

## #1 DATA SHEET

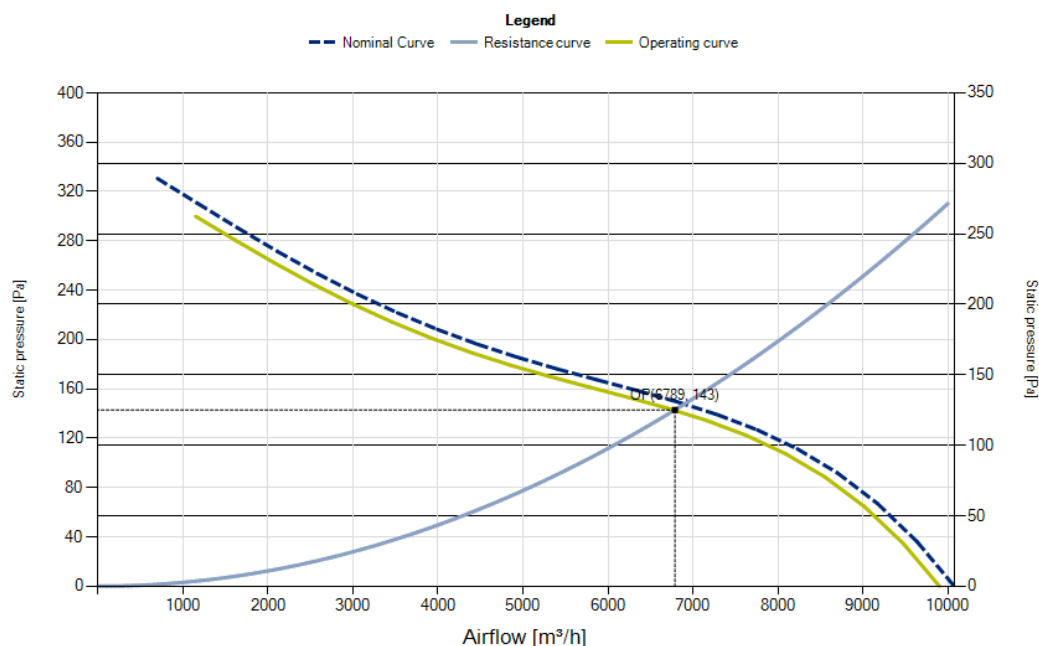
## R14R-56APB-ES60B-13A18

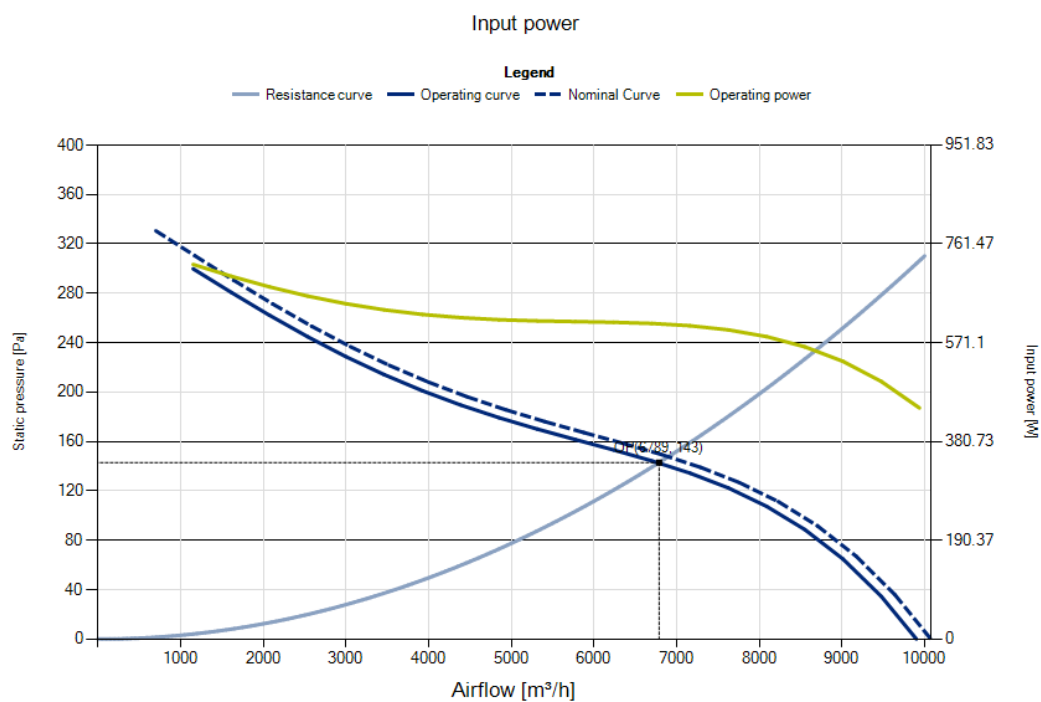
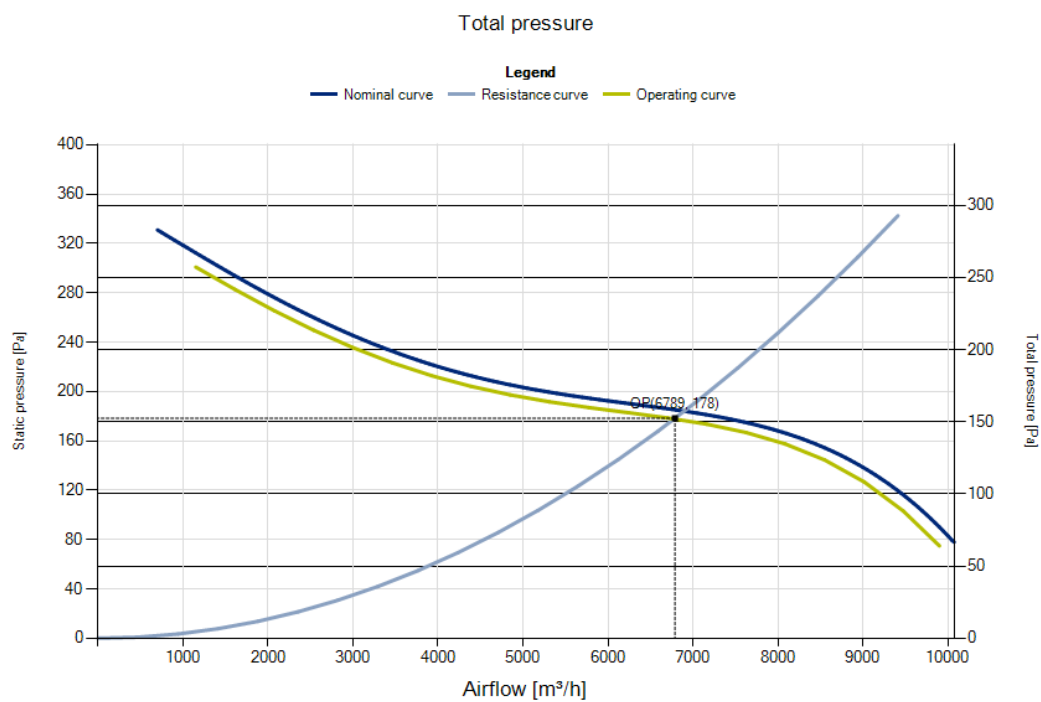
EC Axial Fans with guard grill for short inlet

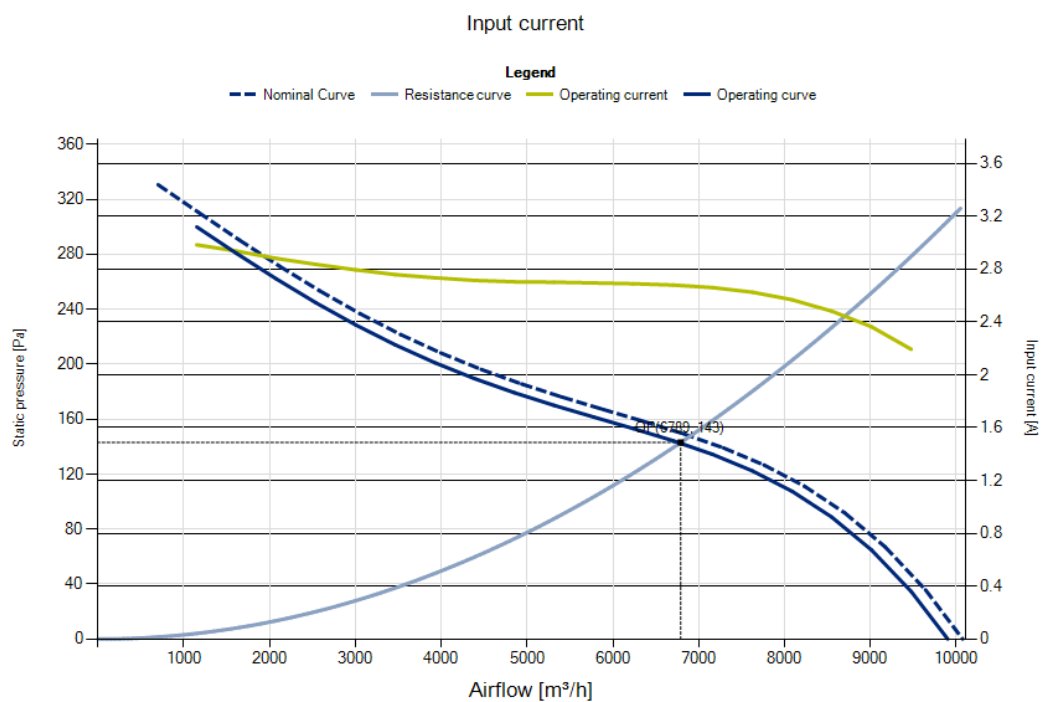
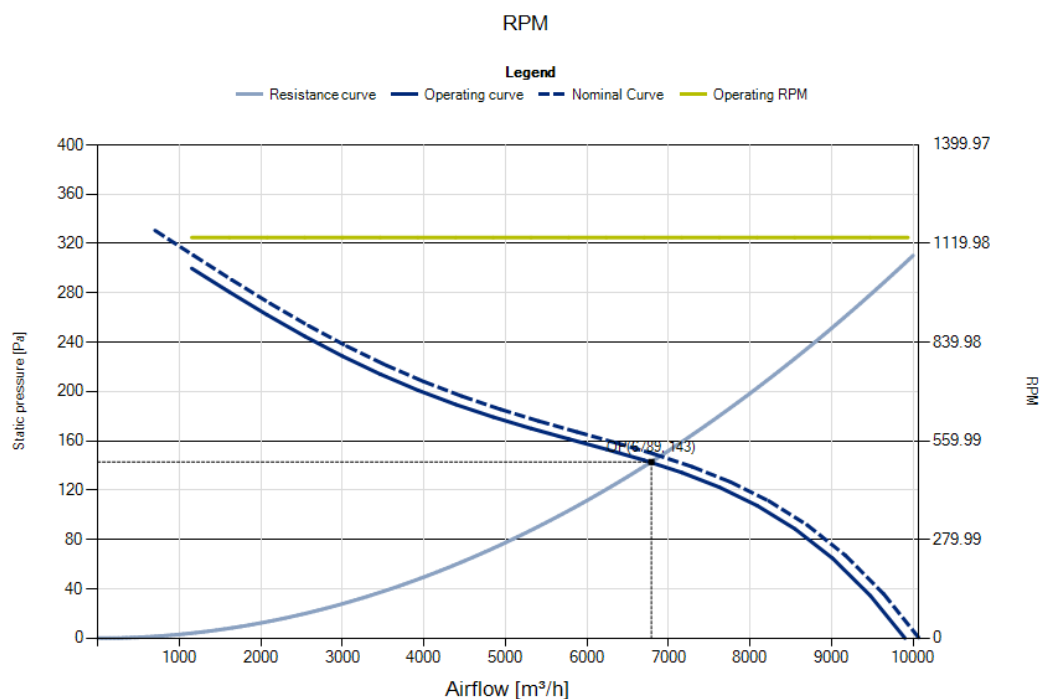
Ordering code: 0314-4-0057

| Operating Point                 |      | Nominal data            |             | Erp Data               |          |
|---------------------------------|------|-------------------------|-------------|------------------------|----------|
| Air flow [m3/h]                 | 6789 | Phase [~]               | 1           | Overall efficiency [%] | 49.7     |
| Static pressure [Pa]            | 143  | Voltage [V]             | 230 / 230   | Measurement cat.       | A        |
| Density [kg/m3]                 | 1.2  | Voltage range [V]       | 200-277     | Efficiency category    | static   |
| Total pressure [Pa]             | 178  | Frequency [Hz]          | 50 / 60     | Efficiency grade N     | 57.3     |
| Rotation speed [1/min]          | 1140 | Input power [W]         | 600 / 600   | Variable speed drive   | ITEGRAED |
| Input power [W]                 | 612  | Input current [A]       | 2.60 / 2.60 | Power input [kW]       | 0.63     |
| Current [A]                     | 2.68 | Nominal speed [rpm]     | 1150 / 1150 | Airflow [m3/h]         | 6789     |
| Total efficiency [%]            | 55   | Min. ambient temp. [°C] | -25         | Pressure drop [Pa]     | 156      |
| Static efficiency [%]           | 44   | Max. ambient temp. [°C] | 60          | Rotational Speed [rpm] | 1161     |
| 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]             | 13.6        |                        |          |

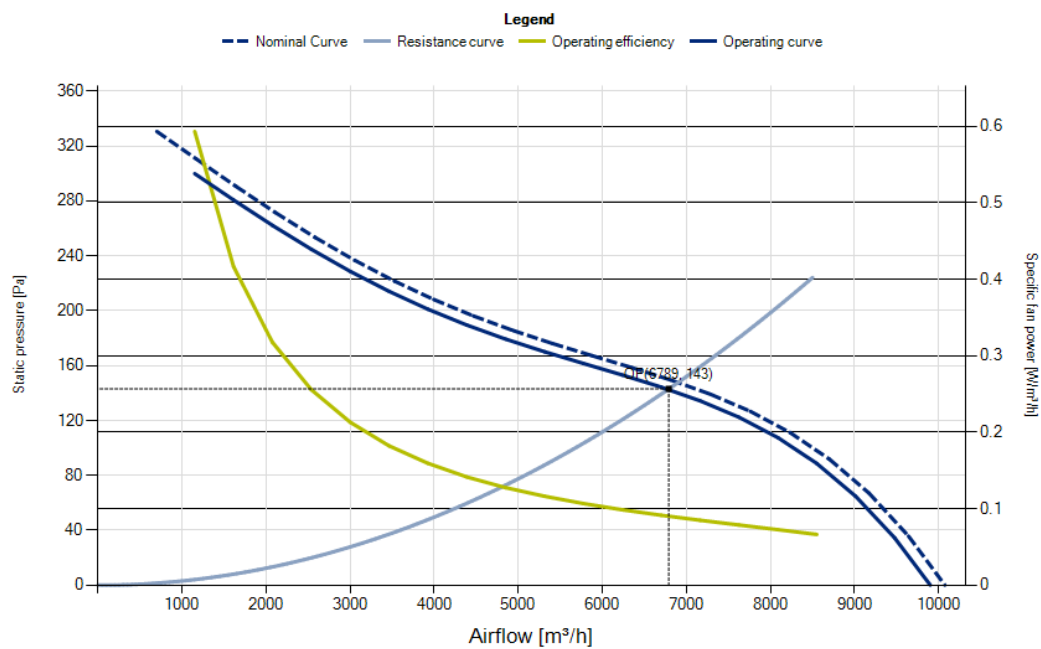
Static pressure



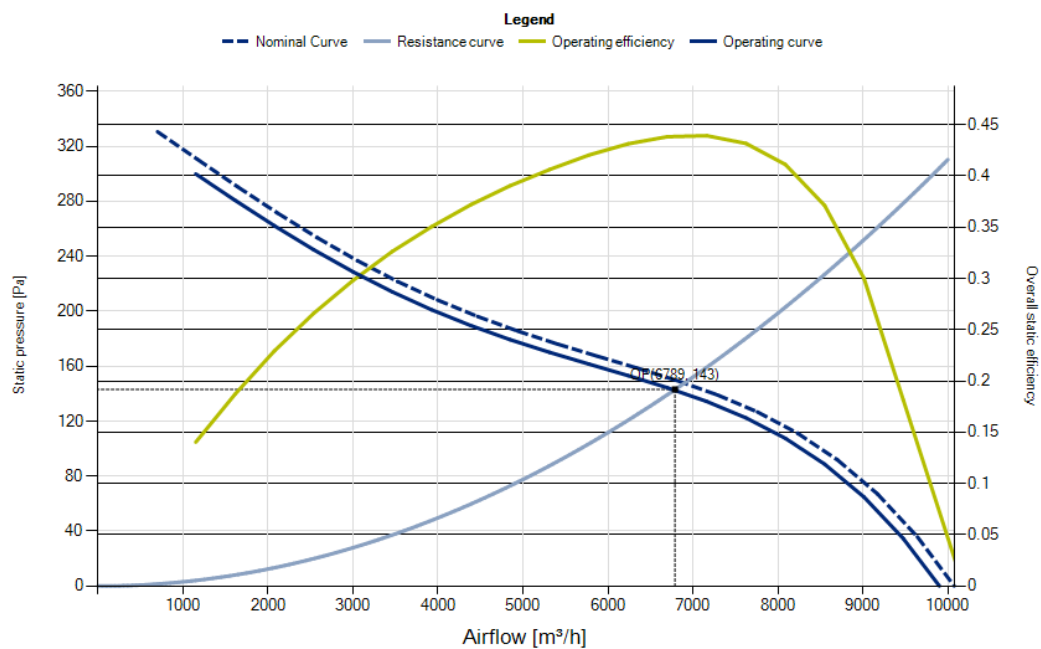




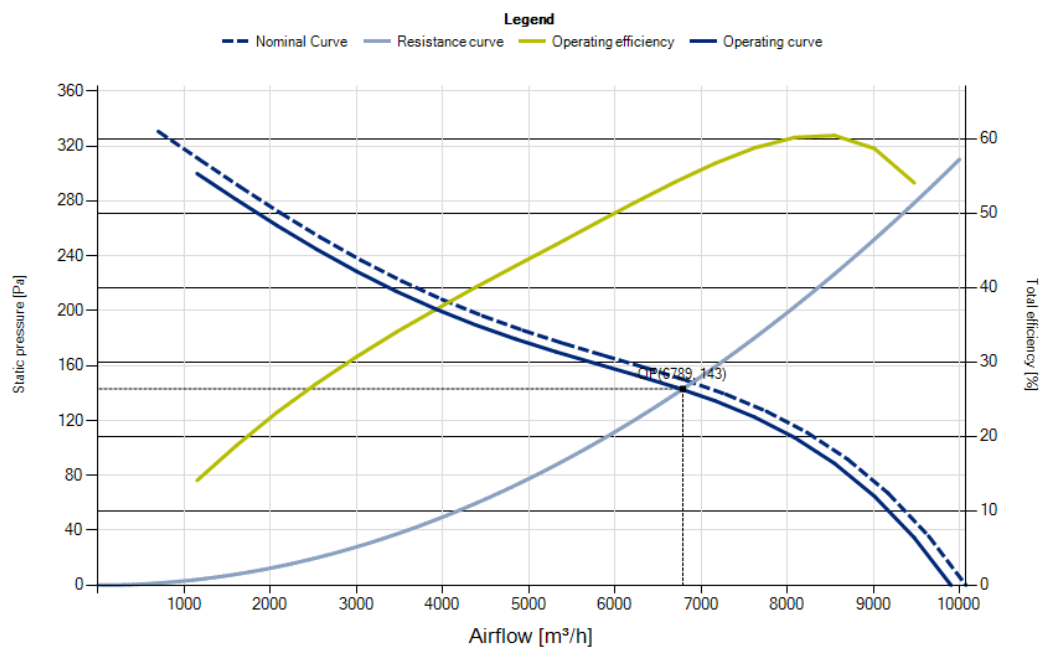
### Specific fan power



### Overall static efficiency



Total efficiency



Static efficiency

