

#1 DATA SHEET

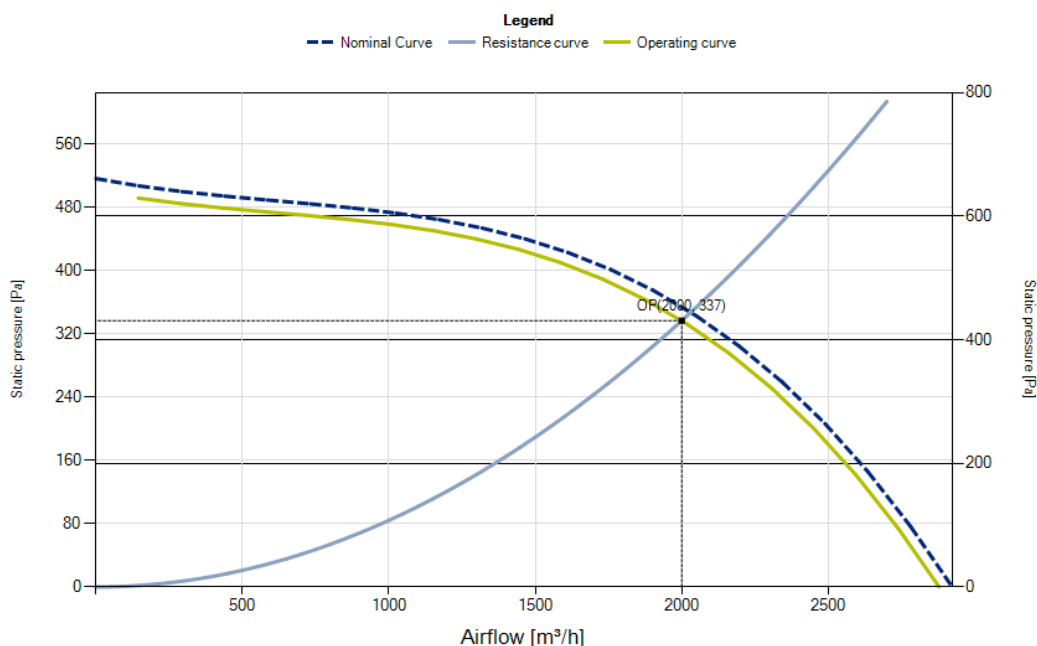
R10G-2810KR-ES50B-13C24

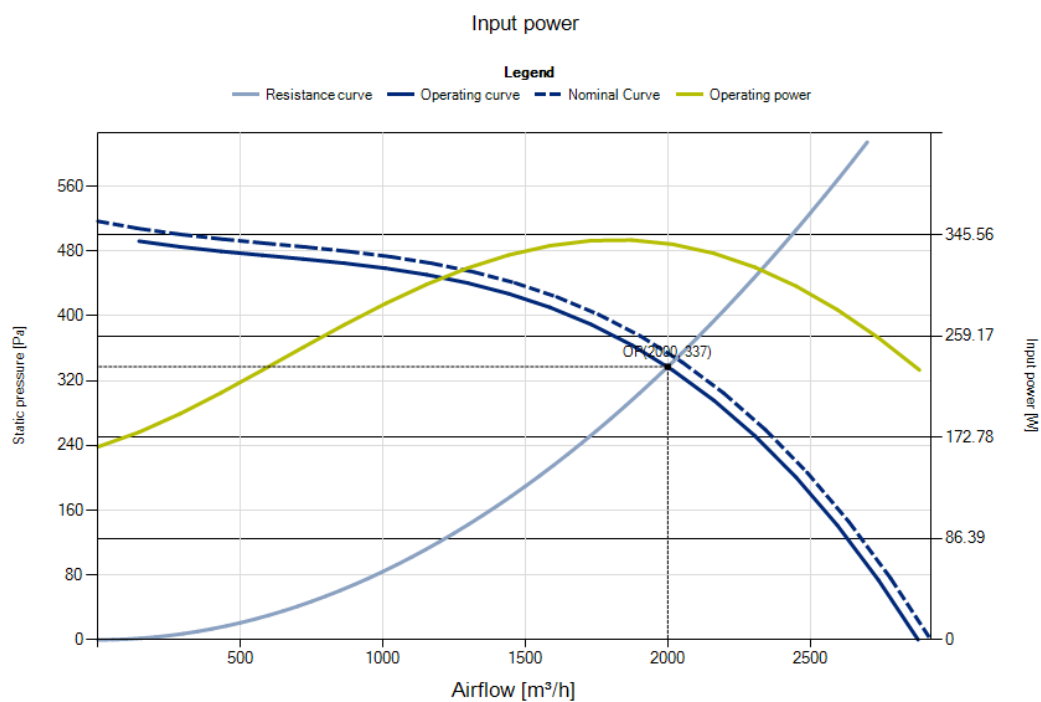
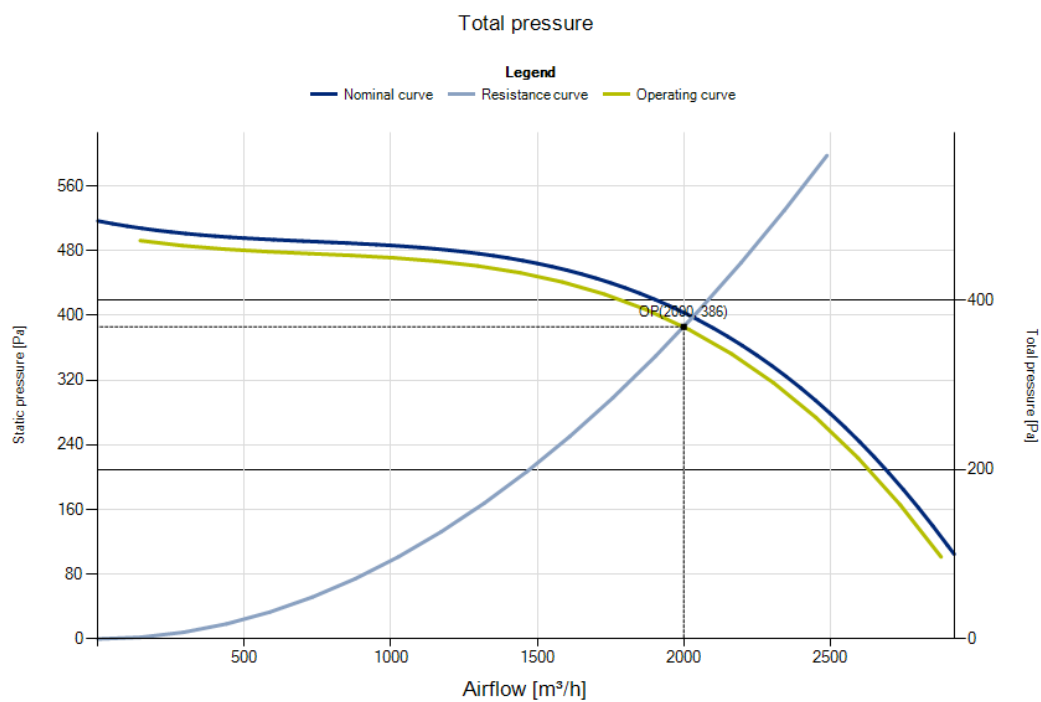
Plug Fans with plate and support brackets

Ordering code: 0310-4-0123

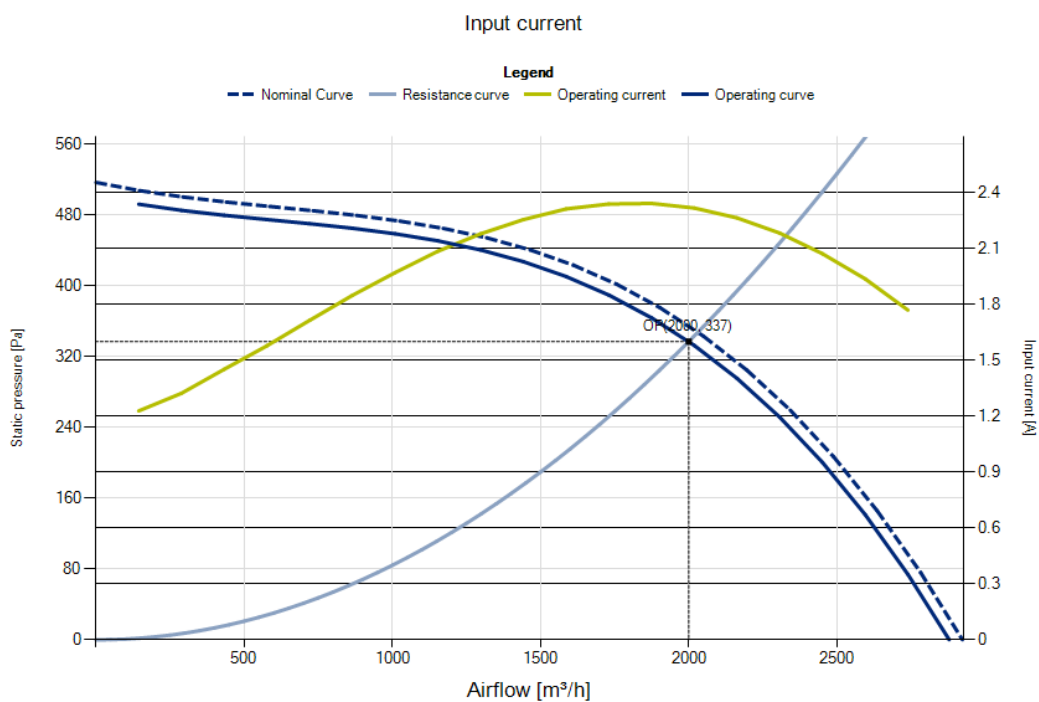
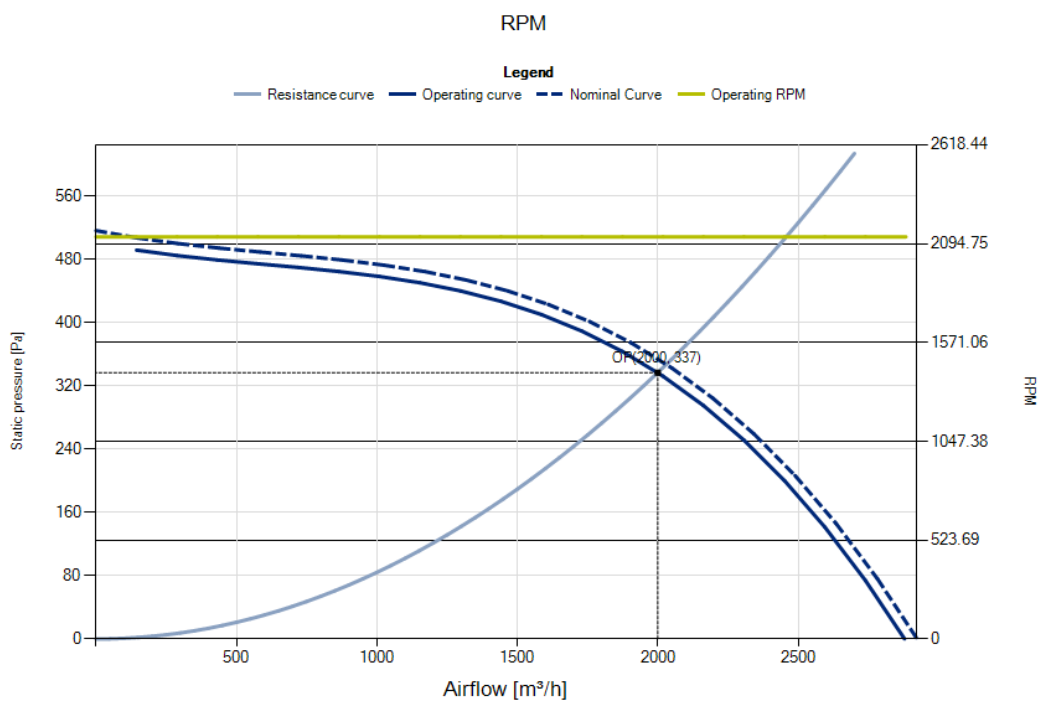
Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	2000	Phase [~]	1	Overall efficiency [%]	64.8
Static pressure [Pa]	337	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	230-240	Efficiency category	static
Total pressure [Pa]	386	Frequency [Hz]	50 / 60	Efficiency grade N	73.9
Rotation speed [1/min]	2131	Input power [W]	350 / 350	Variable speed drive	INTEGRATED
Input power [W]	338	Input current [A]	2.50 / 2.50	Power input [kW]	0.35
Current [A]	2.32	Nominal speed [rpm]	2160 / 2160	Airflow [m3/h]	2000
Total efficiency [%]	63	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	400
Static efficiency [%]	55	Max. ambient temp. [°C]	40	Rotational Speed [rpm]	2160
Sound power [dB]	83	Protection class	IP54	Specific ratio	1.00
Weighted sound power [dB(A)]	80	Insulation class	130		
Sound pressure [dB]	72	Capacitor [μF/450V]	N / A		
Weighted sound pressure [dB(A)]	69	K. Value	66		
		Connection	N / A		
		Weight [Kg]	10.7		

Static pressure

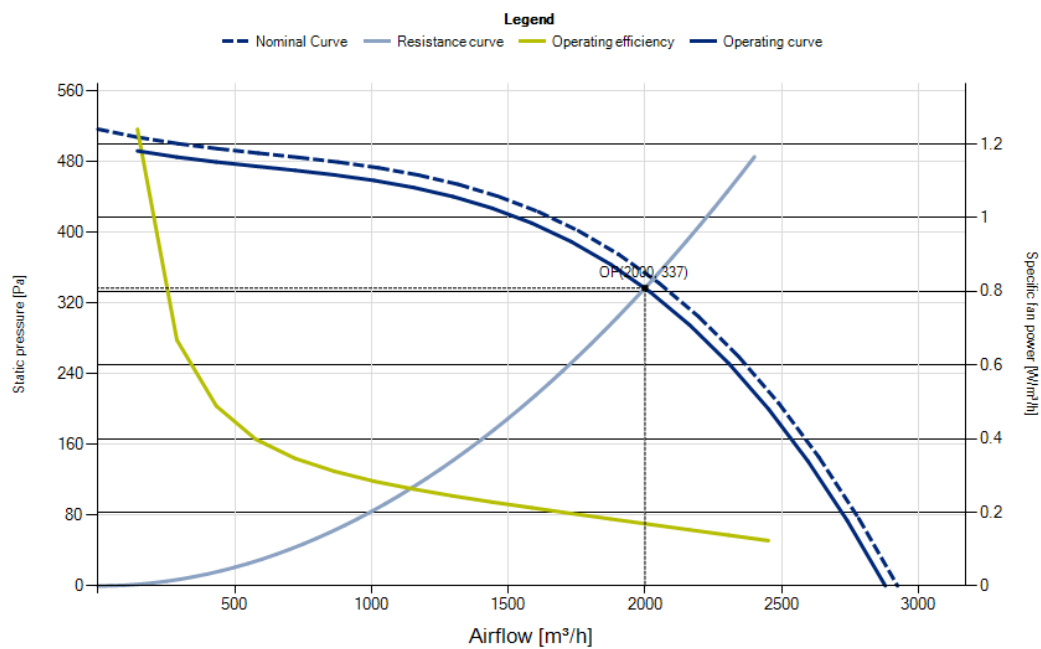




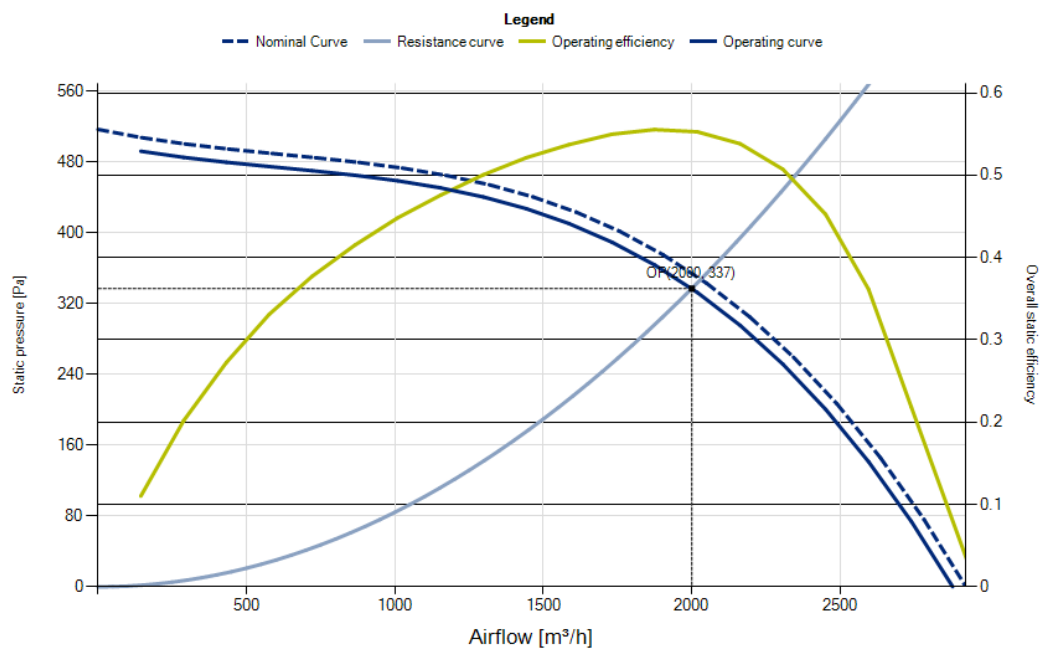
Hidria d.o.o., subsidiary Spodnja Idrija Spodnja Kanonjka 23, Slovenia, T: +386 5375 6000, E: sales.movent@hidria.com

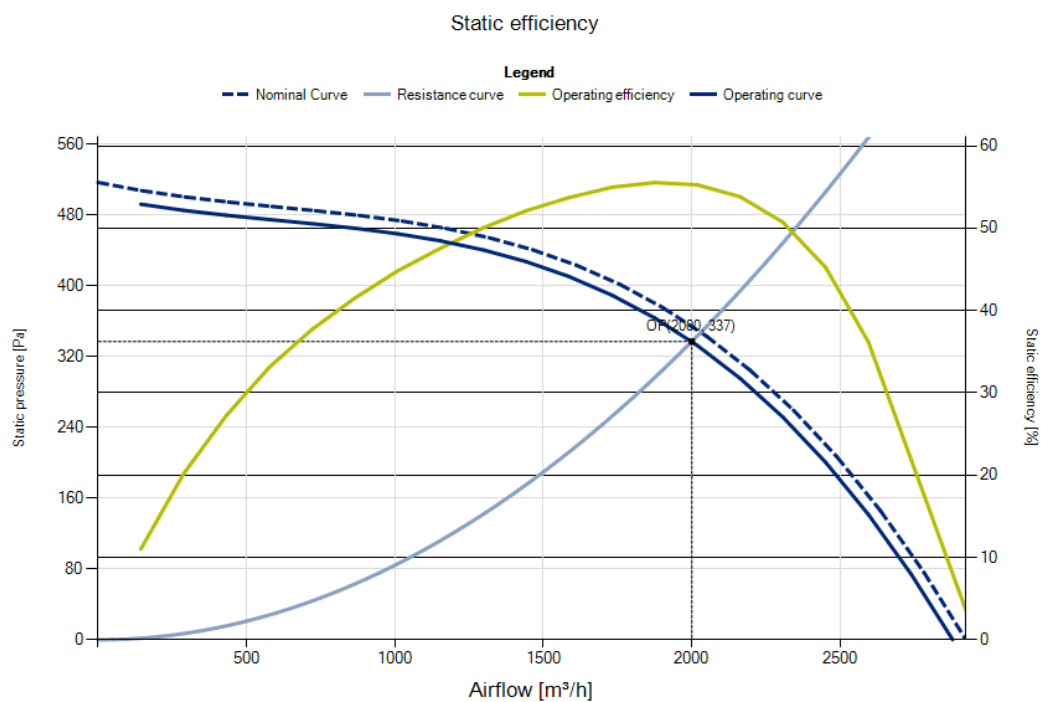
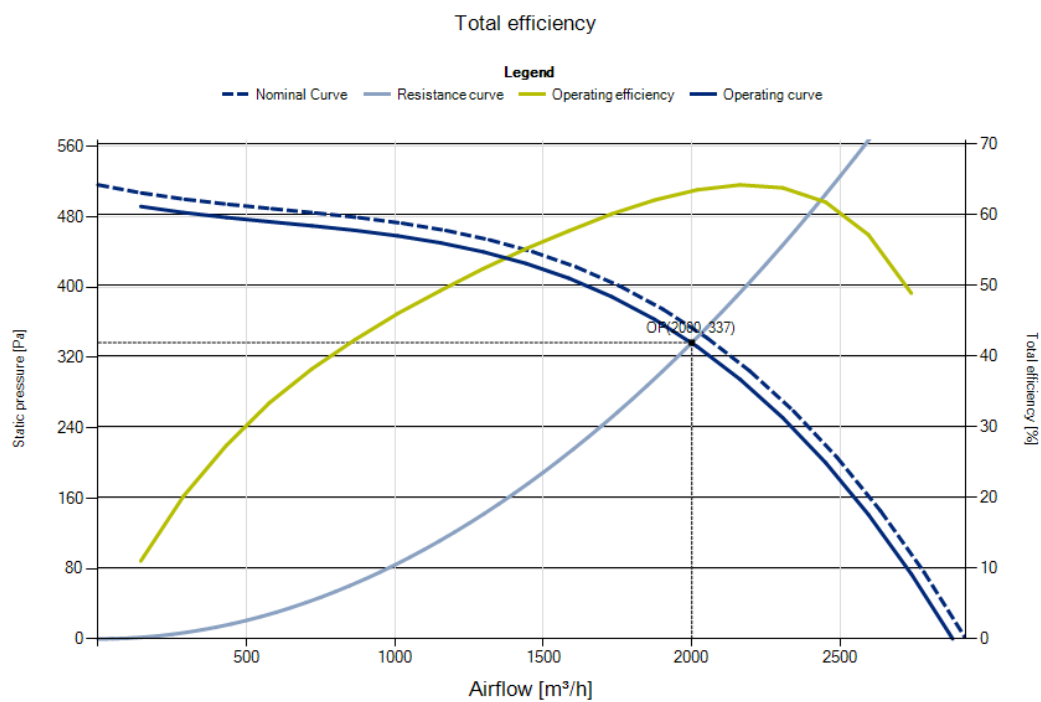


Specific fan power



Overall static efficiency





Unweighted octave sound power spectrum

