

#1 DATA SHEET

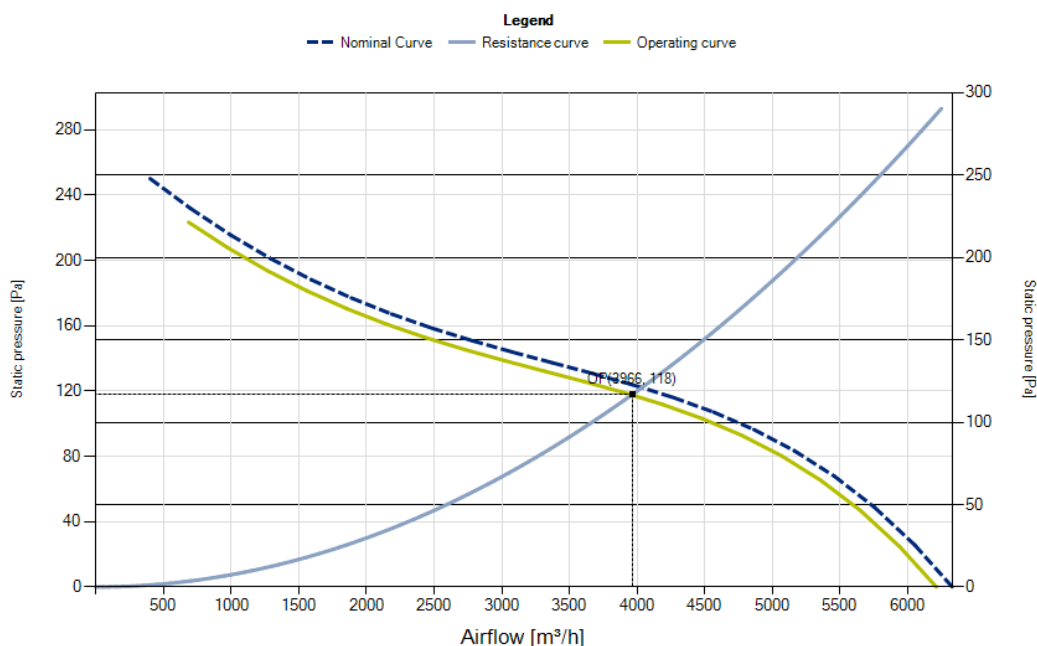
R10P-45APB-ES50B-09C05

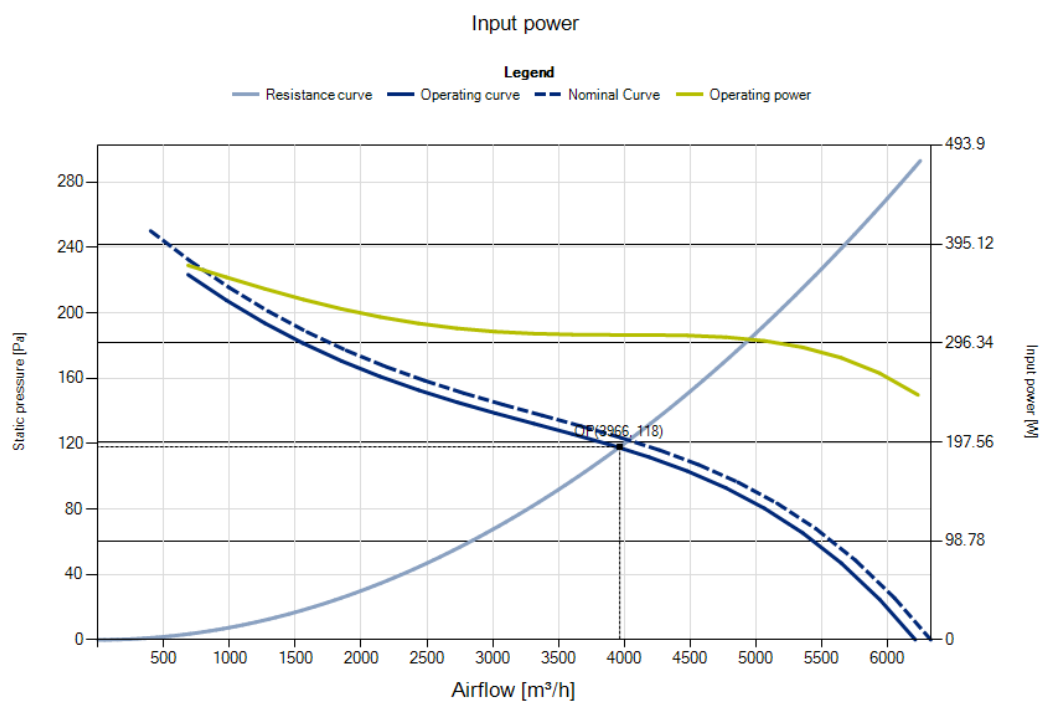
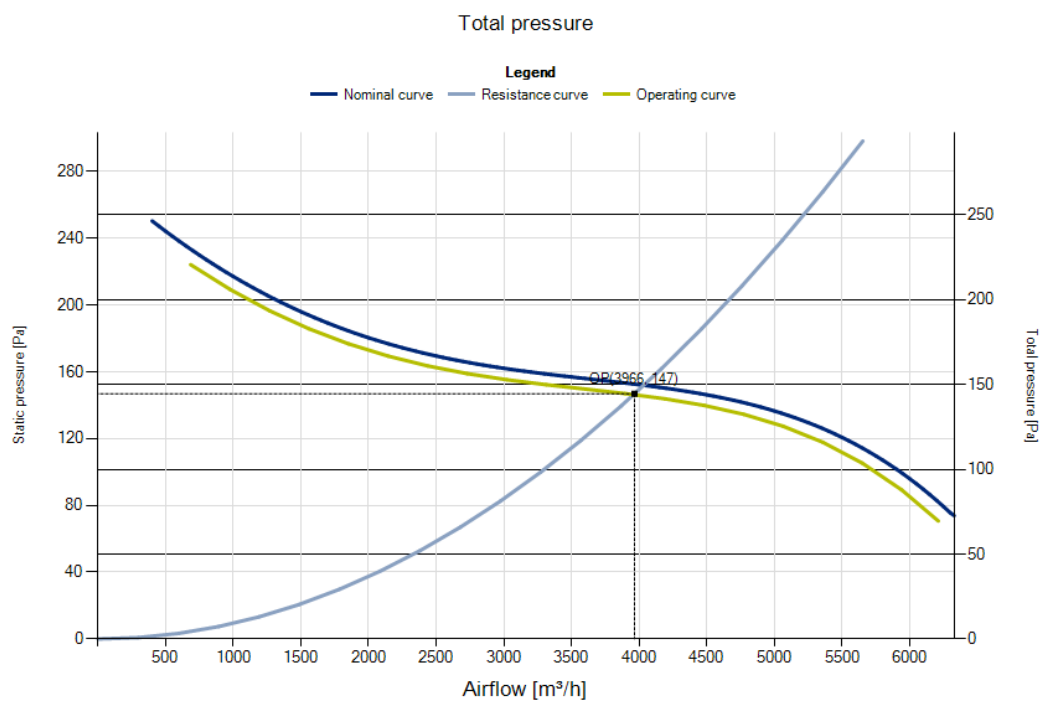
EC Axial Fans with guard grill and wall plate long inlet

Ordering code: 0310-4-0130

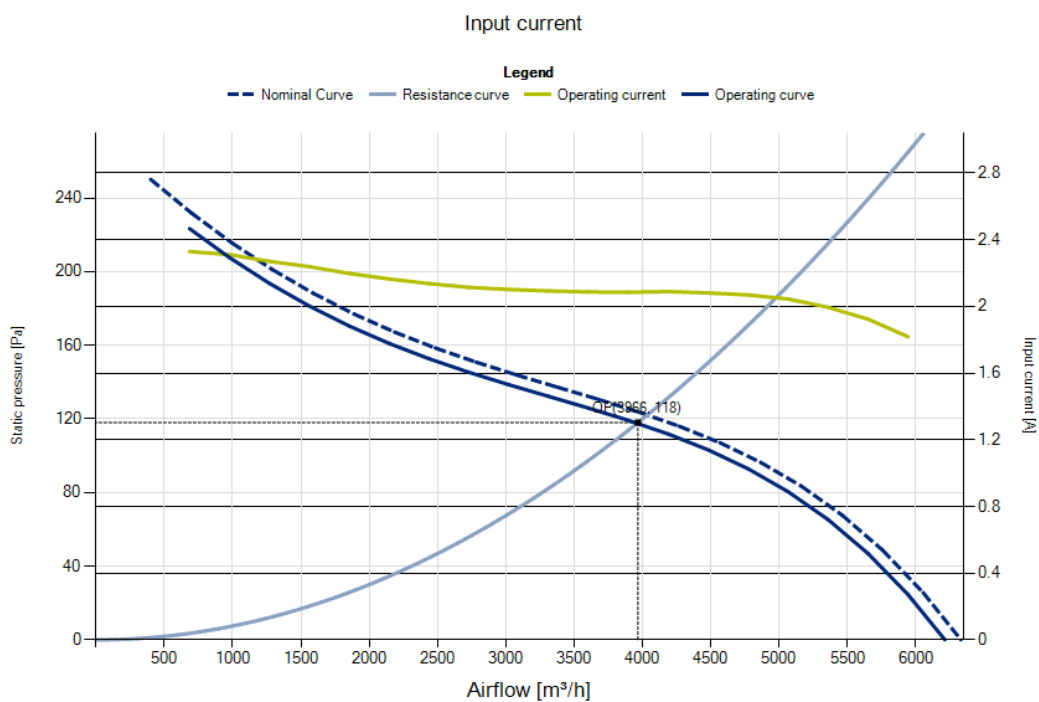
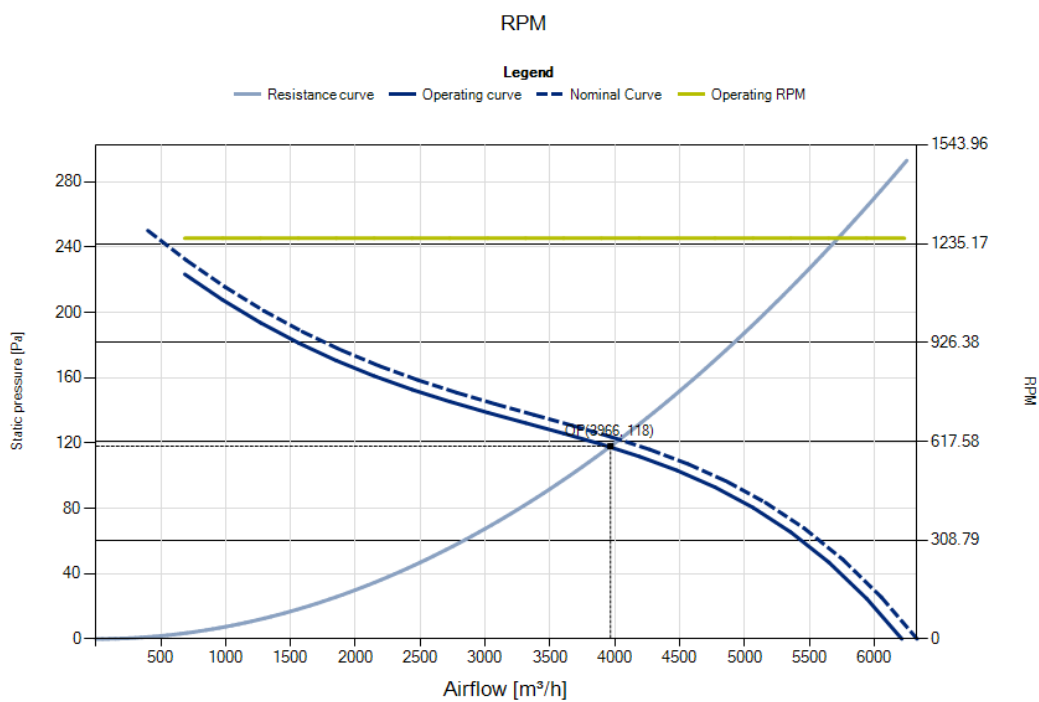
Operating Point		Nominal data		Erp Data	
Air flow [m3/h]	3966	Phase [~]	1	Overall efficiency [%]	43.2
Static pressure [Pa]	118	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m3]	1.2	Voltage range [V]	220-240	Efficiency category	static
Total pressure [Pa]	146	Frequency [Hz]	50 / 60	Efficiency grade N	52.5
Rotation speed [1/min]	1258	Input power [W]	300 / 300	Variable speed drive	integrated
Input power [W]	309	Input current [A]	2.05 / 2.05	Power input [kW]	0.35
Current [A]	2.09	Nominal speed [rpm]	1280 / 1280	Airflow [m3/h]	3966
Total efficiency [%]	52	Min. ambient temp. [°C]	-25	Pressure drop [Pa]	127
Static efficiency [%]	42	Max. ambient temp. [°C]	65	Rotational Speed [rpm]	1287
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]	7.8		

Static pressure

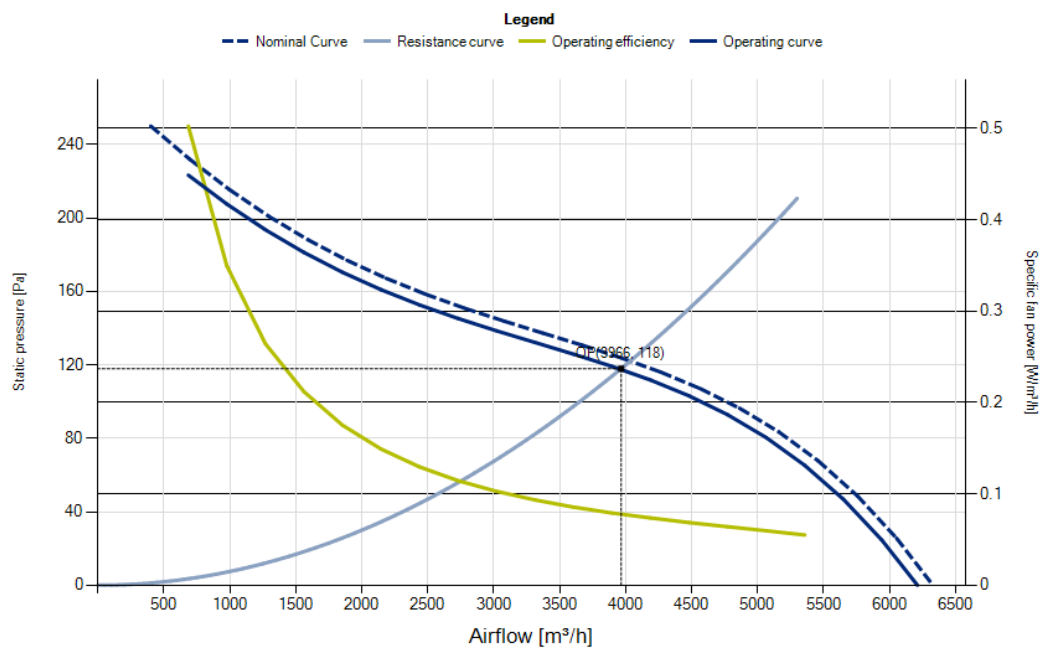




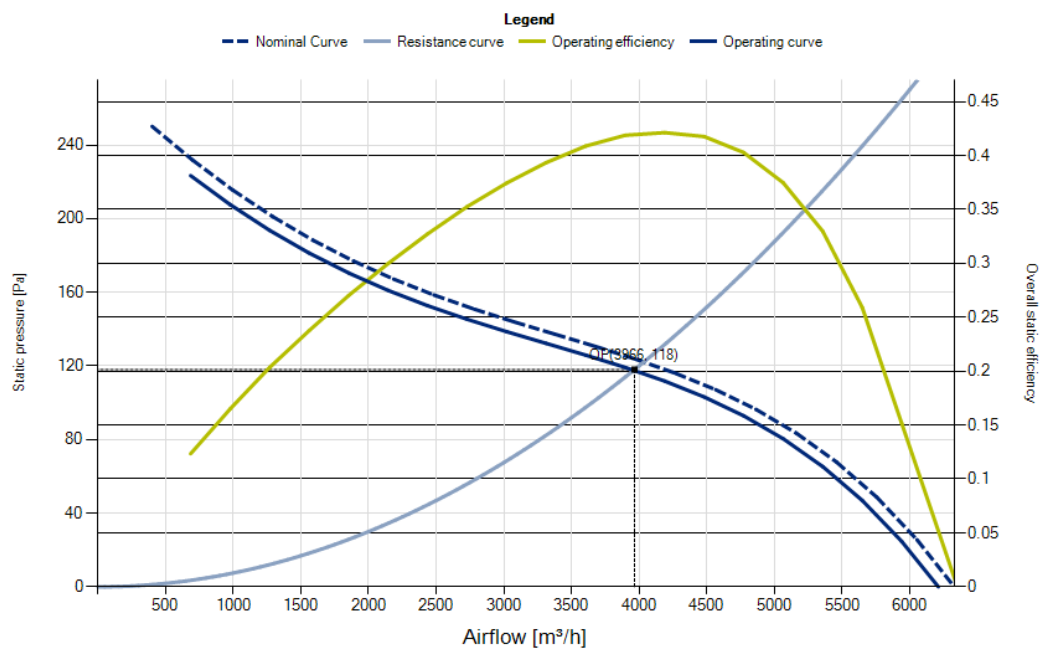
Hidria d.o.o., subsidiary Spodnja Idrija Spodnja Kanonjka 23, Slovenia, T: +386 5375 6000, E: sales.movent@hidria.com



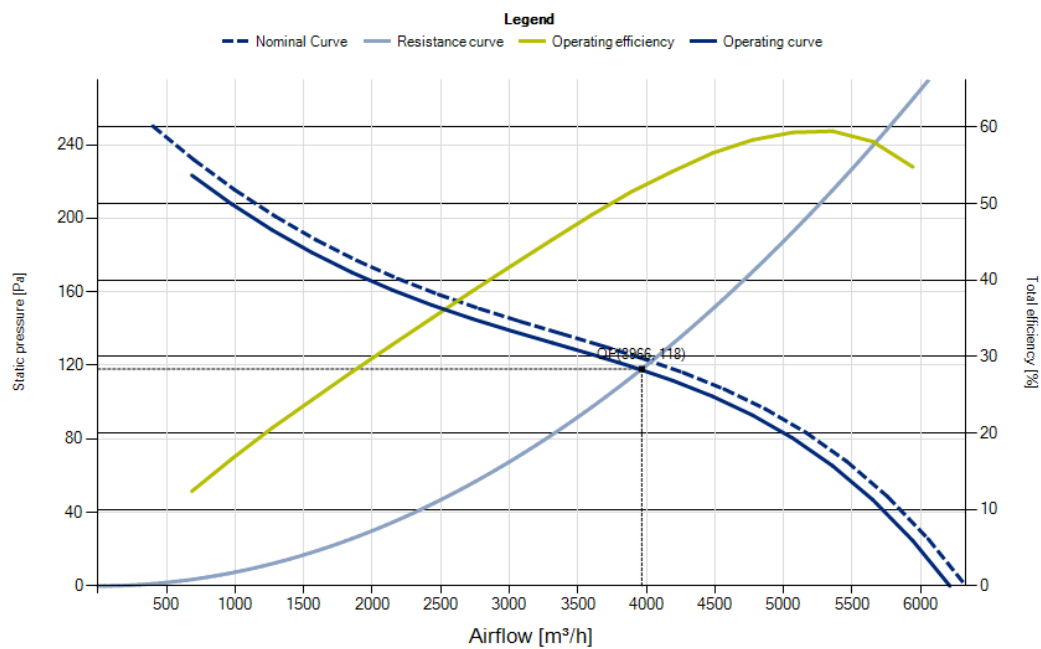
Specific fan power



Overall static efficiency



Total efficiency



Static efficiency

