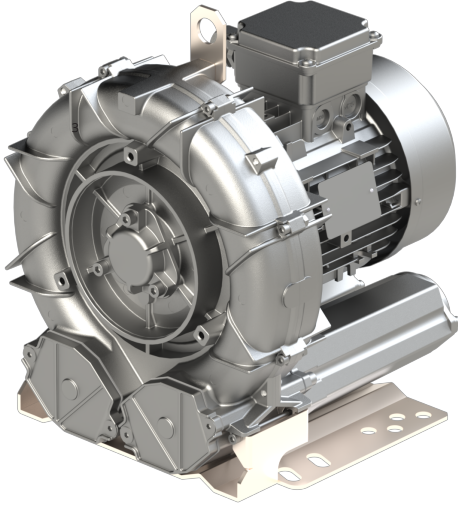




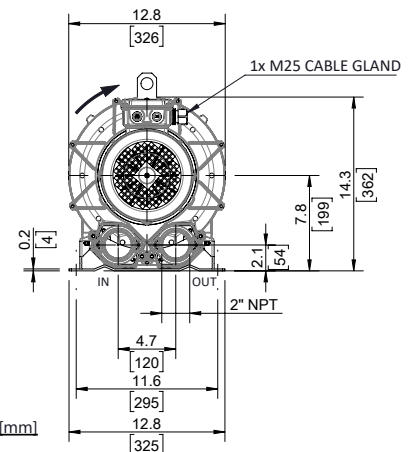
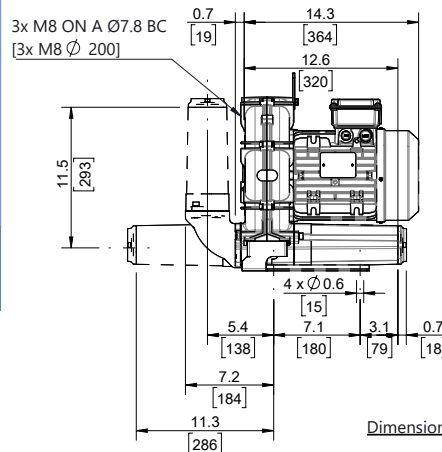
e05-MS

Evolution Series Technical Characteristics

- Premium efficient motor
- High efficiency impeller
- Mountable in any position
- Maintenance free operation
- TEFC (IP55)

Optional Features

- Anodized aluminum components for corrosion resistance
- Increased sealing



Technical Specifications

Model No.	HP	Hz	Open Flow (cfm)	Max Pressure in. H ₂ O	Max Vacuum in. H ₂ O	Efficiency	Voltage	FLA	Starting Current Ratio ¹	dB(A) ²	Weight (lb)
SCL e05-MS-2-3	2	60	187	50	50	85.5%	208-230/460	5.77-5.74/2.87	9.4	72	60
		50	155	70	70	84.2%	200/400	6.58/3.29		65	
SCL e05-MS-2-3-575	2	60	187	50	50	85.5%	575	2.14	9.4	72	60
SCL e05-MS-2-115/230	2	60	187	50	50	70.0%	115/208-230	19.7/10.6-9.9	5.3	72	60
SCL e05-MS-3-3	3	60	187	90	80	86.5%	208-230/460	8.27-8.31/4.15	10.7	72	62
		50	155	110	90	85.9%	200/400	9.6/4.8		72	
SCL e05-MS-3-3-575	3	60	187	90	80	86.5%	575	3.0	9.7	72	62
SCL e05-MS-3-115/230	3	60	187	90	80	75.0%	115/208-230	29.4/16.6-14.8	4.1	72	62
SCL e05-MS-4-3	4	60	187	120	110	88.5%	208-230/460	10.9-11.1/5.53	11		78
		50	155	120	-	87.1%	200/400	12.86/6.38		65	
SCL e05-MS-4-3-575	4	60	187	120	110	88.5%	575	3.94	10.1	72	78

Motors include normally closed thermal protector, 1.15 S.F. (60 Hz), tropicalized windings, Class F insulation. 3-phase motors are suitable for use with a VFD (Contact FPZ for pneumatic and speed limits when used with a VFD).

¹Starting current ratio x fla = starting current

²Noise level measured at a distance of 1 m with inlet and outlet ports piped in accordance to ISO 3744

Data is subject to change without notice.

Recommended Accessories

Description	Pressure Safety Valve	Vacuum Safety Valve	Pressure Filter	Vacuum Filter	Check Valve
Part Number	VRL6 ³	VRL6 ³	FS-31P-200	CSL-851-200C	CV20

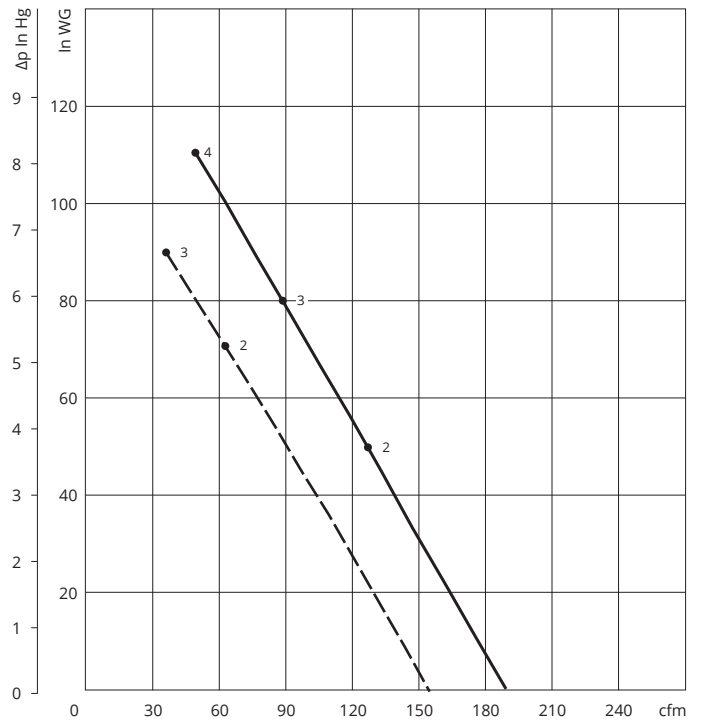
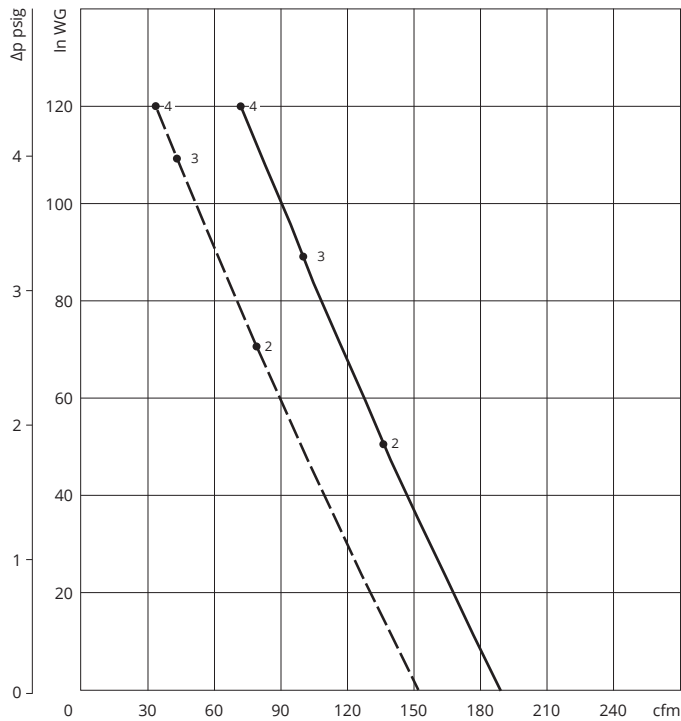
³Valve selections are based on 60 Hz and standard air. Valves are supplied uncalibrated. Safety valves are easy to calibrate, but can be ordered with factory calibration.



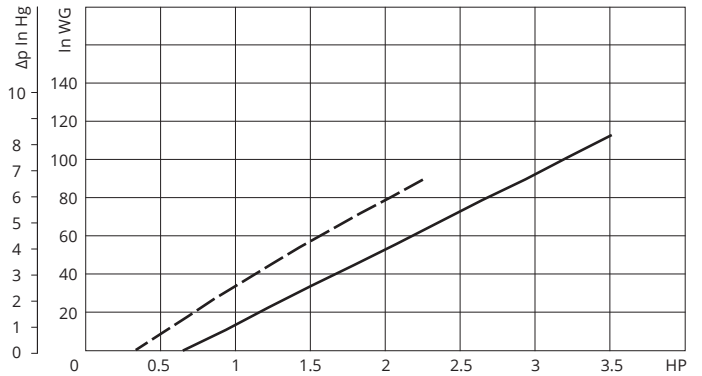
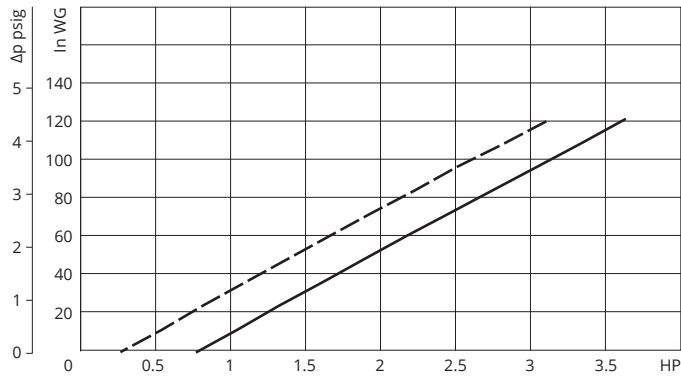
PRESSURE

VACUUM

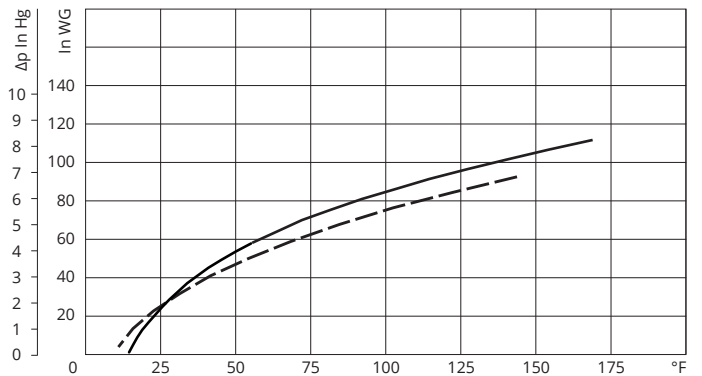
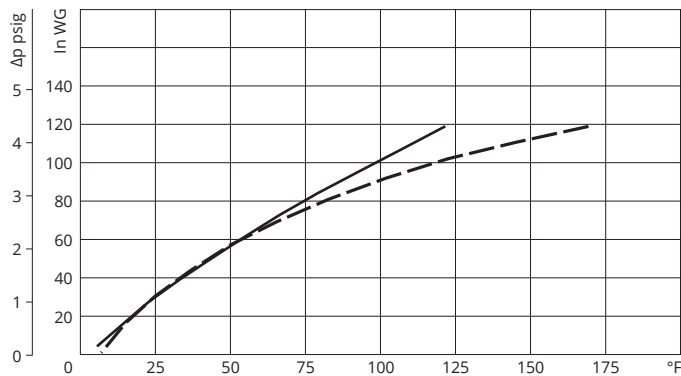
CAPACITY



ABSORBED POWER



TEMPERATURE INCREASE



Curves refer to air at 68°F temperature and 29.92 In Hg atmospheric pressure (abs) measured at inlet port.
Values for flow, power consumption and temperature rise: +/-10% tolerance.
Data subject to change without notice.

KEY

--- 50 Hz
— 60 Hz