

## #1 DATA SHEET

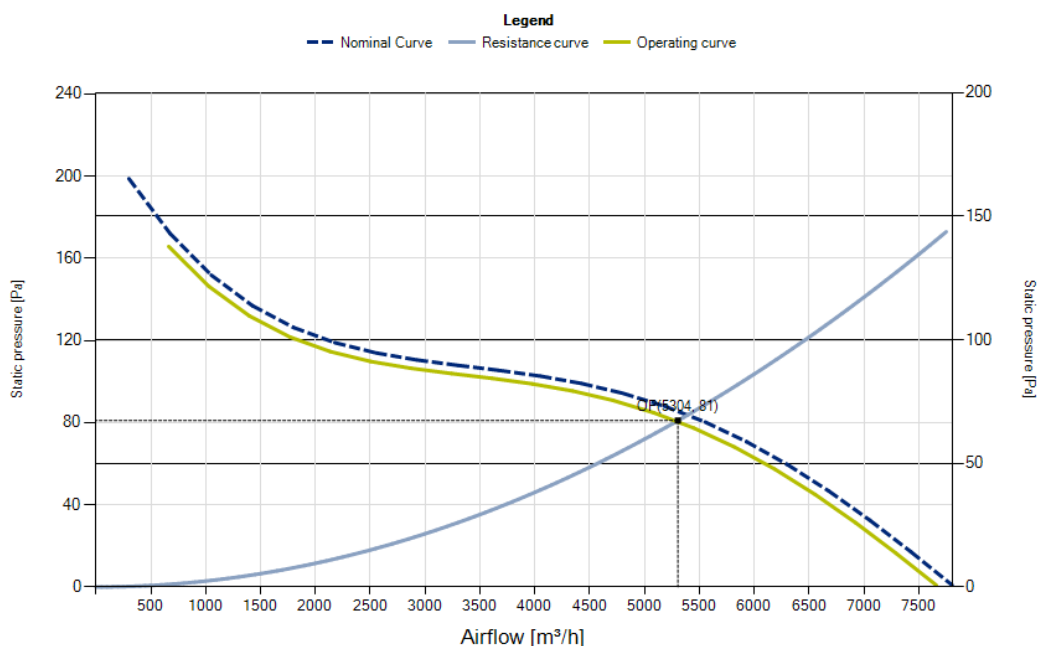
## R10R-56LPS-ES50B-04C10

EC Axial Fans with guard grill for short inlet

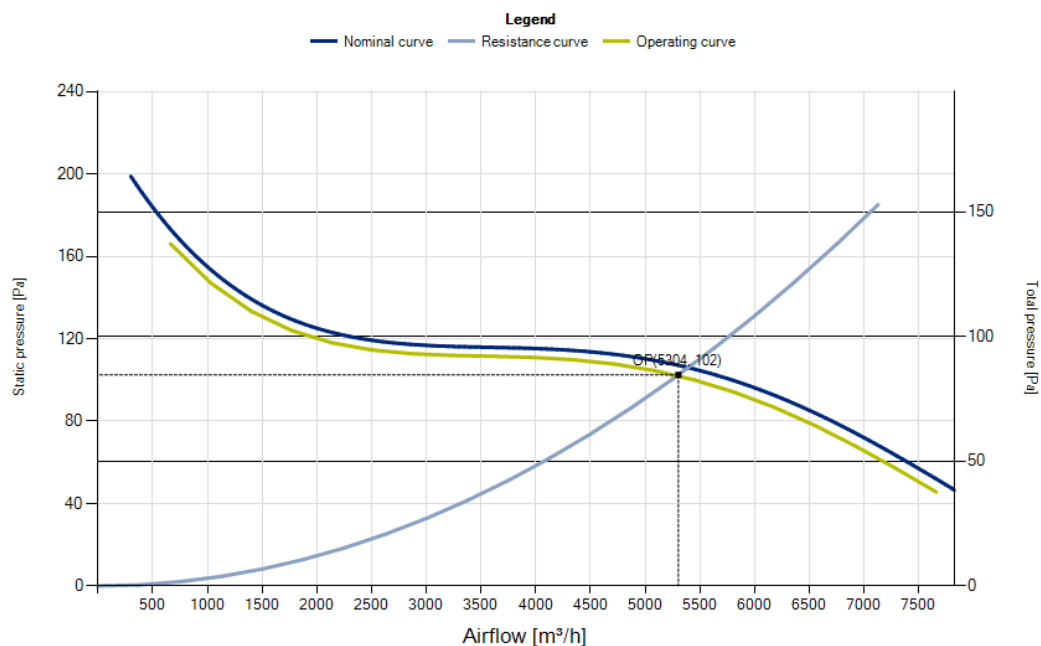
Ordering code: 0310-4-0135

| Operating Point                 |      | Nominal data            |             | Erp Data               |            |
|---------------------------------|------|-------------------------|-------------|------------------------|------------|
| Air flow [m3/h]                 | 5304 | Phase [~]               | 1           | Overall efficiency [%] | 50.8       |
| Static pressure [Pa]            | 81   | Voltage [V]             | 230 / 230   | Measurement cat.       | A          |
| Density [kg/m3]                 | 1.2  | Voltage range [V]       | 200-240     | Efficiency category    | static     |
| Total pressure [Pa]             | 103  | Frequency [Hz]          | 50 / 60     | Efficiency grade N     | 60.7       |
| Rotation speed [1/min]          | 945  | Input power [W]         | 240 / 240   | Variable speed drive   | INTEGRATED |
| Input power [W]                 | 274  | Input current [A]       | 1.68 / 1.68 | Power input [kW]       | 0.28       |
| Current [A]                     | 1.86 | Nominal speed [rpm]     | 950 / 950   | Airflow [m3/h]         | 5304       |
| Total efficiency [%]            | 55   | Min. ambient temp. [°C] | -25         | Pressure drop [Pa]     | 86         |
| Static efficiency [%]           | 44   | Max. ambient temp. [°C] | 60          | Rotational Speed [rpm] | 960        |
| 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]             | 6.0         |                        |            |

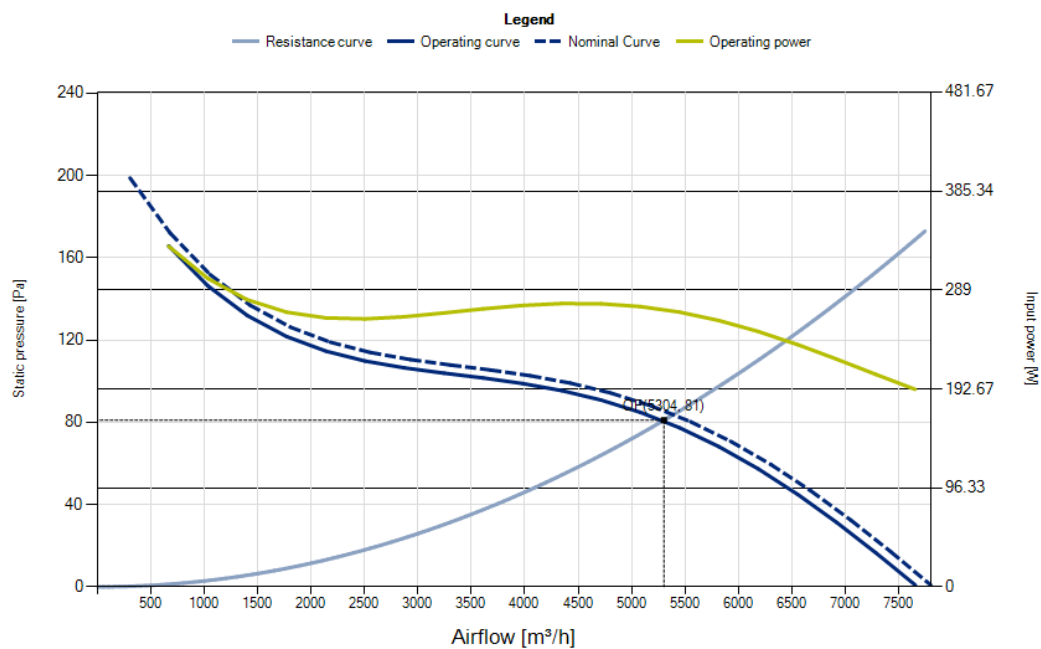
Static pressure

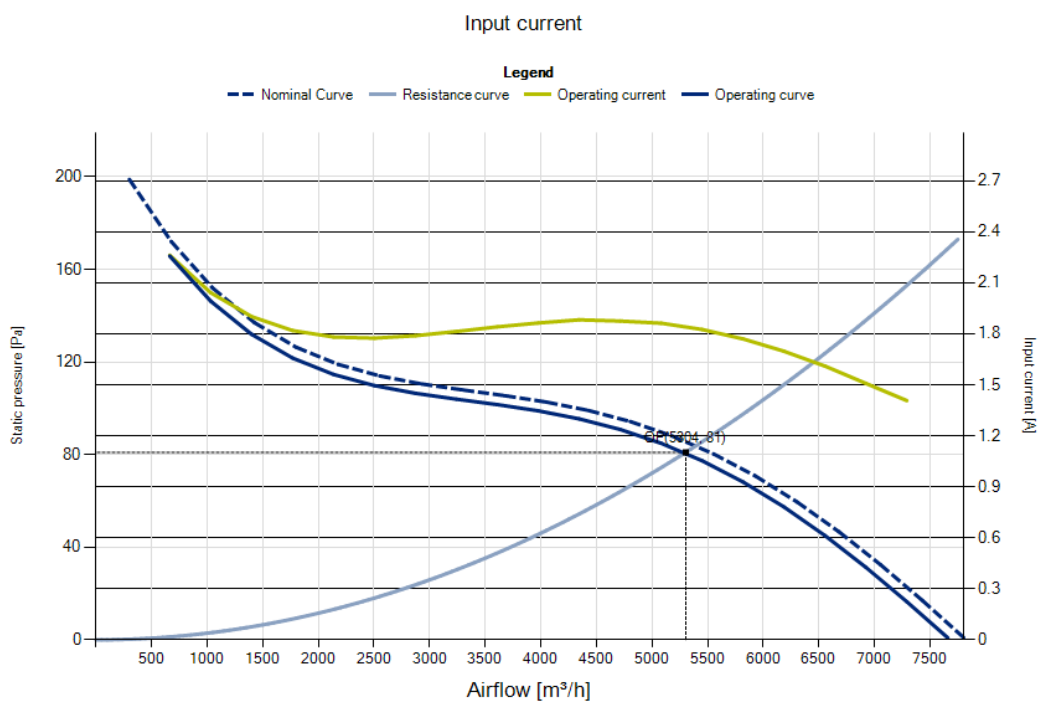
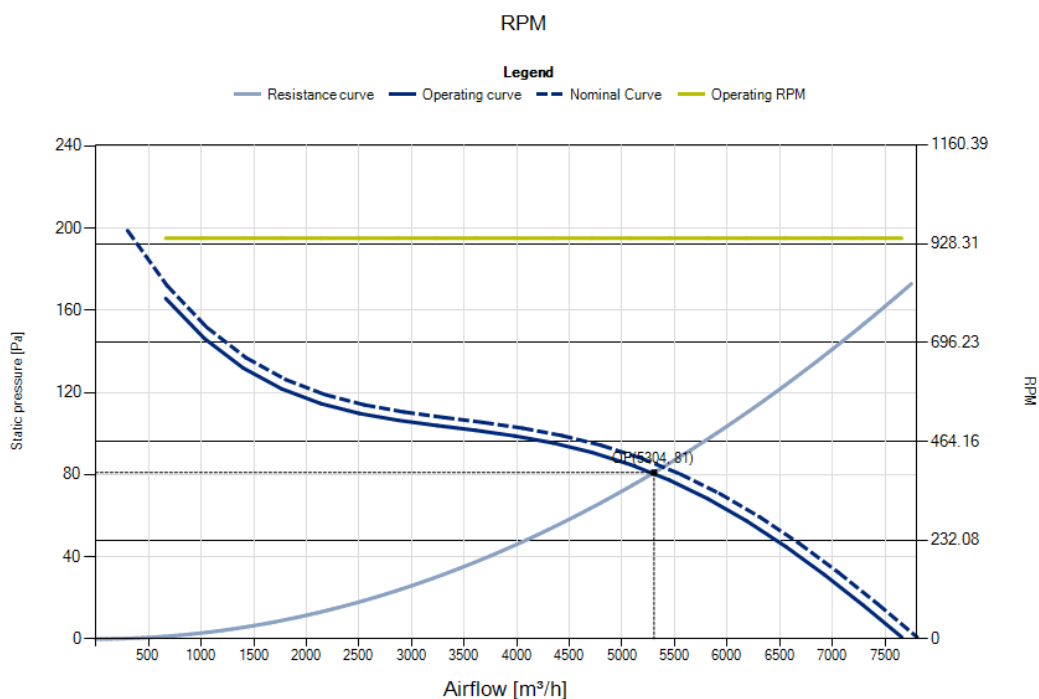


### Total pressure

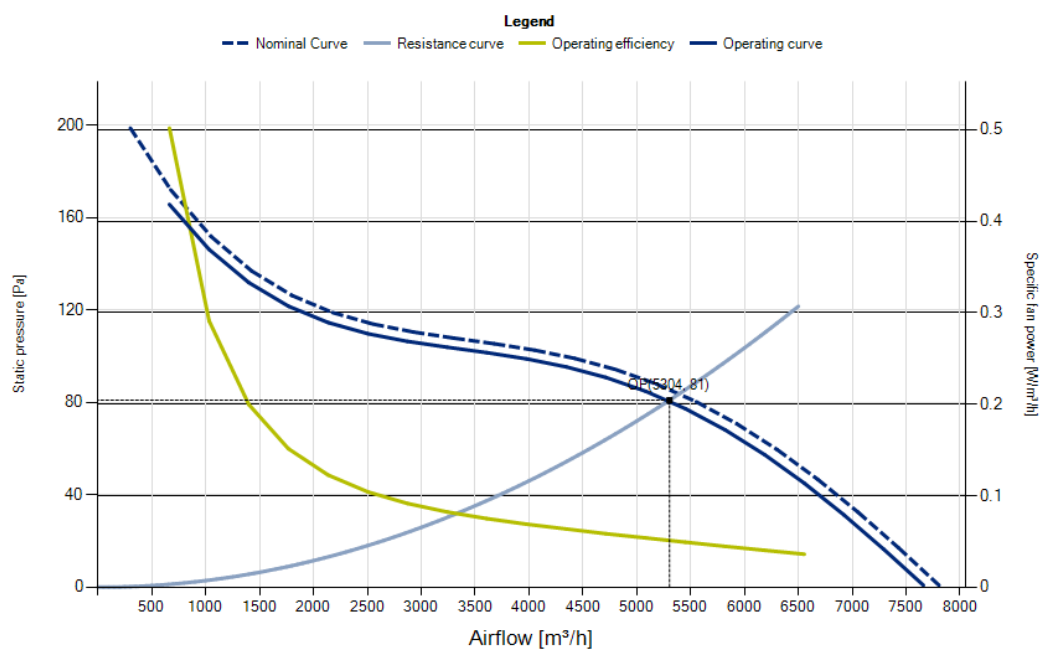


### Input power

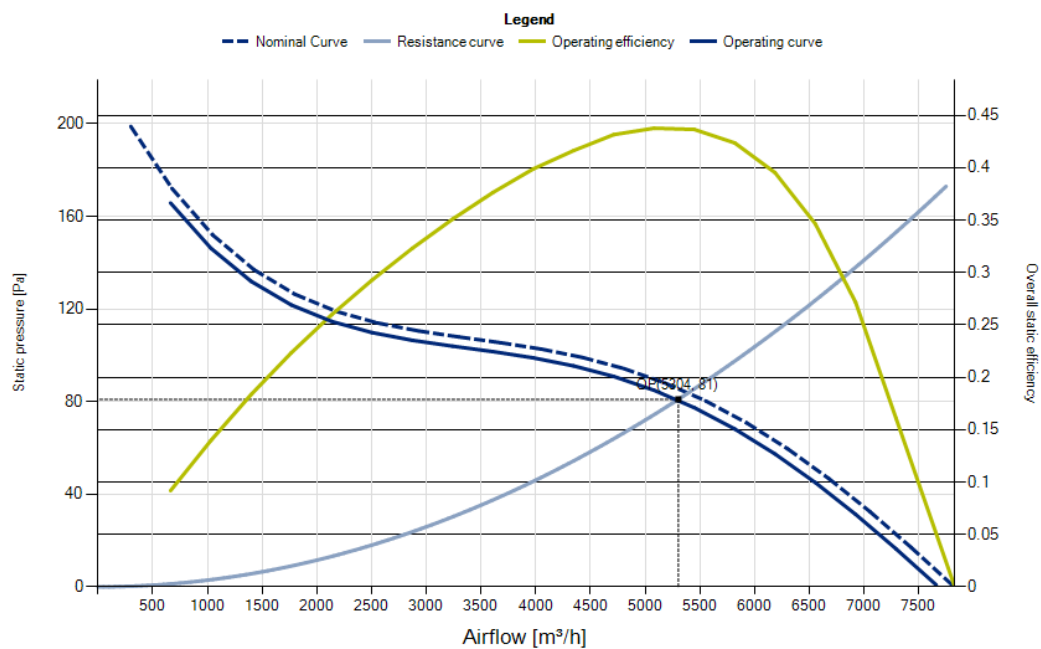




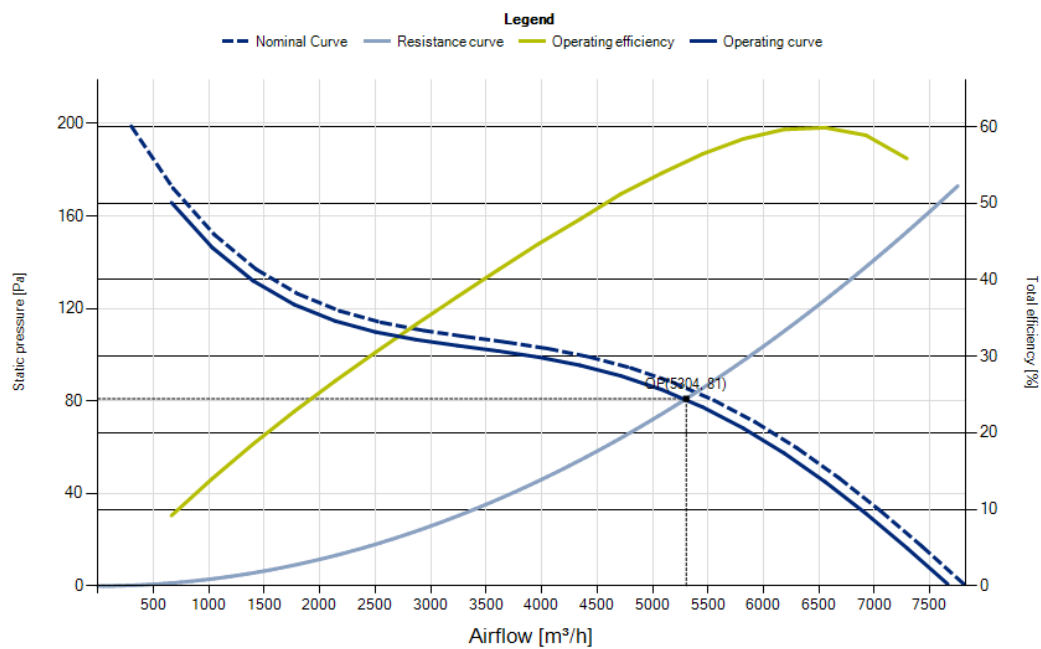
### Specific fan power



### Overall static efficiency



Total efficiency



Static efficiency

