

#1 DATA SHEET

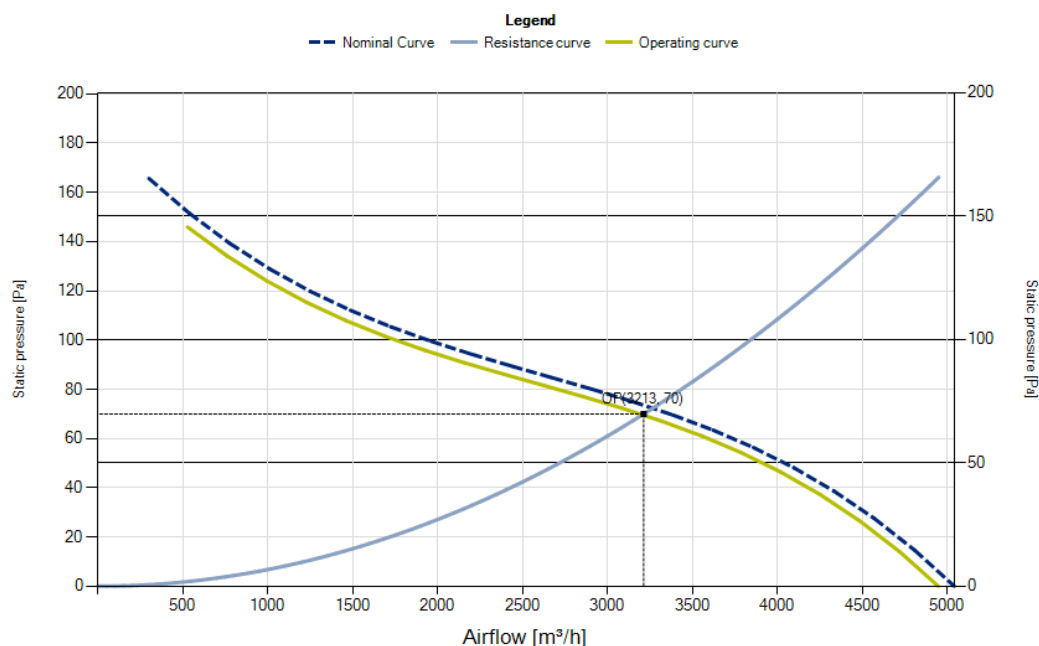
R10R-45APB-ES35B-01B23

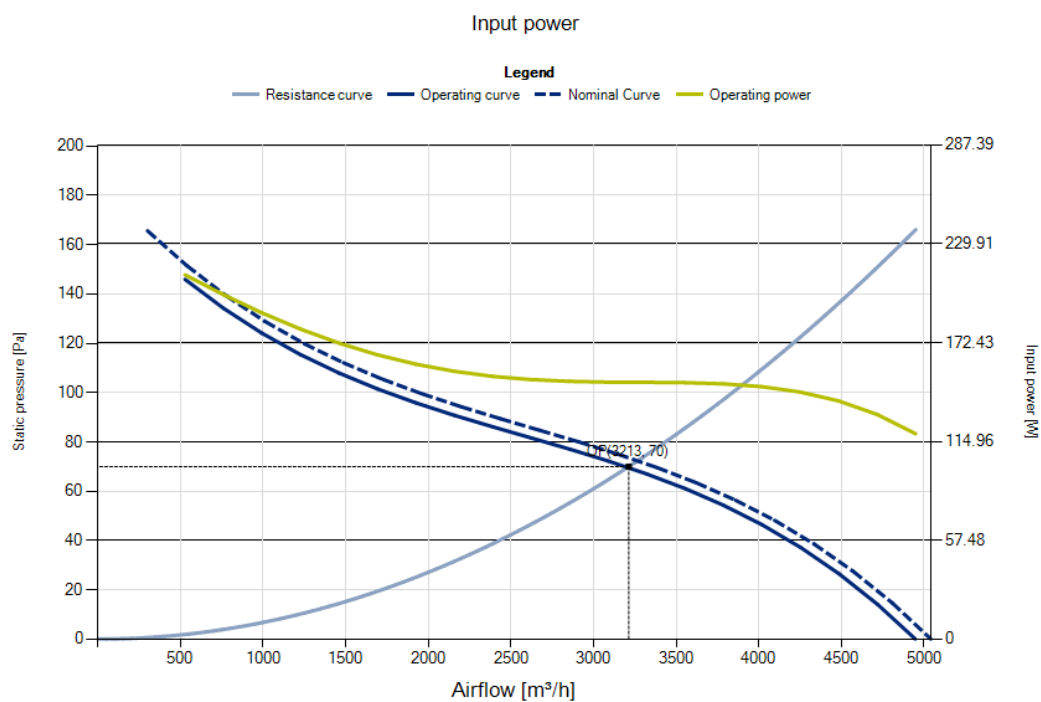
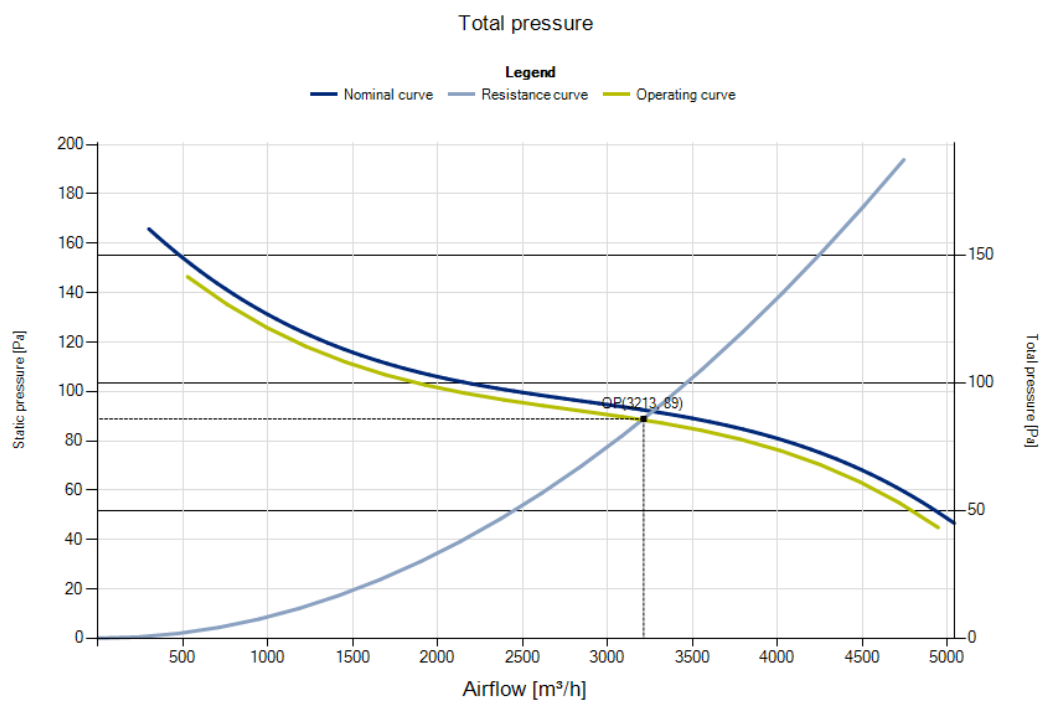
EC Axial Fans with guard grill for short inlet

Ordering code: 0310-4-0078

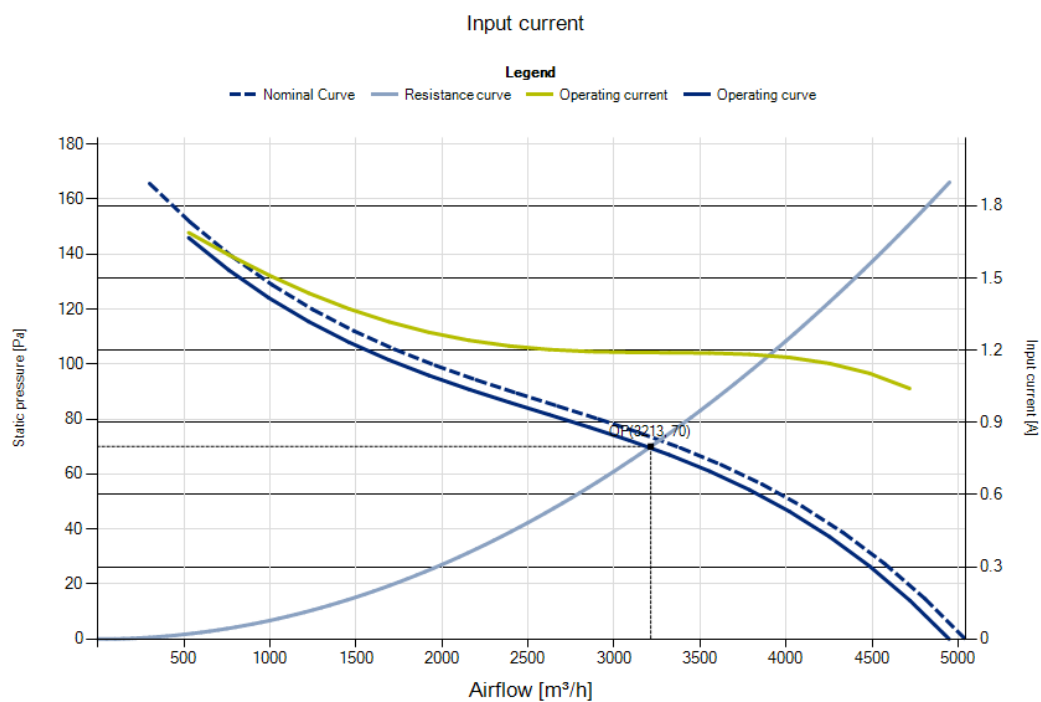
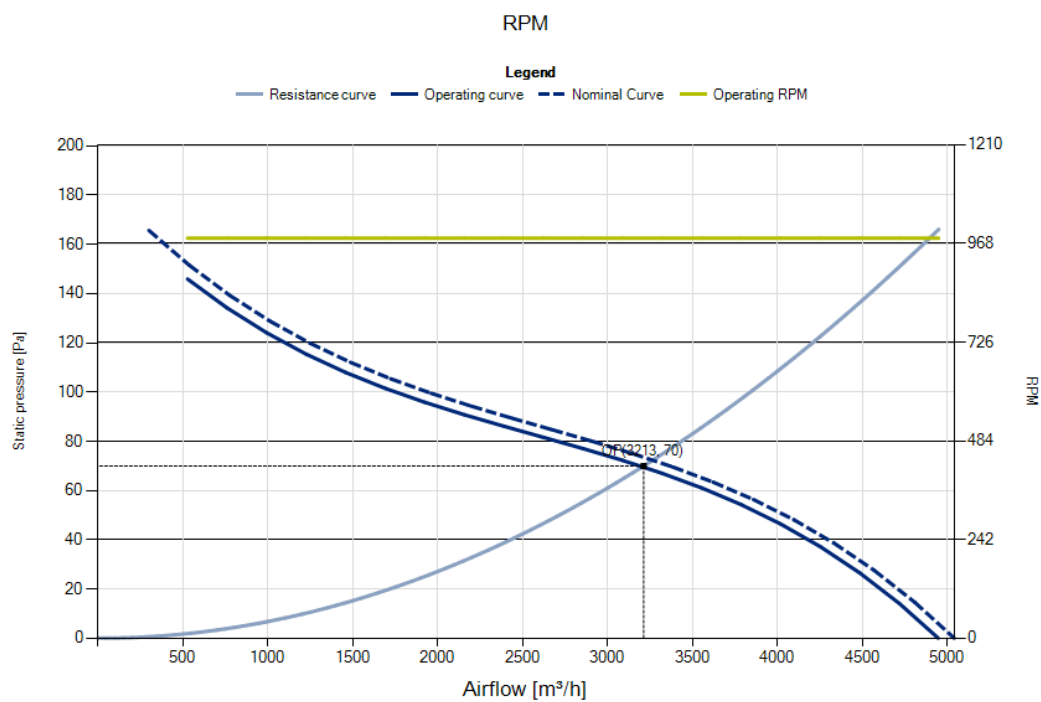
Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	3213	Phase [~]	1	Overall efficiency [%]	47.4
Static pressure [Pa]	70	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	230	Efficiency category	static
Total pressure [Pa]	89	Frequency [Hz]	50 / 60	Efficiency grade N	58.8
Rotation speed [1/min]	983	Input power [W]	145 / 145	Variable speed drive	INTEGRATED
Input power [W]	150	Input current [A]	1.15 / 1.15	Power input [kW]	0.16
Current [A]	1.2	Nominal speed [rpm]	1000 / 1000	Airflow [m3/h]	3213
Total efficiency [%]	53	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	76
Static efficiency [%]	41	Max. ambient temp. [°C]	55	Rotational Speed [rpm]	1008
Sound power [dB]	66	Protection class	IP54	Specific ratio	1.00
Weighted sound power [dB(A)]	65	Insulation class	130		
Sound pressure [dB]	55	Capacitor [μF/450V]	N / A		
Weighted sound pressure [dB(A)]	54	K. Value	N / A		
		Connection	N / A		
		Weight [Kg]	6.1		

Static pressure

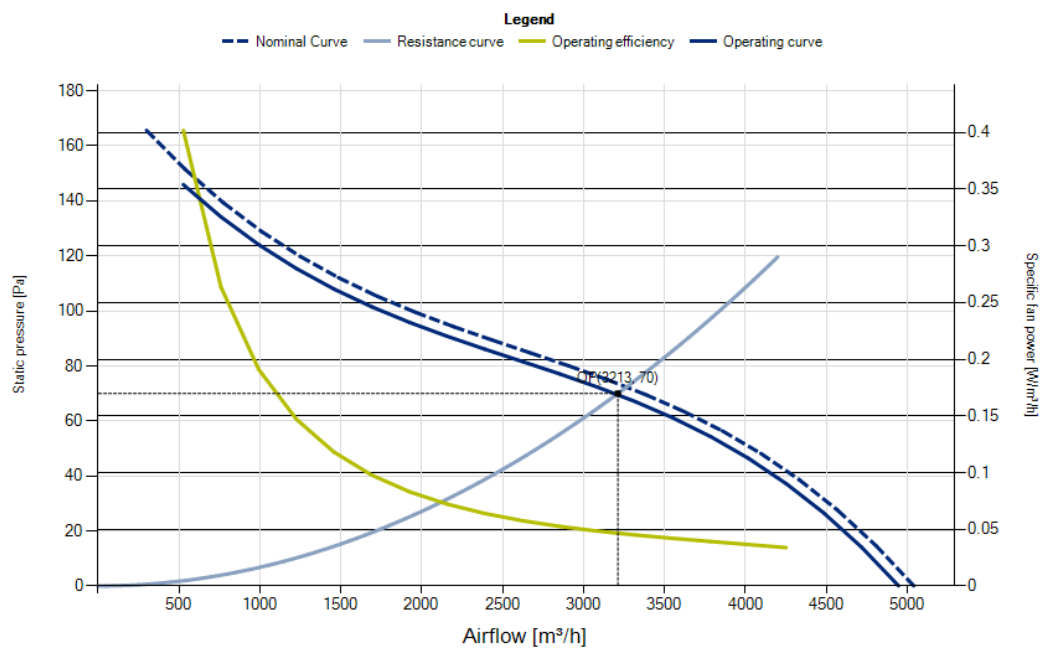




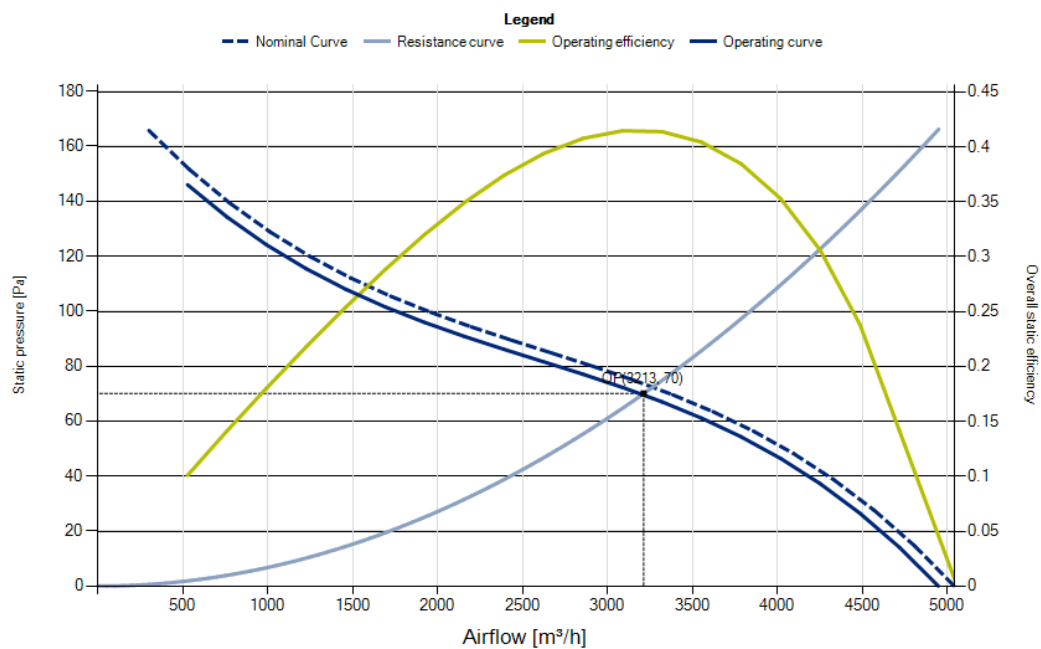
Hidria d.o.o., subsidiary Spodnja Idrija Spodnja Kanončja 23, Slovenia, T: +386 5375 6000, E: sales.movent@hidria.com



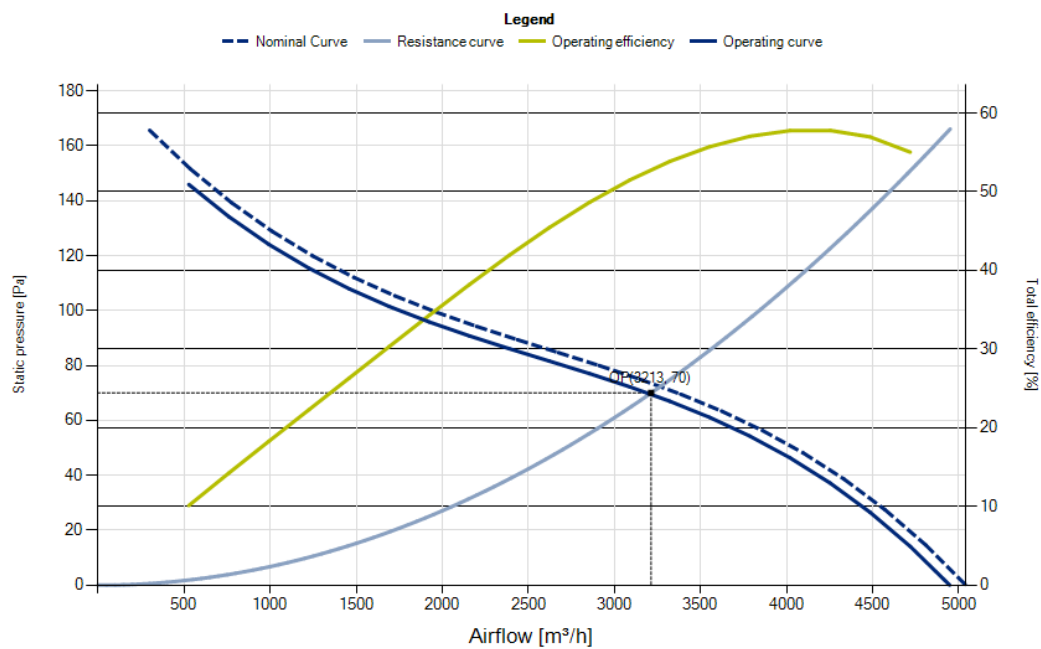
Specific fan power



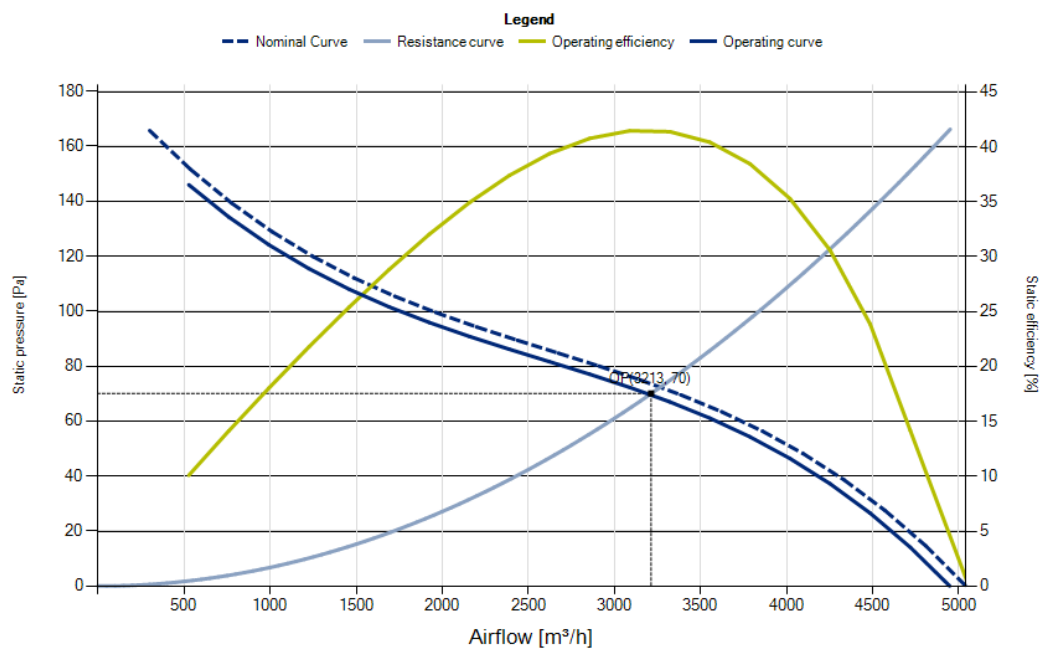
Overall static efficiency



Total efficiency



Static efficiency



Weighted octave sound power spectrum

