

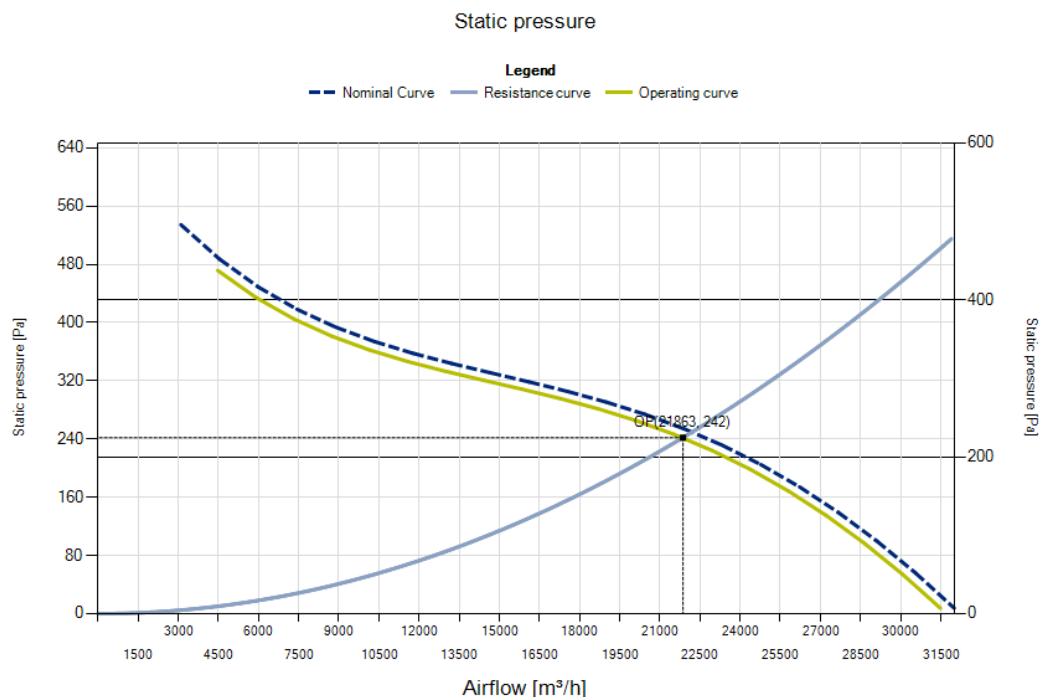
#1 DATA SHEET

R18R-091MPS-ET120B-01A02

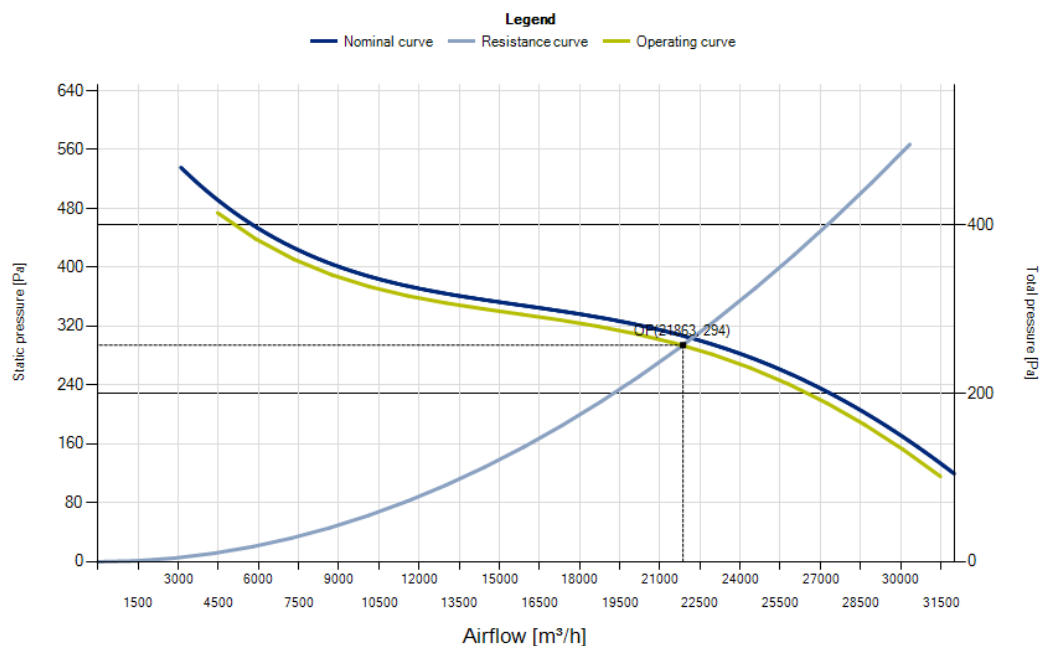
EC Axial Fans with guard grill for long inlet

Ordering code: 0318-4-1006

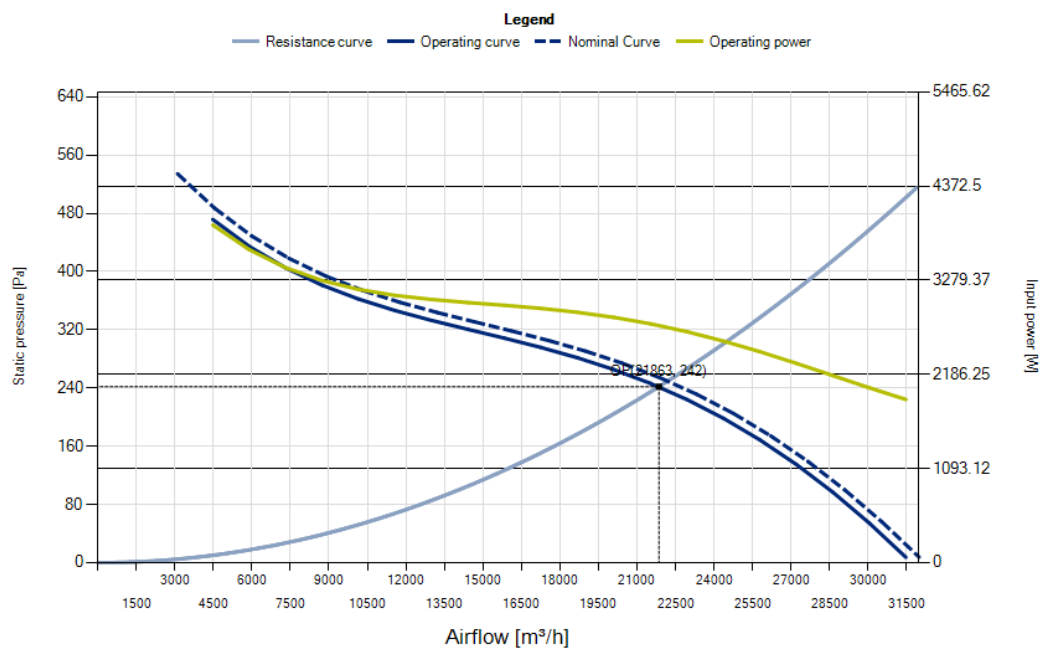
Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	21863	Phase [~]	3	Overall efficiency [%]	54.3
Static pressure [Pa]	242	Voltage [V]	400 / 400	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	380-480	Efficiency category	static
Total pressure [Pa]	294	Frequency [Hz]	50 / 60	Efficiency grade N	57.7
Rotation speed [1/min]	1112	Input power [W]	2900 / 2900	Variable speed drive	INTEGRATED
Input power [W]	2755	Input current [A]	4,9 - 4,1 / 4,9 - 4,1	Power input [kW]	2918.00
Current [A]	4.23	Nominal speed [rpm]	1130 / 1130	Airflow [m3/h]	21863
Total efficiency [%]	65	Min. ambient temp. [°C]	-25 (*-40 Optional)	Pressure drop [Pa]	257
Static efficiency [%]	53	Max. ambient temp. [°C]	65	Rotational Speed [rpm]	1135
Sound power [dB]	90	Protection class	IP55	Specific ratio	1.00
Weighted sound power [dB(A)]	89	Insulation class	155		
Sound pressure [dB]	79	Capacitor [µF/450V]	N / A		
Weighted sound pressure [dB(A)]	78	K. Value	N / A		
		Connection	N / A		
		Weight [Kg]	50.0		

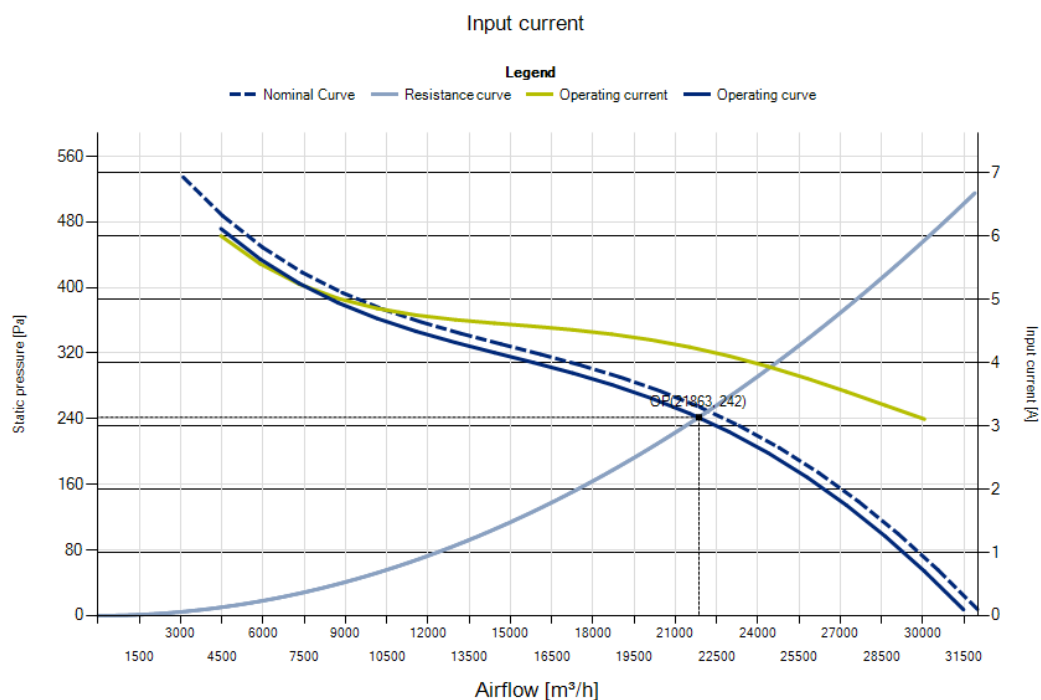
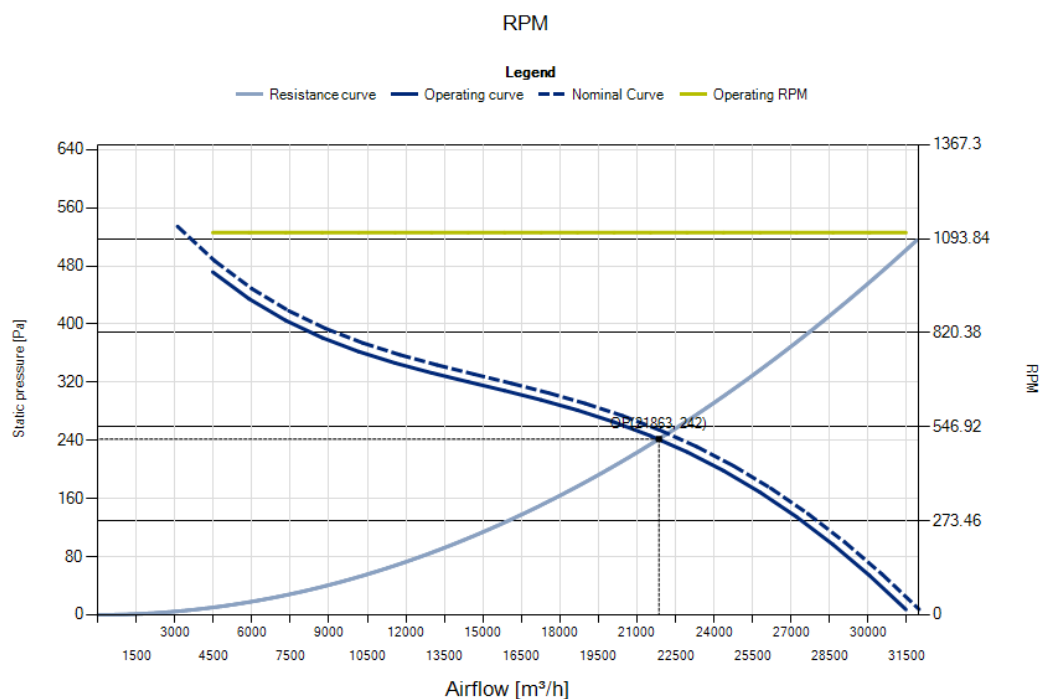


Total pressure



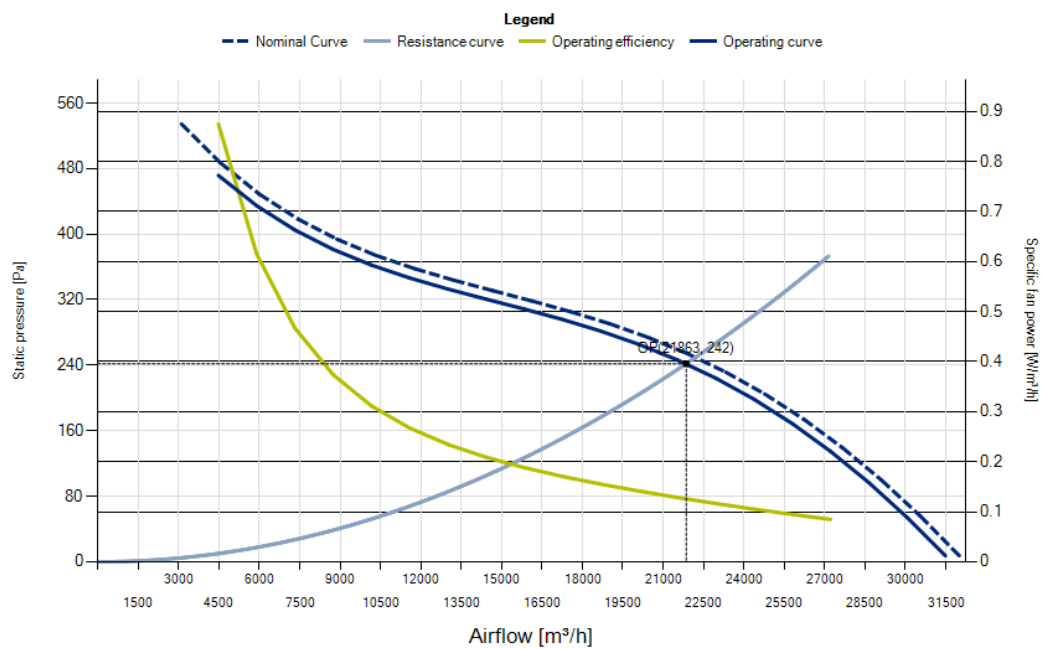
Input power



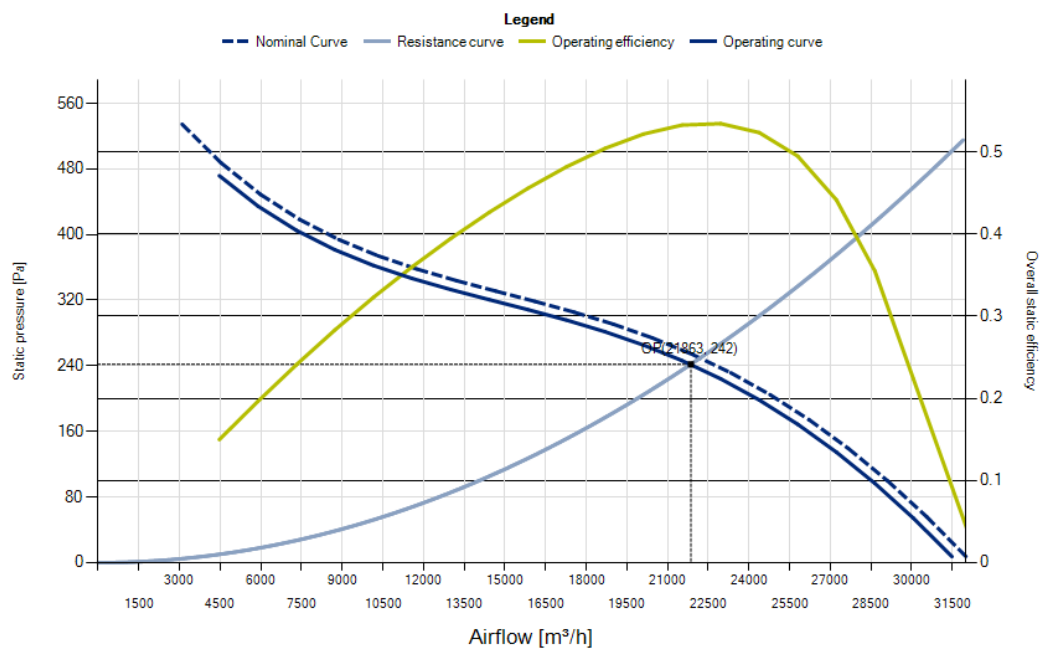


Hidria d.o.o., subsidiary Spodnja Idrija Spodnja Kanonjka 23, Slovenia, T: +386 5375 6000, E: sales.movent@hidria.com

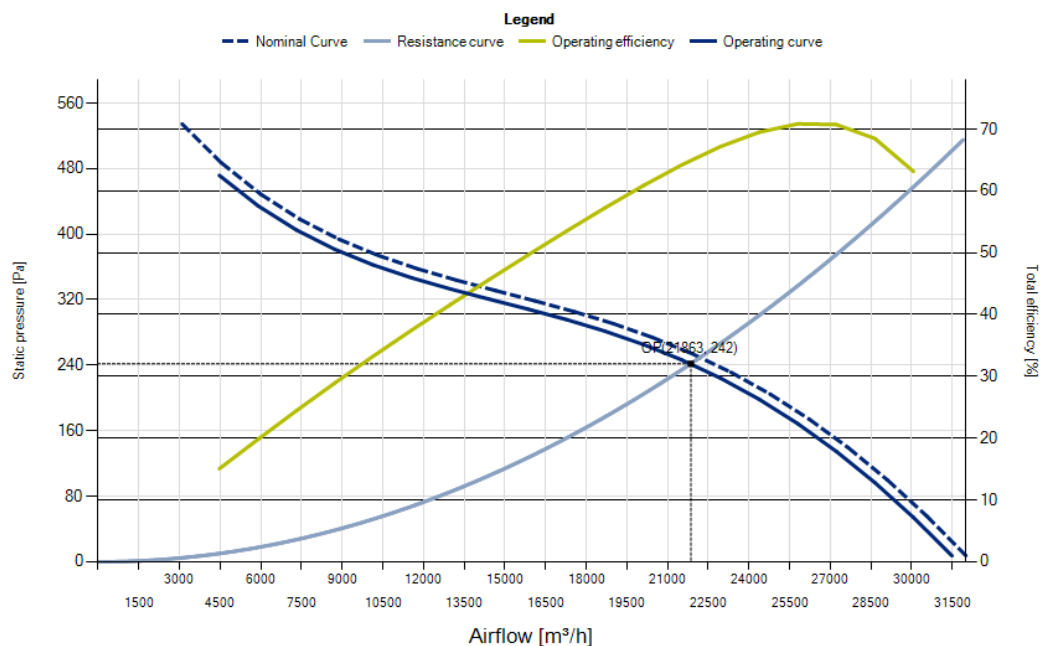
Specific fan power



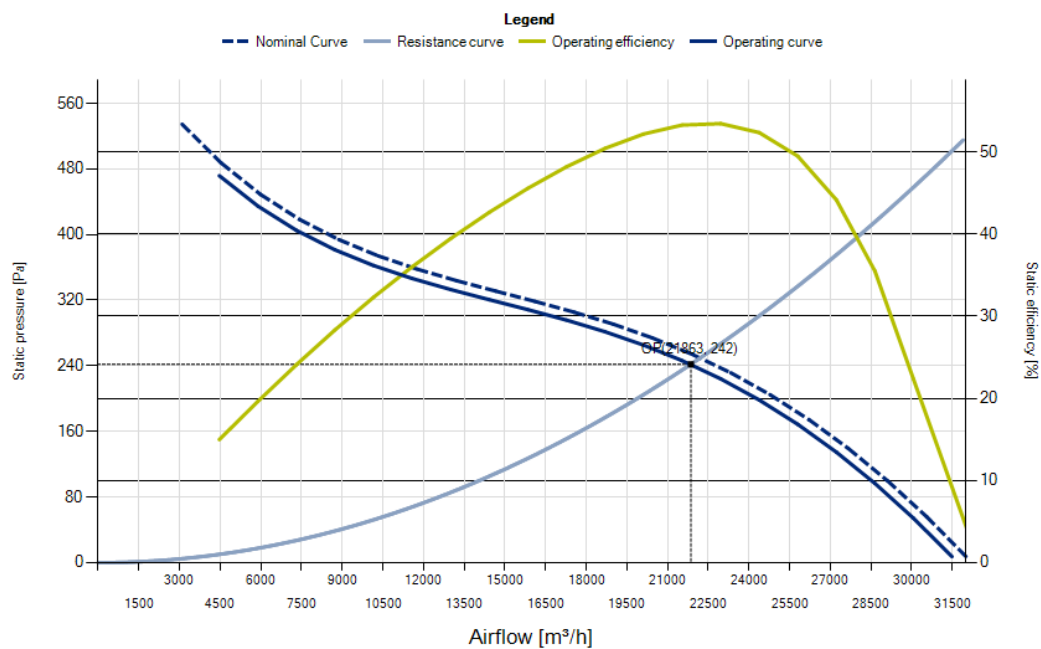
Overall static efficiency



Total efficiency



Static efficiency



Weighted octave sound power spectrum

