

## #1 DATA SHEET

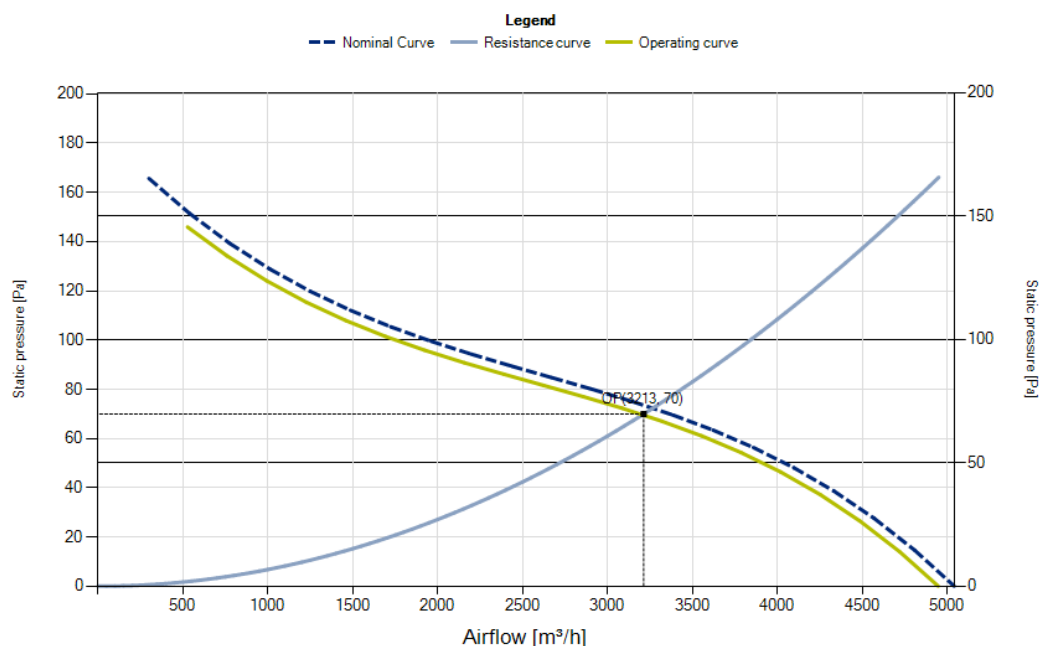
## R10P-45APB-ES35B-01B23

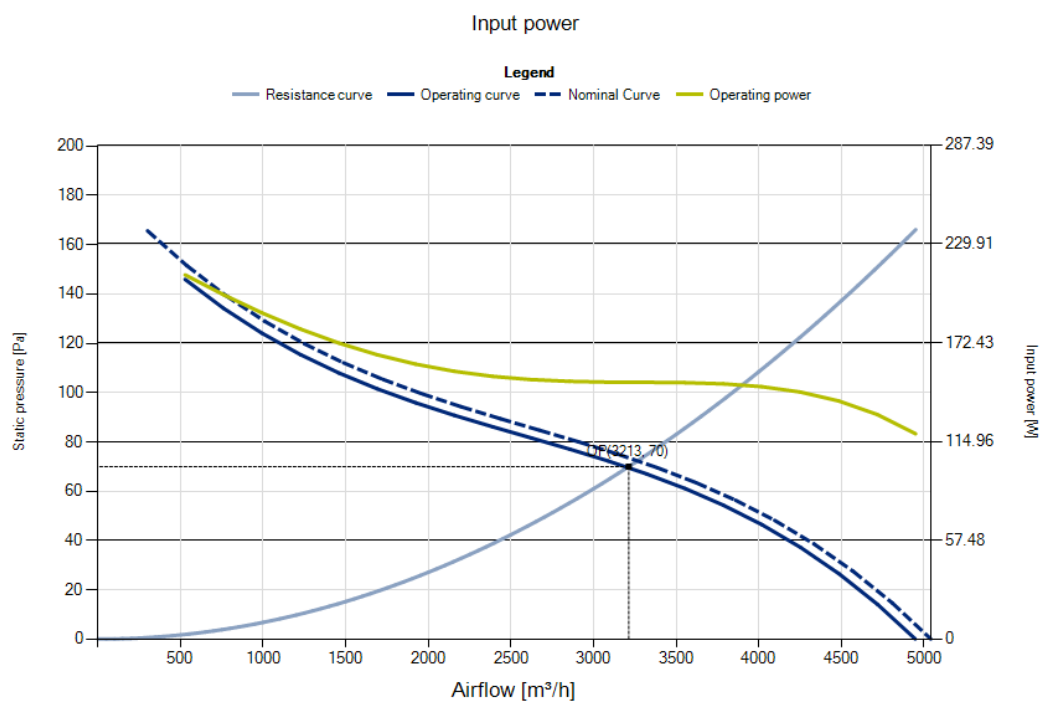
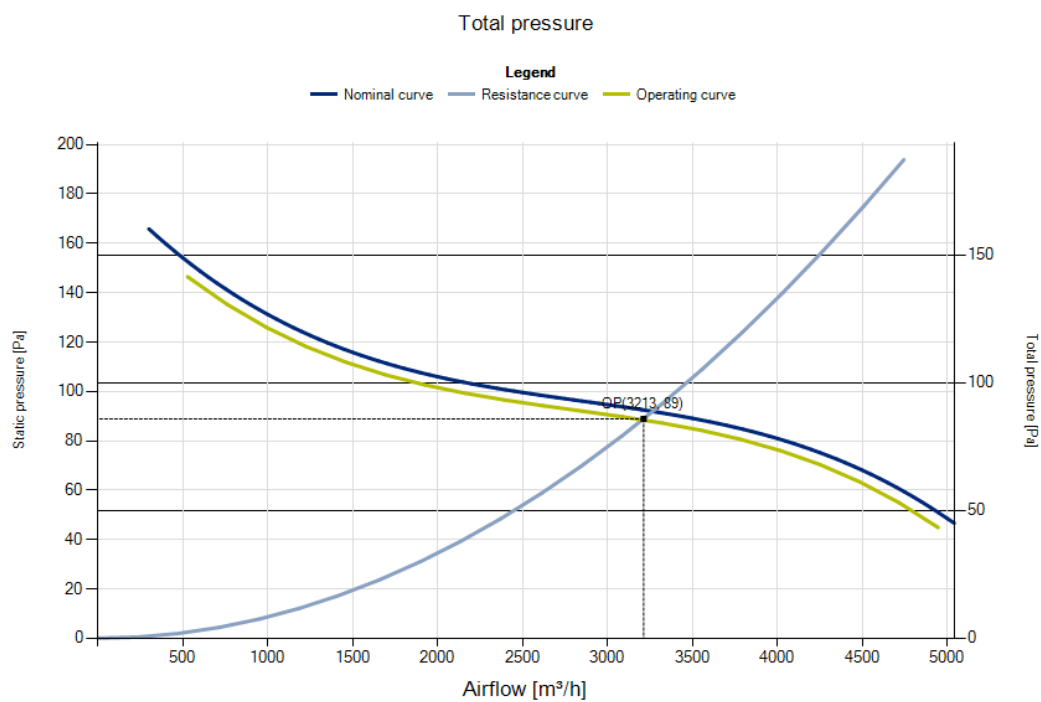
EC Axial Fans with guard grill and wall plate long inlet

Ordering code: 0310-4-0079

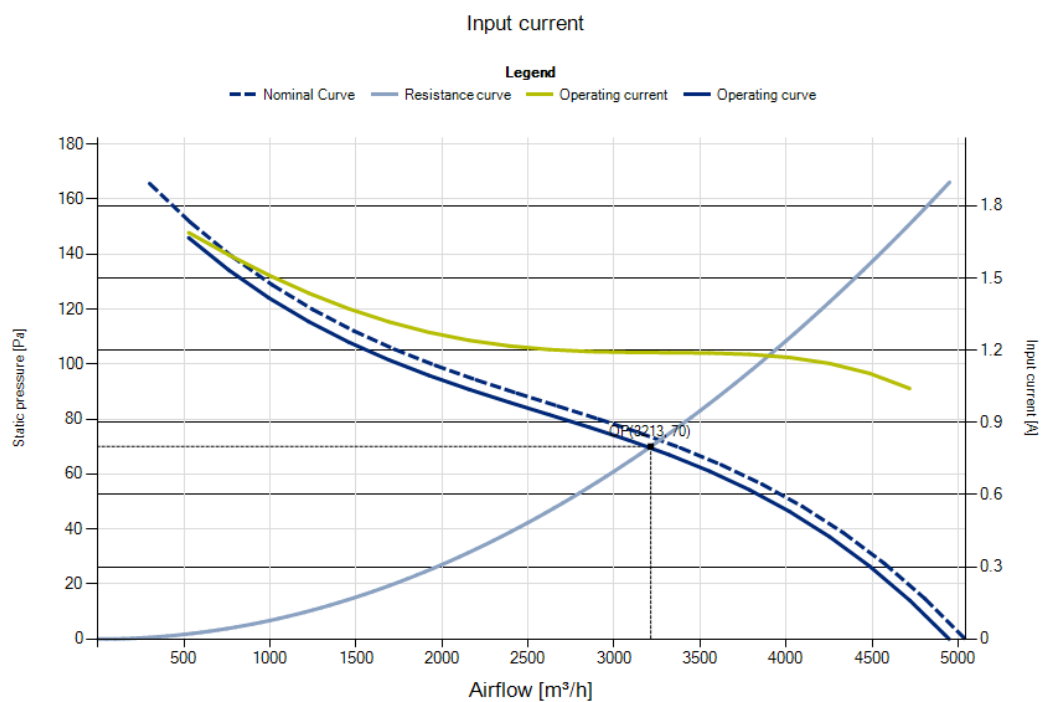
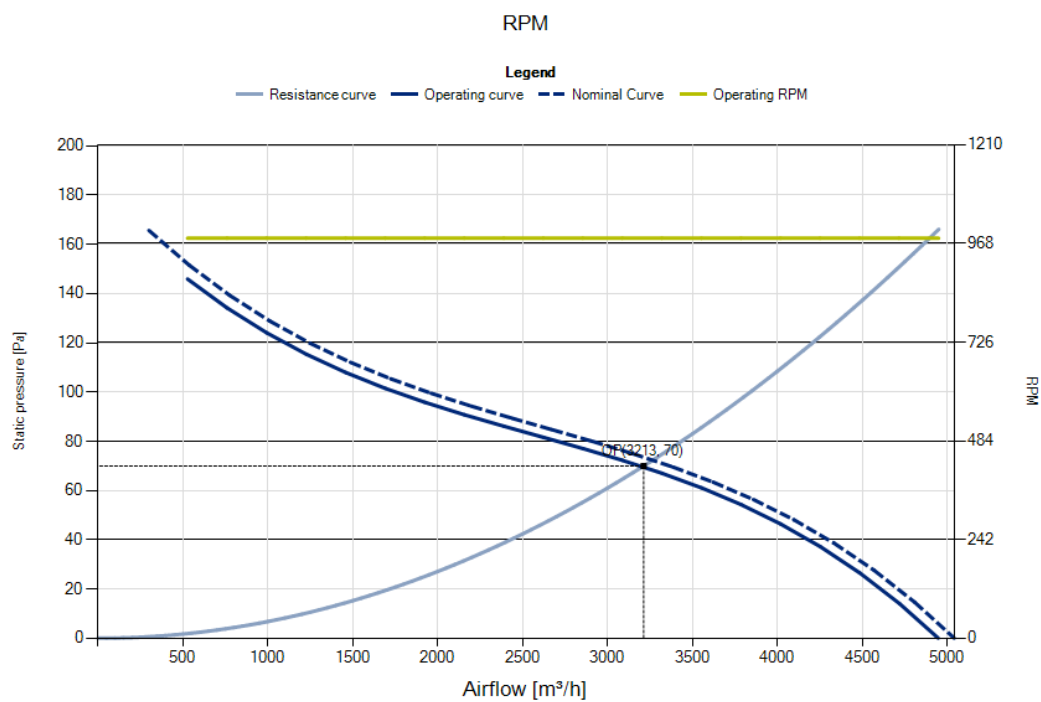
| Operating Point                 |      | Nominal data            |             | Erp Data               |            |
|---------------------------------|------|-------------------------|-------------|------------------------|------------|
| Air flow [m3/h]                 | 3213 | Phase [~]               | 1           | Overall efficiency [%] | 47.4       |
| Static pressure [Pa]            | 70   | Voltage [V]             | 230 / 230   | Measurement cat.       | A          |
| Density [kg/m3]                 | 1.2  | Voltage range [V]       | 230         | Efficiency category    | static     |
| Total pressure [Pa]             | 89   | Frequency [Hz]          | 50 / 60     | Efficiency grade N     | 58.8       |
| Rotation speed [1/min]          | 983  | Input power [W]         | 145 / 145   | Variable speed drive   | INTEGRATED |
| Input power [W]                 | 150  | Input current [A]       | 1.15 / 1.15 | Power input [kW]       | 0.16       |
| Current [A]                     | 1.2  | Nominal speed [rpm]     | 1000 / 1000 | Airflow [m3/h]         | 3213       |
| Total efficiency [%]            | 53   | Min. ambient temp. [°C] | -25         | Pressure drop [Pa]     | 76         |
| Static efficiency [%]           | 41   | Max. ambient temp. [°C] | 55          | Rotational Speed [rpm] | 1008       |
| Sound power [dB]                | 66   | Protection class        | IP54        | Specific ratio         | 1.00       |
| Weighted sound power [dB(A)]    | 65   | Insulation class        | 130         |                        |            |
| Sound pressure [dB]             | 55   | Capacitor [μF/450V]     | N / A       |                        |            |
| Weighted sound pressure [dB(A)] | 54   | K. Value                | N / A       |                        |            |
|                                 |      | Connection              | N / A       |                        |            |
|                                 |      | Weight [Kg]             | 9.1         |                        |            |

Static pressure

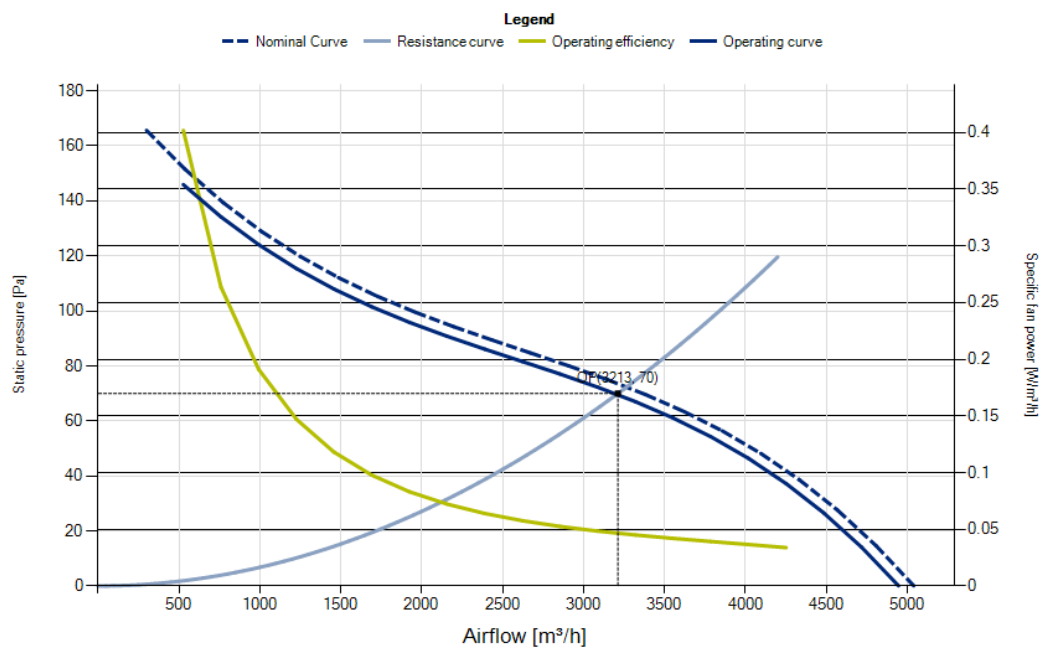




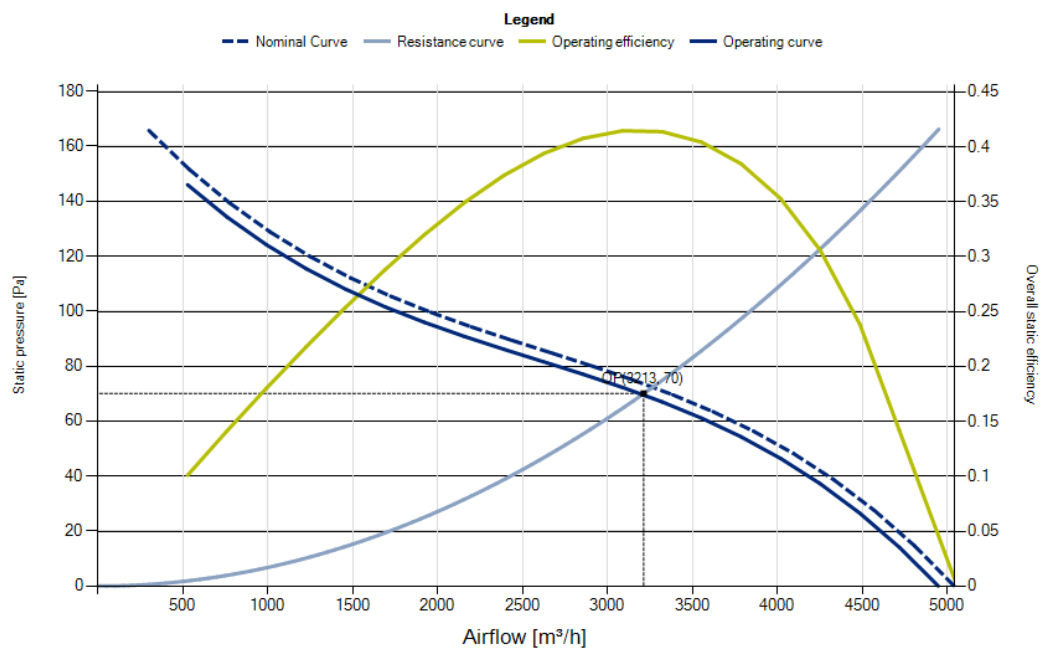
Hidria d.o.o., subsidiary Spodnja Idrija Spodnja Kanonjka 23, Slovenia, T: +386 5375 6000, E: [sales.movent@hidria.com](mailto:sales.movent@hidria.com)



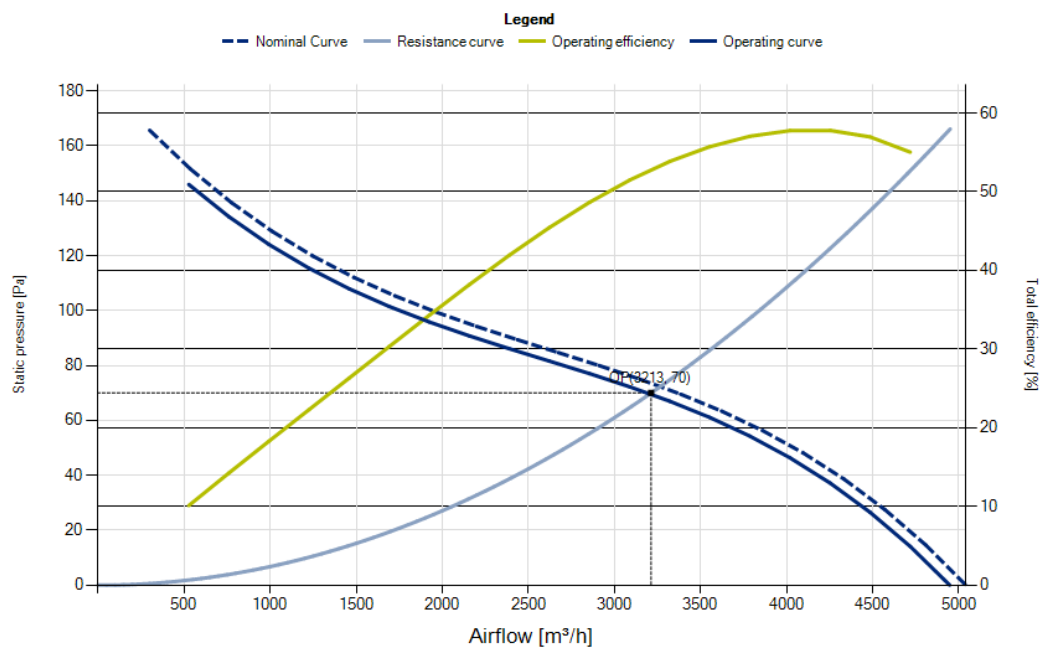
### Specific fan power



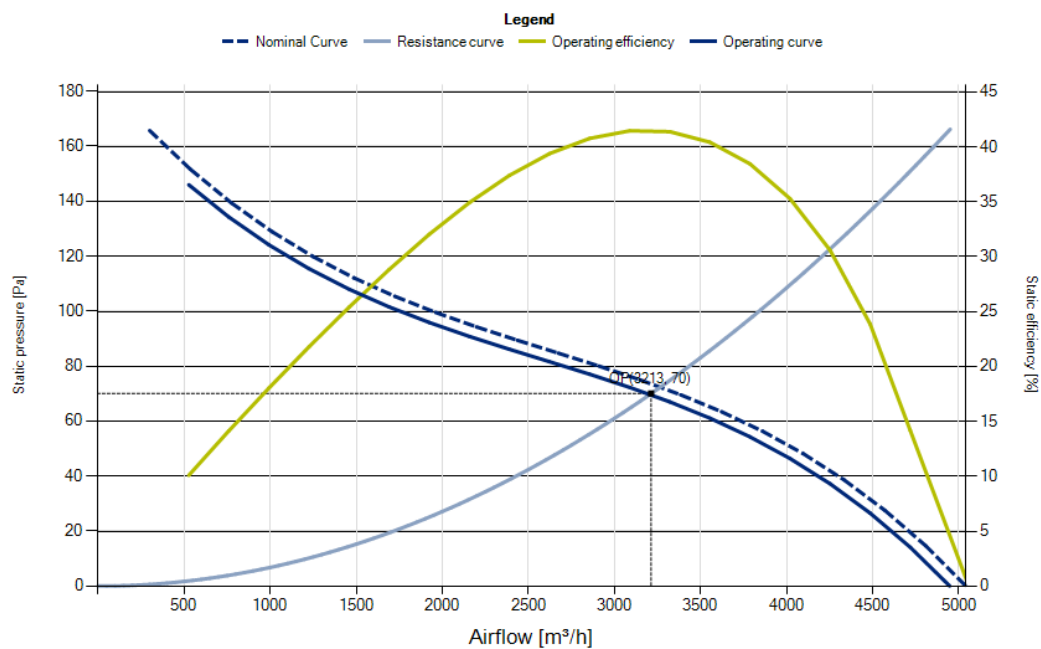
### Overall static efficiency



Total efficiency



Static efficiency



Weighted octave sound power spectrum

