

#1 DATA SHEET

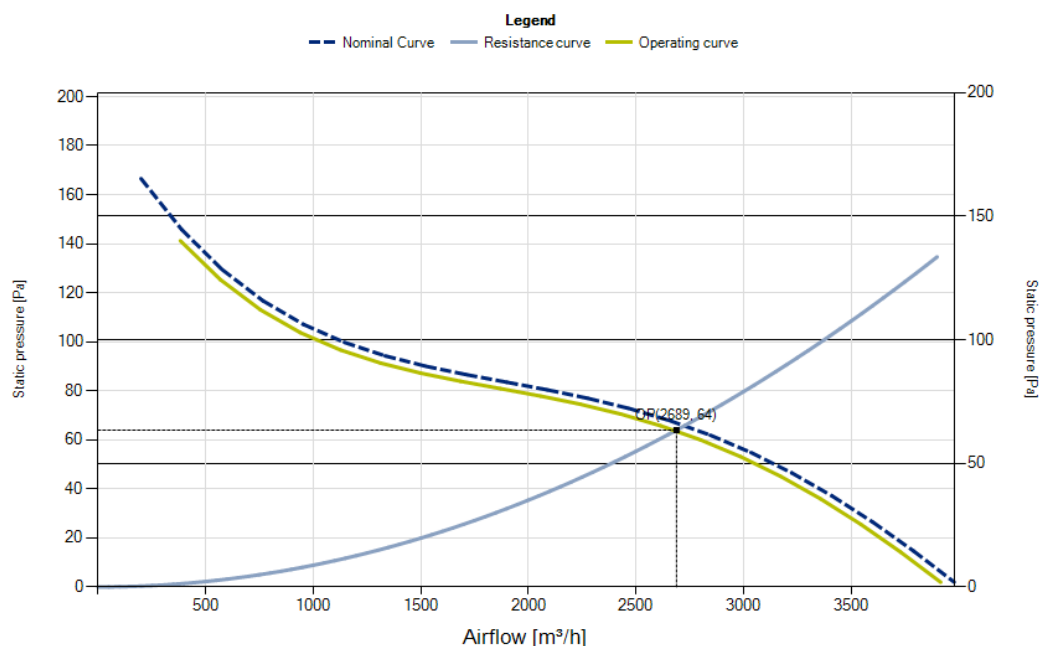
R09R-40APB-ES25C-05B09

EC Axial Fans with guard grill for short inlet

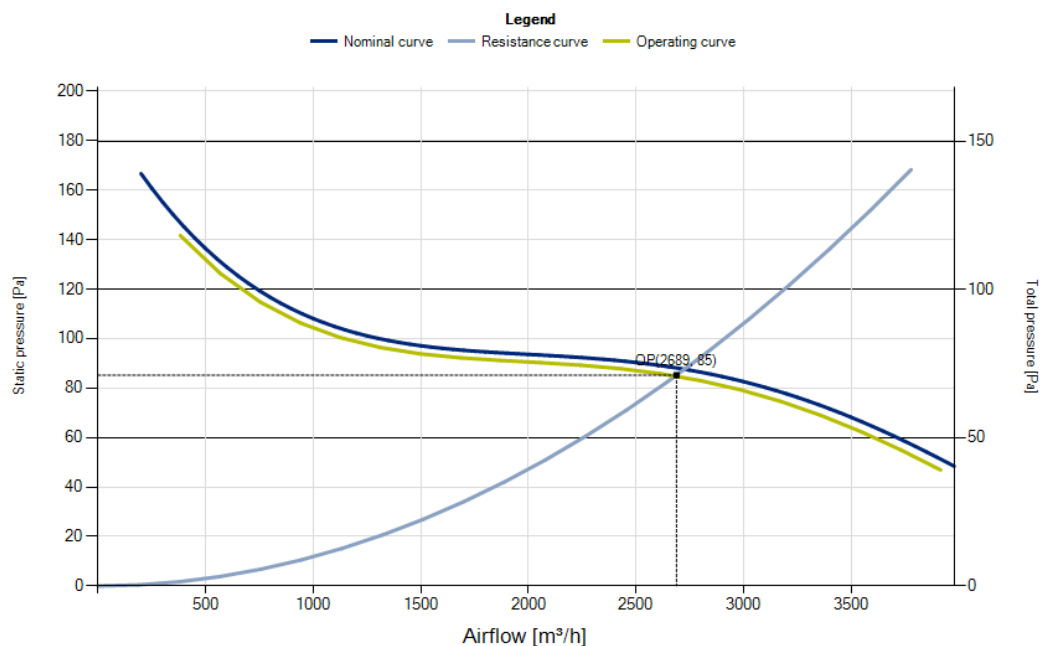
Ordering code: 0309-4-3012

Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	2689	Phase [~]	1	Overall efficiency [%]	42.2
Static pressure [Pa]	64	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	200-253	Efficiency category	static
Total pressure [Pa]	85	Frequency [Hz]	50 / 60	Efficiency grade N	54.0
Rotation speed [1/min]	1063	Input power [W]	135 / 135	Variable speed drive	INTEGRATED
Input power [W]	131	Input current [A]	1.05 / 1.05	Power input [kW]	0.14
Current [A]	1.02	Nominal speed [rpm]	1080 / 1080	Airflow [m3/h]	2689
Total efficiency [%]	48	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	69
Static efficiency [%]	36	Max. ambient temp. [°C]	55	Rotational Speed [rpm]	1091
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]	N / A		
Weighted sound pressure [dB(A)]	0	K. Value	N / A		
		Connection	N / A		
		Weight [Kg]	4.1		

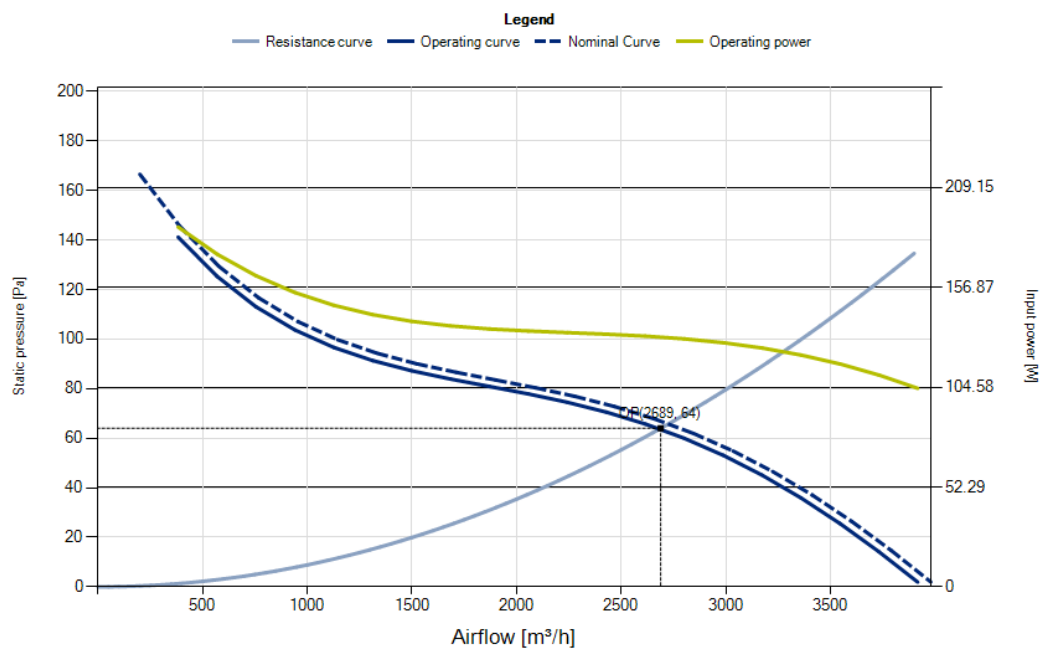
Static pressure

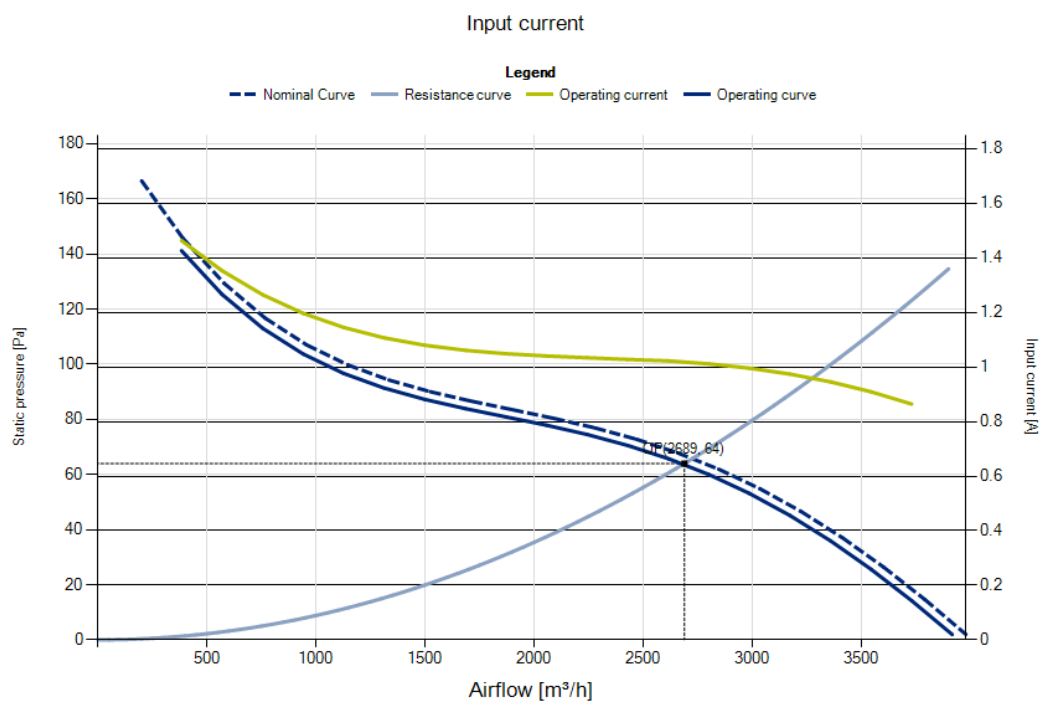
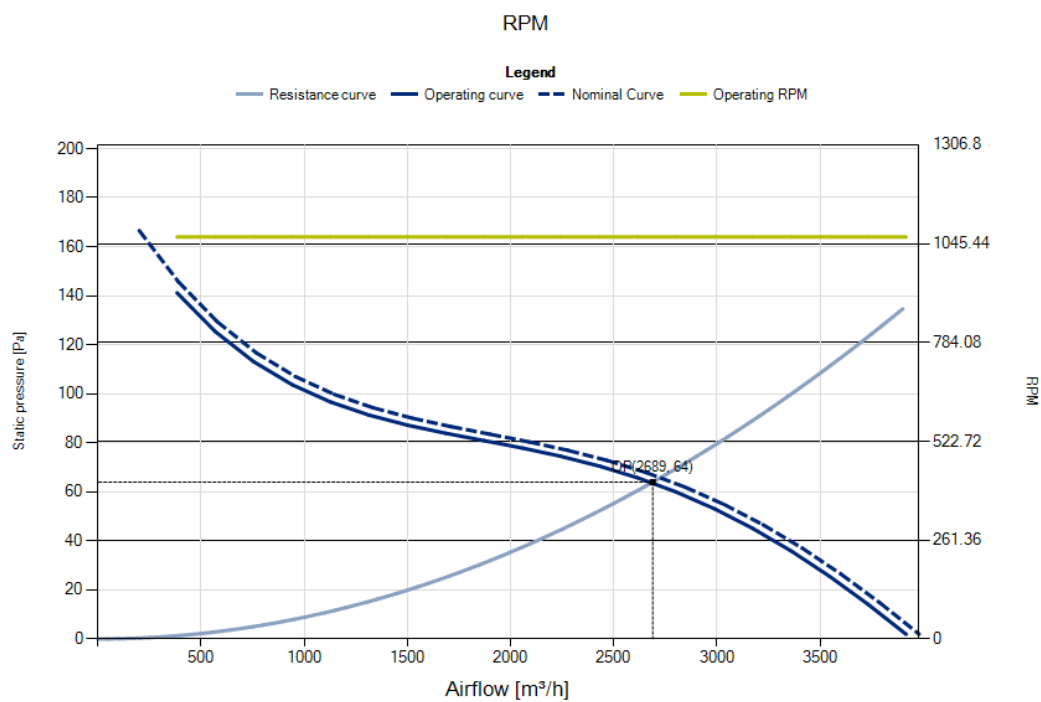


Total pressure

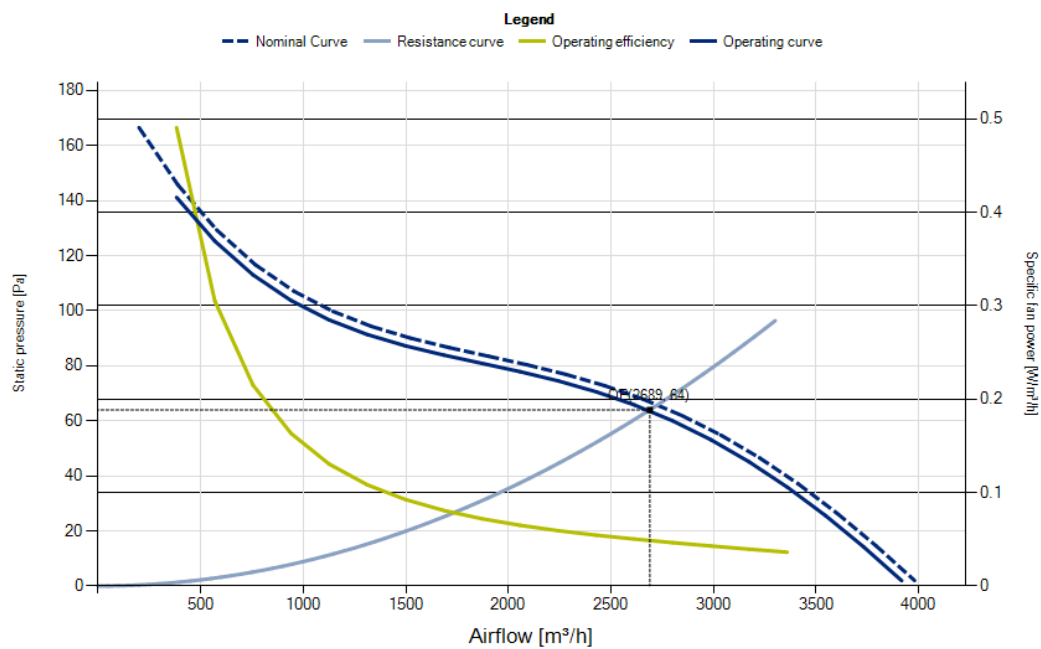


Input power





Specific fan power



Overall static efficiency

