

# Technical data

## ESM 160 - 290 - Fixed Speed Screw Compressors

Gardner Denver model	Nominal pressure	Drive motor	FAD <sup>1)</sup>	Noise level <sup>2)</sup>	Weight	Dimensions
	bar g	kW	m <sup>3</sup> /min	dB(A)	kg	L x W x H mm
ESM 160	7.5	160	32.04	76	4186	2907 x 2071 x 2193
	10	160	28.20	76	4186	2907 x 2071 x 2193
	13	160	23.91	76	4186	2907 x 2071 x 2193
ESM 200	7.5	200	39.23	77	4415	2907 x 2071 x 2193
	10	200	34.85	77	4415	2907 x 2071 x 2193
	13	200	29.38	77	4415	2907 x 2071 x 2193
ESM 250	7.5	250	42.03	78	4625	2907 x 2071 x 2193
	10	250	37.01	78	4625	2907 x 2071 x 2193
	13	250	32.64	78	4625	2907 x 2071 x 2193
ESM 290	7.5	250	47.10	79	4650	2907 x 2071 x 2193
	10	250	41.53	79	4650	2907 x 2071 x 2193
	13	250	36.44	79	4650	2907 x 2071 x 2193

## VS 160 - 290 - Variable Speed Screw Compressors

Gardner Denver model	Nominal pressure	Drive motor	FAD <sup>1)</sup>	Noise level at 70% load <sup>2)</sup>	Weight	Dimensions
	bar g	kW	m <sup>3</sup> /min	dB(A)	kg	L x W x H mm
VS 160	5 - 13	160	6.54 - 32.33	75	4378	2907 x 2071 x 2193
VS 200	5 - 13	200	5.99 - 39.44	77	4573	2907 x 2071 x 2193
VS 250	5 - 13	250	5.83 - 42.80	78	4669	2907 x 2071 x 2193
VS 290	5 - 13	250	5.87 - 47.02	79	4684	2907 x 2071 x 2193

<sup>1)</sup> Data measured and stated in accordance with ISO 1217, Edition 4, Annex C and Annex E and the following conditions:  
Air Intake Pressure 1 bar a, Air Intake Temperature 20°C, Humidity 0 % (Dry).

<sup>2)</sup> Measured in free field conditions in accordance with ISO 2151, tolerance ± 3dB (A).