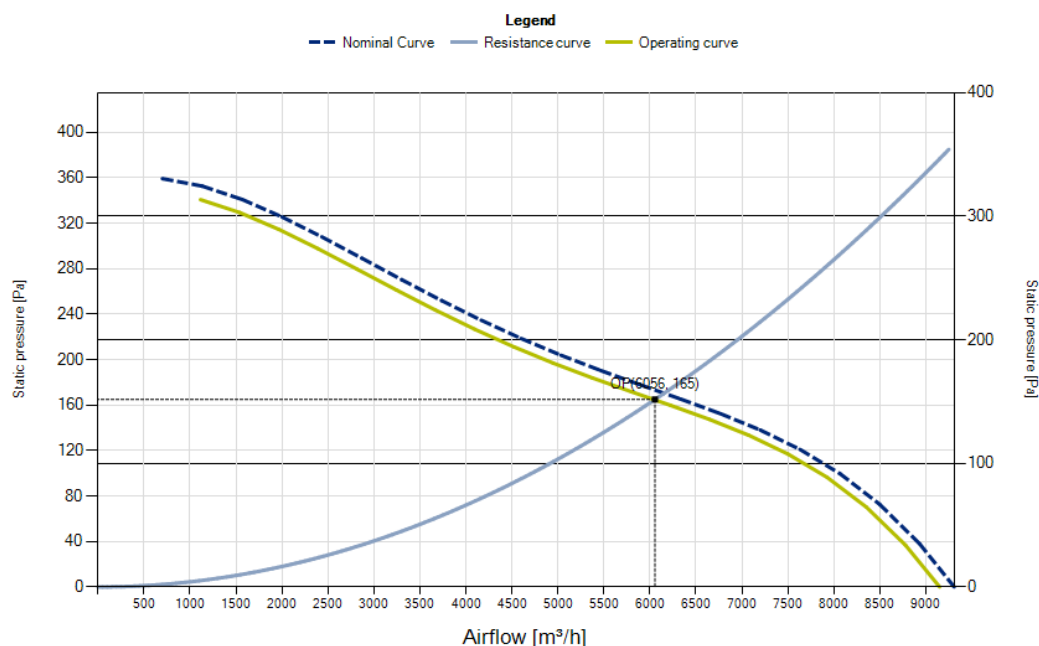
R14R-50APB-ES40B-17A22

EC Axial Fans with guard grill for short inlet

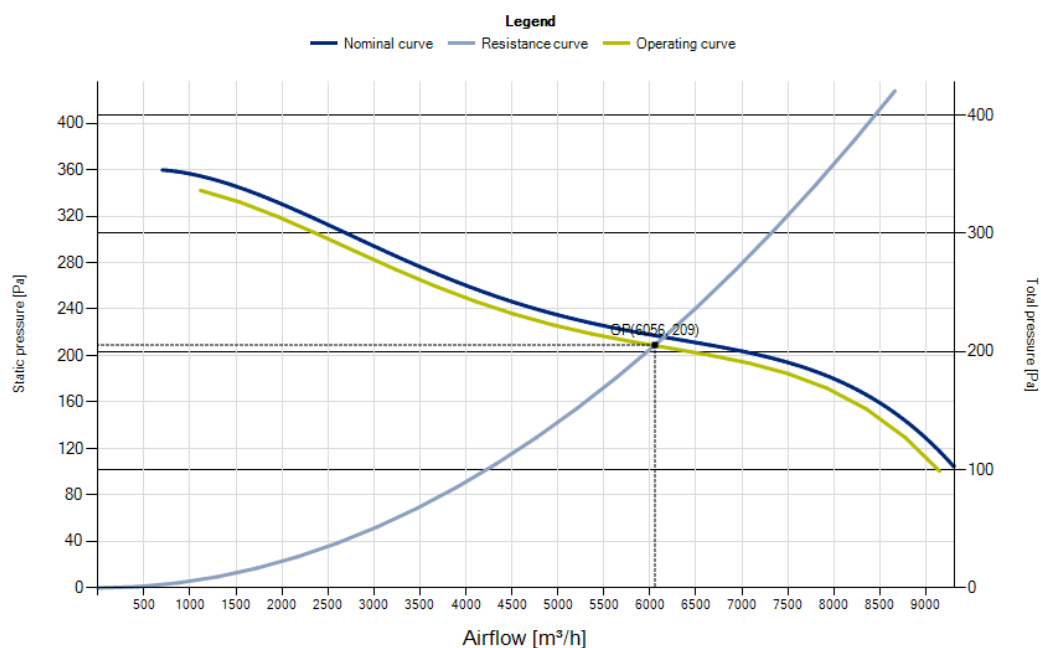
Ordering code: 0314-4-0041

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	6056	Phase [~]	1	Overall efficiency [%]	46.5
Static pressure [Pa]	165	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	200-277	Efficiency category	static
Total pressure [Pa]	209	Frequency [Hz]	50 / 60	Efficiency grade N	53.8
Rotation speed [1/min]	1408	Input power [W]	650 / 650	Variable speed drive	INTEGRATED
Input power [W]	693	Input current [A]	2.90 / 2.90	Power input [kW]	0.71
Current [A]	3.02	Nominal speed [rpm]	1420 / 1420	Airflow [m3/h]	6056
Total efficiency [%]	51	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	188
Static efficiency [%]	40	Max. ambient temp. [°C]	55	Rotational Speed [rpm]	1433
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]	11.0		

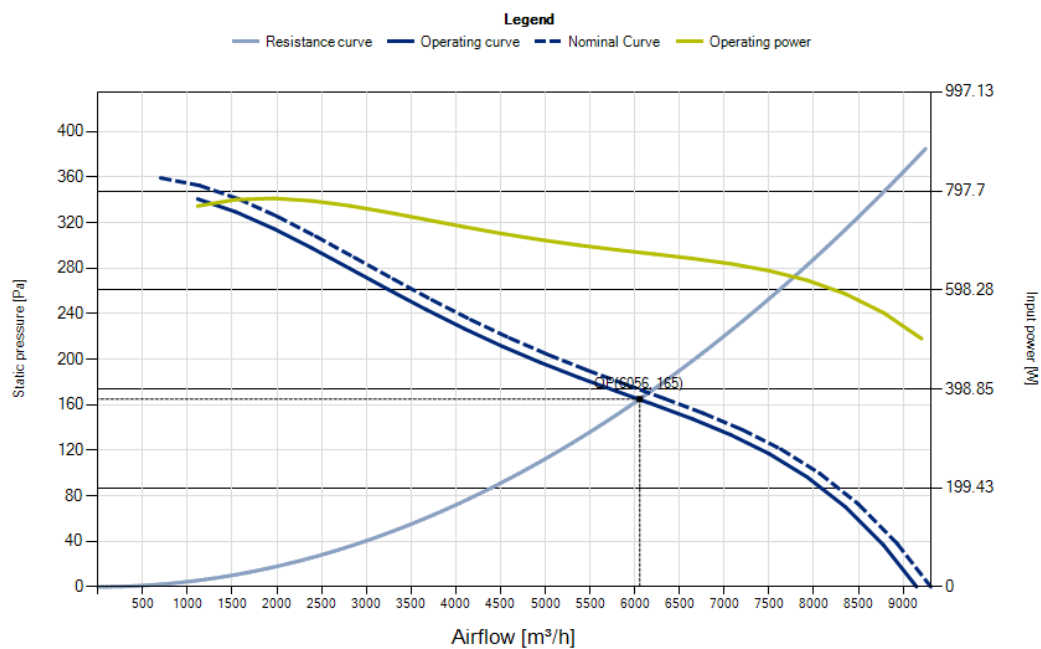
Static pressure

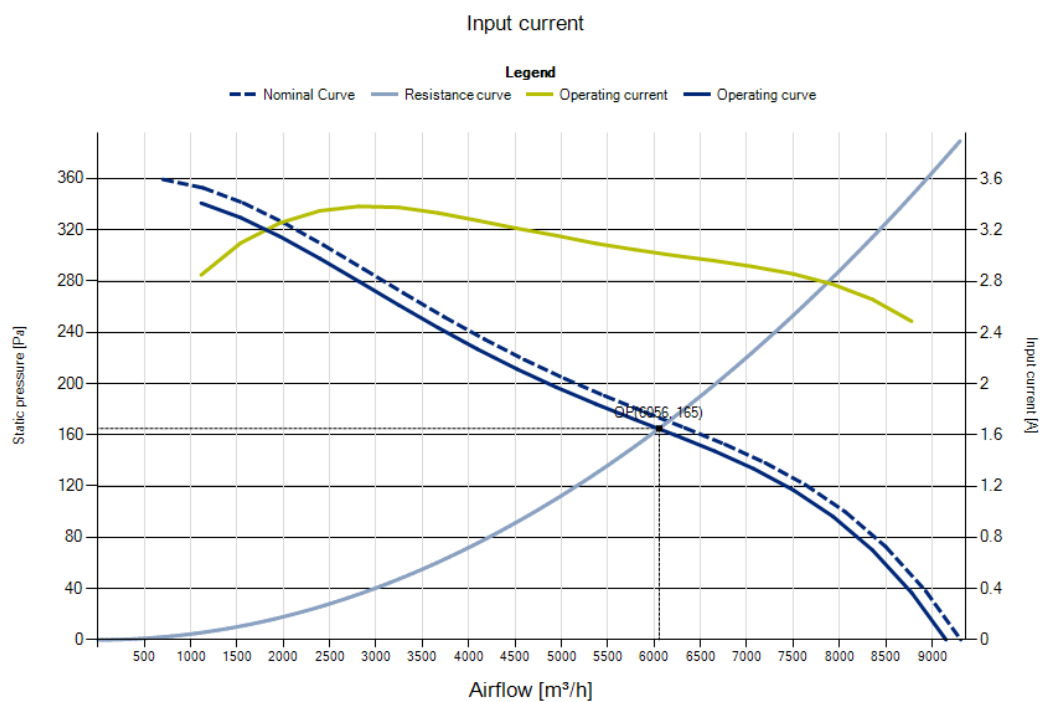
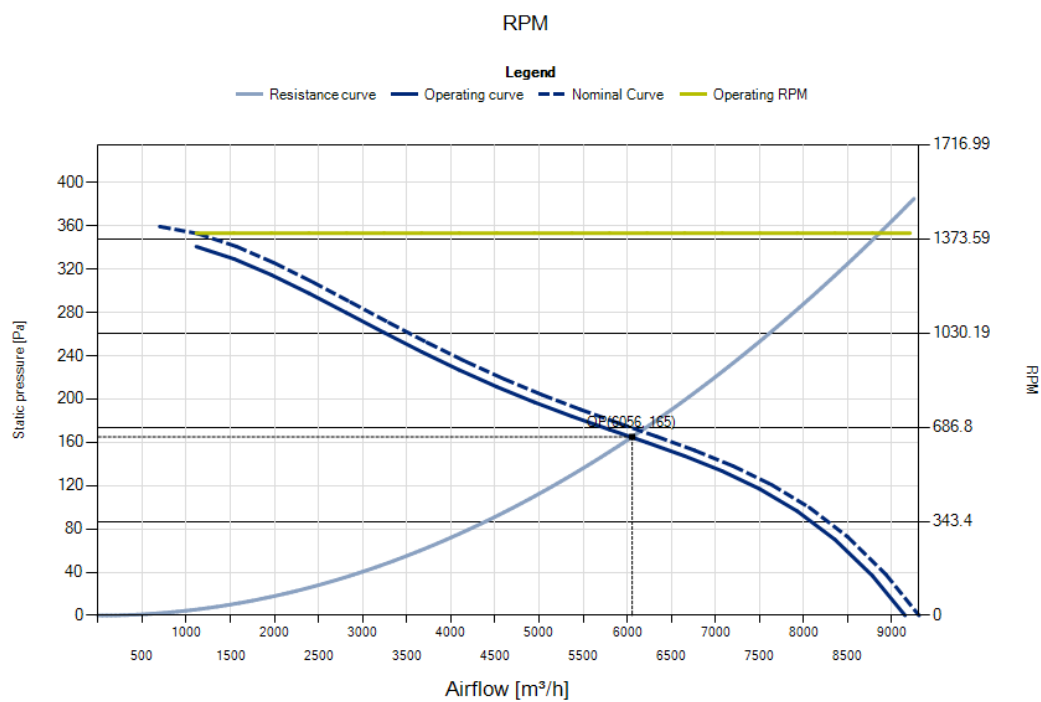


Total pressure



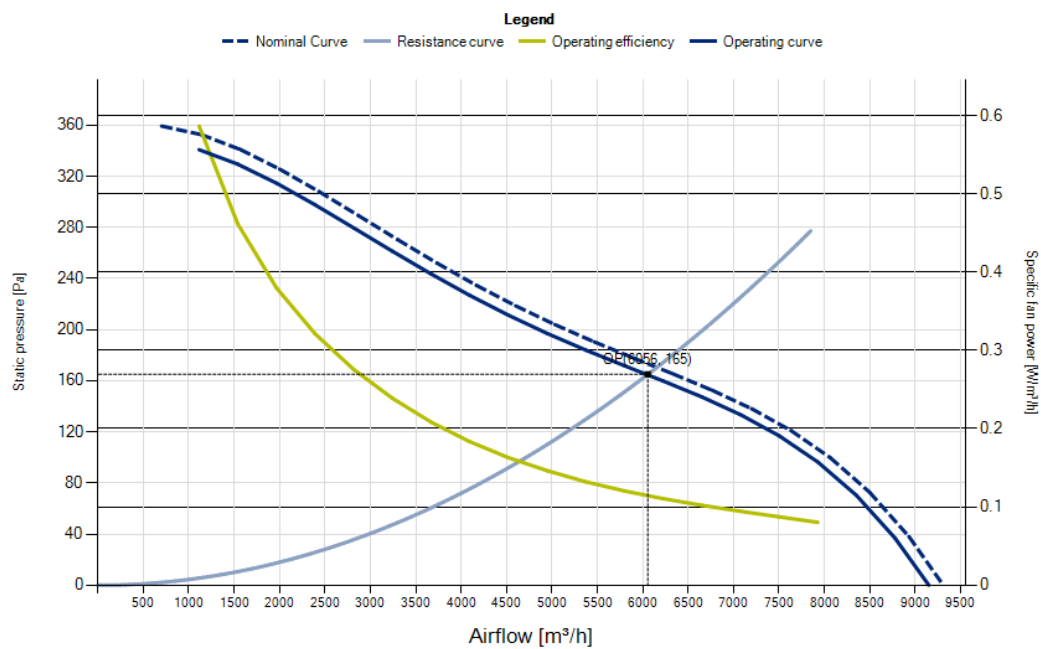
Input power



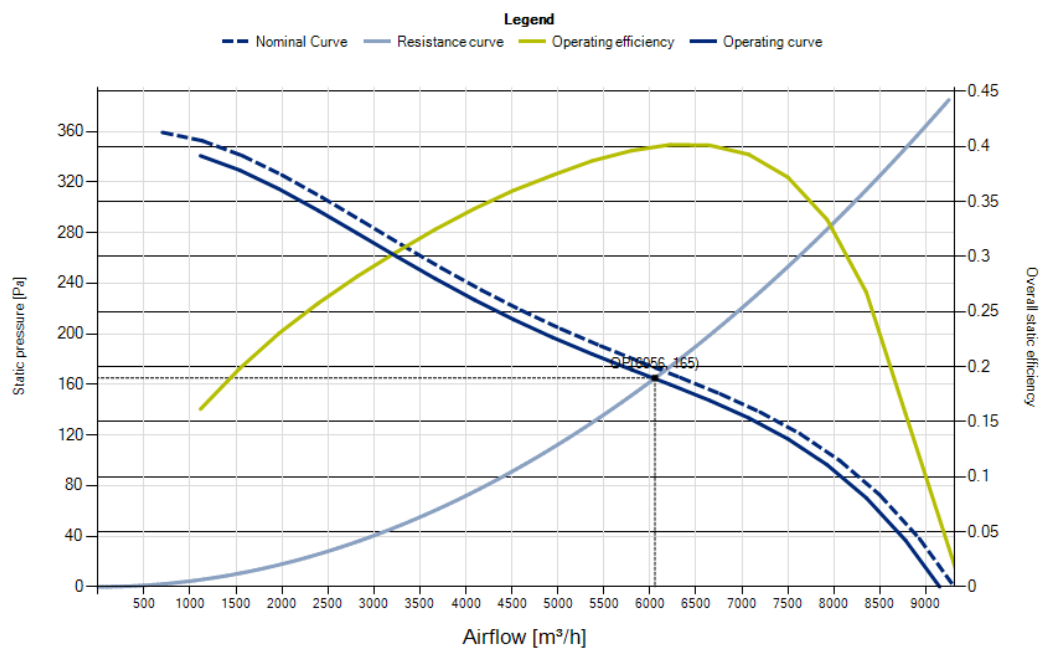


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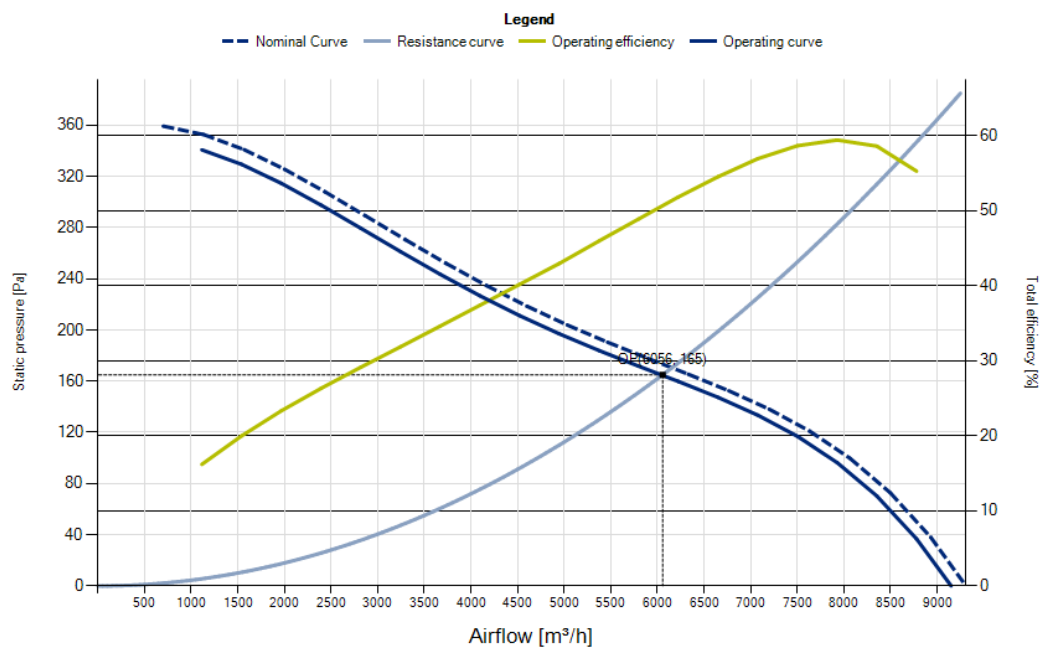
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

