

#1 DATA SHEET

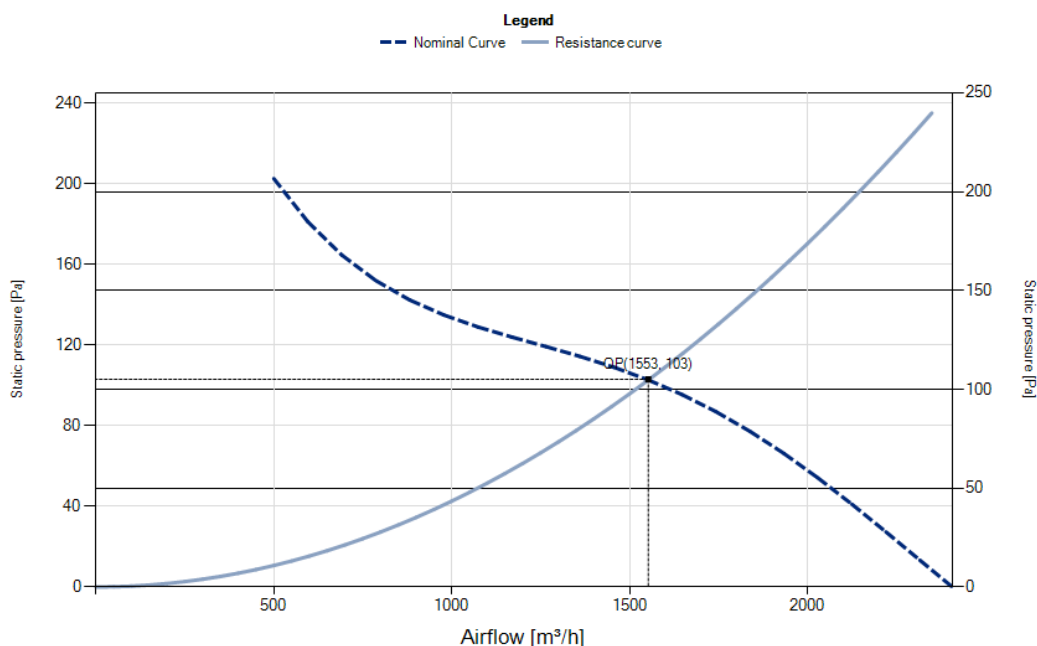
R09R-3018HP-2M-4248

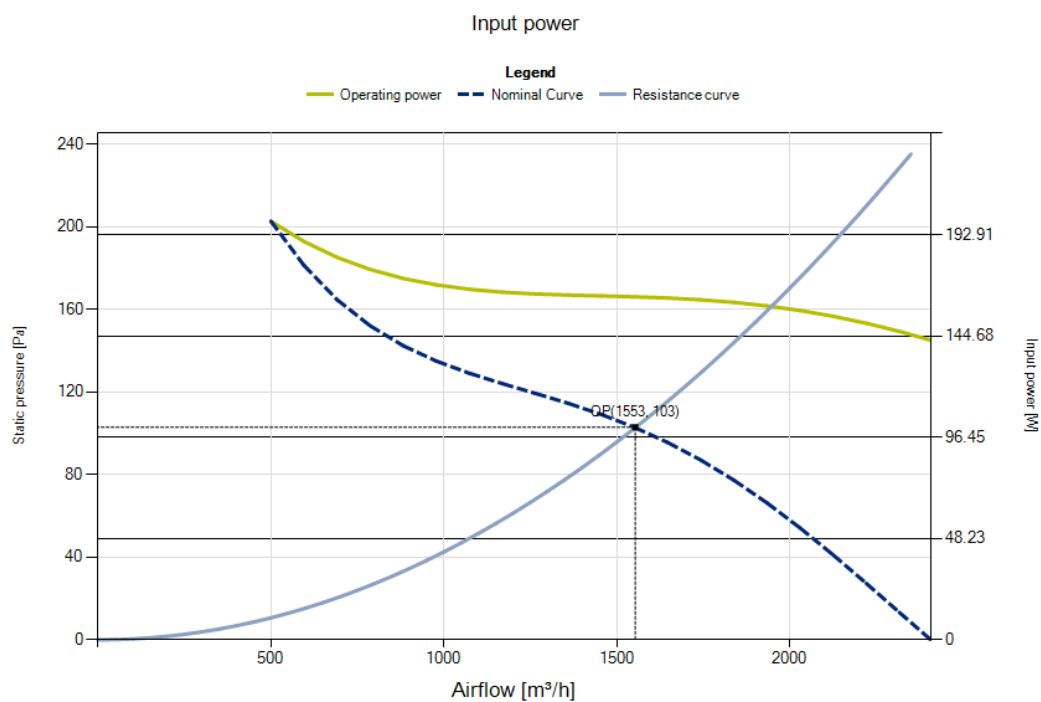
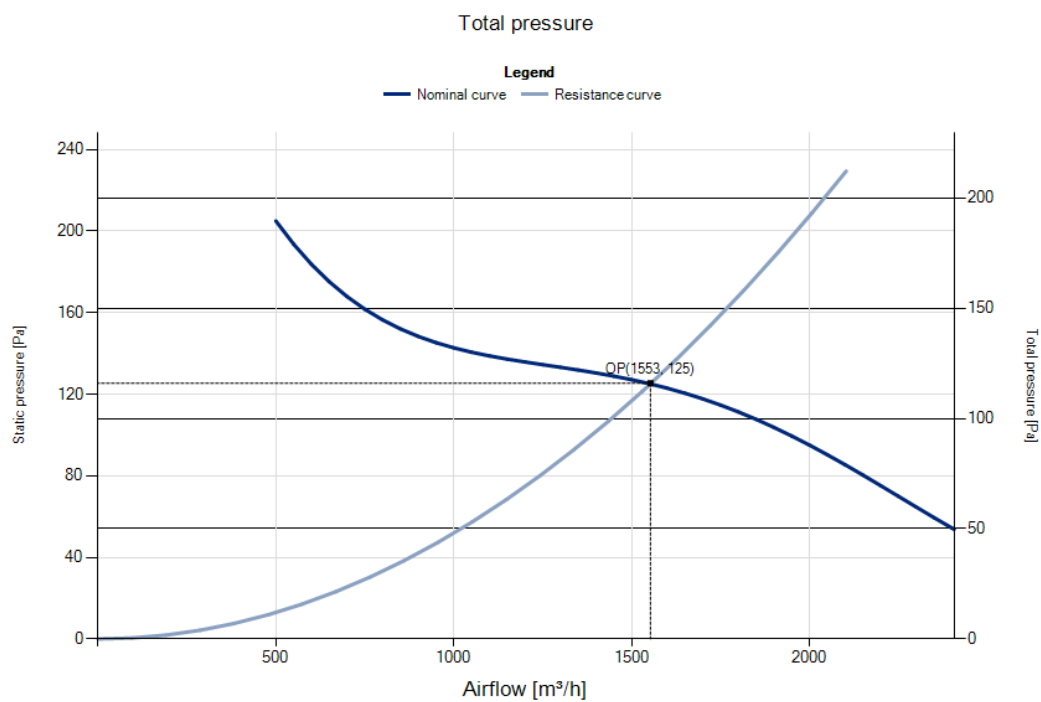
Stamped Steel Blades with guard grill for short inlet

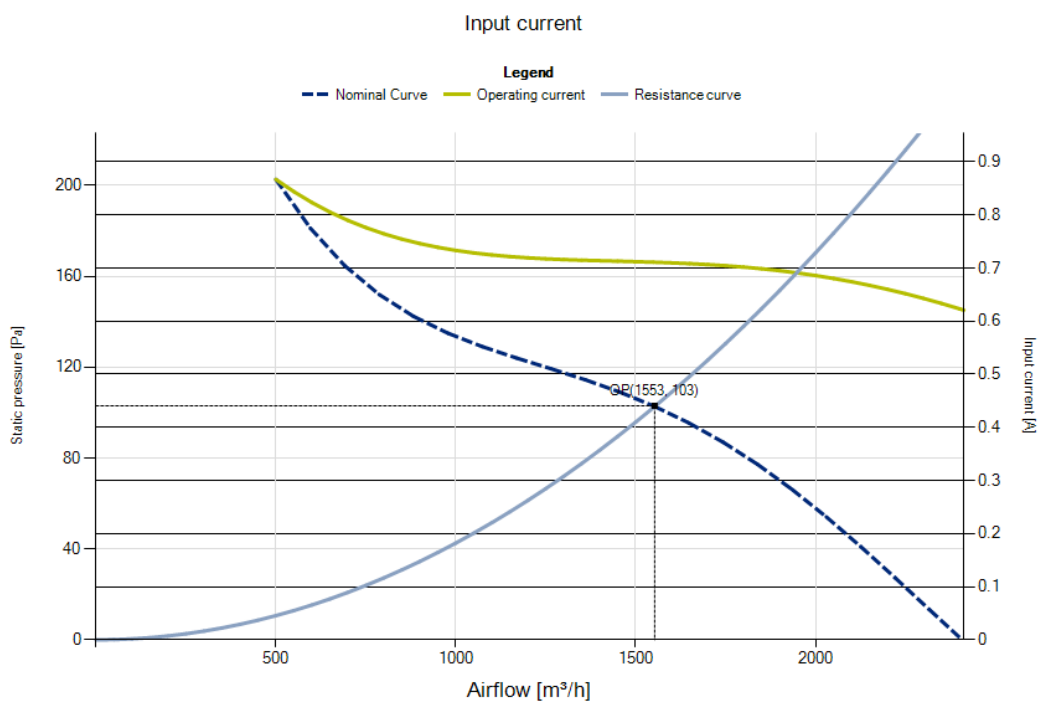
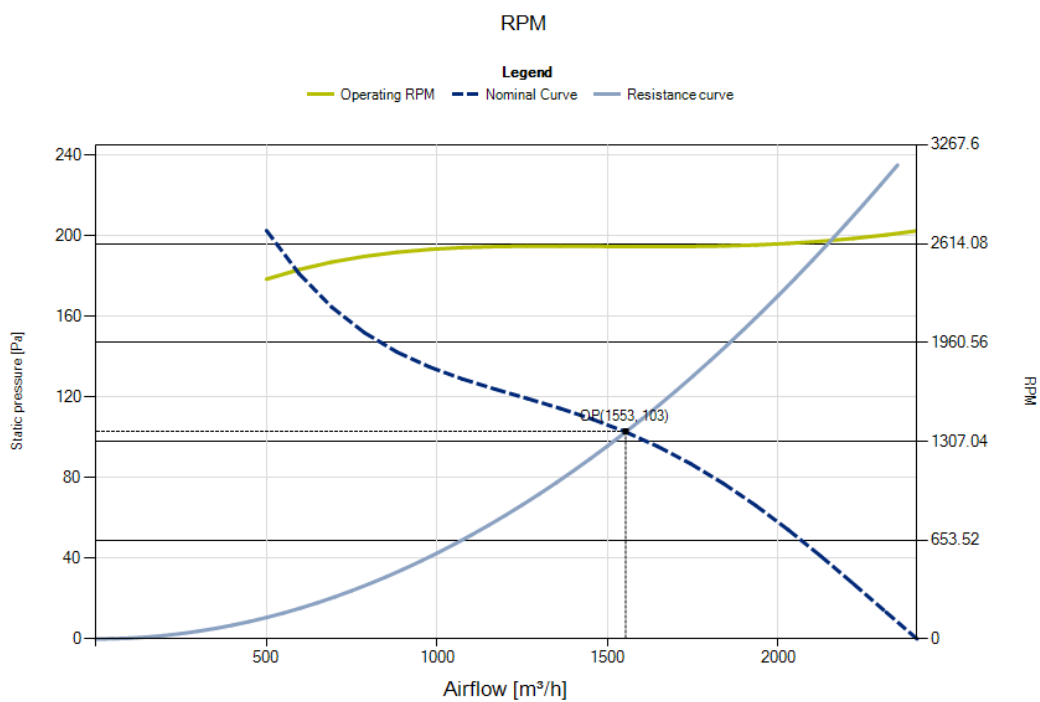
Ordering code: 0309-4-1094

Operating Point		Nominal data		Erp Data	
Air flow [m ³ /h]	1553	Phase [~]	1	Overall efficiency [%]	29.0
Static pressure [Pa]	103	Voltage [V]	230 / 230	Measurement cat.	A
Density [kg/m ³]	1.2	Voltage range [V]	N / A	Efficiency category	static
Total pressure [Pa]	125	Frequency [Hz]	50 / 60	Efficiency grade N	40.2
Rotation speed [1/min]	2595	Input power [W]	140 / 190	Variable speed drive	NO
Input power [W]	163	Input current [A]	0.62 / 0.83	Power input [kW]	0.17
Current [A]	0.71	Nominal speed [rpm]	2590 / 2700	Airflow [m ³ /h]	1553
Total efficiency [%]	33	Min. ambient temp. [°C]	-30	Pressure drop [Pa]	118
Static efficiency [%]	27	Max. ambient temp. [°C]	40	Rotational Speed [rpm]	2585
Sound power [dB]	0	Protection class	IP54	Specific ratio	1.00
Weighted sound power [dB(A)]	0	Insulation class	155		
Sound pressure [dB]	0	Capacitor [μF/450V]	5.00		
Weighted sound pressure [dB(A)]	0	K. Value	N / A		
		Connection	N / A		
		Weight [Kg]	3.5		

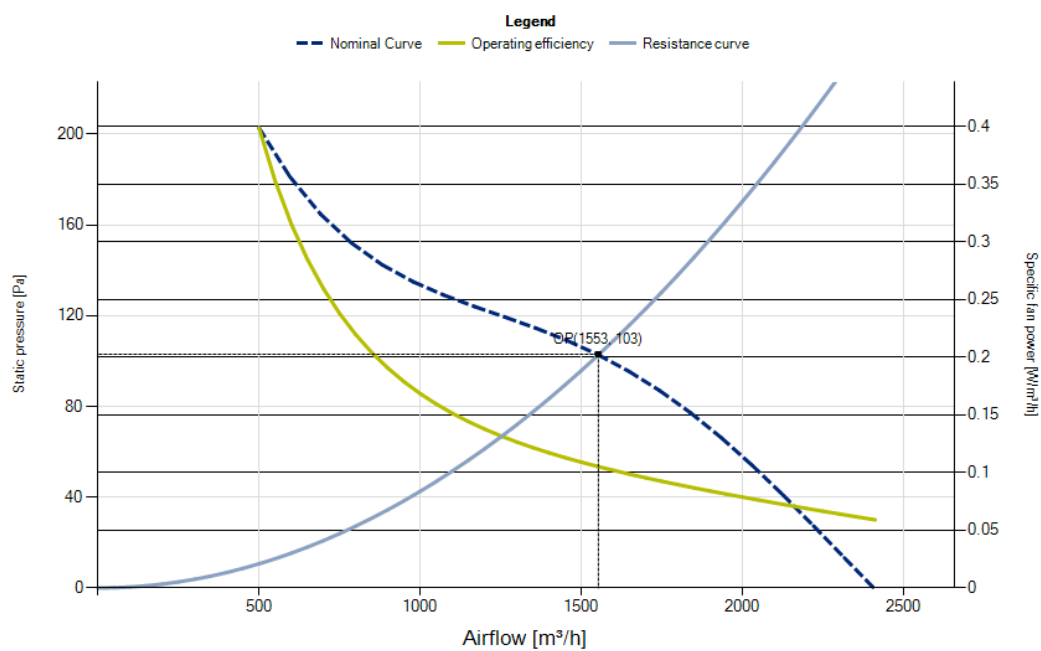
Static pressure







Specific fan power



Overall static efficiency

