

Technical data

ESM 23 - ESM 29 - Fixed Speed Screw Compressors

| Gardner Denver model | Nominal pressure | Drive motor | FAD ¹⁾ | Noise level ²⁾ , 1m | Weight | Dimensions |
|----------------------|------------------|-------------|---------------------|--------------------------------|--------|-------------------|
| | bar g | kW | m ³ /min | dB(A) | kg | L x W x H mm |
| ESM 23 | 7.5 | 22 | 4.16 | 67 | 650 | 1345 x 880 x 1612 |
| | 10 | | 3.46 | | | |
| | 13 | | 2.99 | | | |
| ESM 26 | 7.5 | 26 | 4.48 | 68 | 677 | 1345 x 880 x 1612 |
| | 10 | | 4.14 | | | |
| | 13 | | 3.44 | | | |
| ESM 29 | 7.5 | 30 | 5.52 | 69 | 681 | 1345 x 880 x 1612 |
| | 10 | | 4.82 | | | |
| | 13 | | 4.12 | | | |

ESM 23 F - ESM 29 F - Fixed Speed Screw Compressors with Integrated Dryer

| Gardner Denver model | Pressure dew point ³⁾ | Weight | Dimensions |
|----------------------|----------------------------------|--------|-------------------|
| | °C | kg | L x W x H mm |
| ESM 23 F | 5 | 840 | 1675 x 880 x 1612 |
| ESM 26 F | 5 | 867 | 1675 x 880 x 1612 |
| ESM 29 F | 5 | 871 | 1675 x 880 x 1612 |

VS 23 - VS 29 - Variable Speed Screw Compressors

| Gardner Denver model | Min - Max Pressure | Drive motor | FAD ¹⁾ at 7.5 bar g | FAD ¹⁾ at 10 bar g | FAD ¹⁾ at 13 bar g | Noise level at 100% load ²⁾ , 1m | Weight | Dimensions |
|----------------------|--------------------|-------------|--------------------------------|-------------------------------|-------------------------------|---|--------|-------------------|
| | bar g | kW | m ³ /min | m ³ /min | m ³ /min | dB(A) | kg | L x W x H mm |
| VS 23 | 5 - 13 | 22 | 1.12 - 4.13 | 1.06 - 3.74 | 1.24 - 3.10 | 70 | 681 | 1345 x 880 x 1612 |
| VS 26 | 5 - 13 | 26 | 1.12 - 4.79 | 1.06 - 4.36 | 0.96 - 3.74 | 71 | 708 | 1345 x 880 x 1612 |
| VS 29 | 5 - 13 | 30 | 1.12 - 5.42 | 1.06 - 4.86 | 0.96 - 4.05 | 72 | 712 | 1345 x 880 x 1612 |

VS 23 F - VS 29 F - Variable Speed Screw Compressors with Integrated Dryer

| Gardner Denver model | Pressure dew point ³⁾ | Weight | Dimensions |
|----------------------|----------------------------------|--------|-------------------|
| | °C | kg | L x W x H mm |
| VS 23 F | 5 | 871 | 1675 x 880 x 1612 |
| VS 26 F | 5 | 898 | 1675 x 880 x 1612 |
| VS 29 F | 5 | 902 | 1675 x 880 x 1612 |

¹⁾ Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions and the following working pressures are used: 7.5 bar models at 7 bar, 10 bar models at 9 bar and 13 bar models at 12 bar. Air Intake Pressure 1 bar a. Air Intake Temperature 20°C. Humidity 0 % (Dry)

²⁾ Measured in free field conditions in accordance with ISO 2151, tolerance +/- 3 dB

³⁾ Data refer to ISO 7183, working pressure of 7 bar, inlet temperature 35°C and ambient temperature 25°C