

# Sirio 18.5 - 22

## Construction features and advantages:

- These compressors are entirely designed and manufactured so that they function as an integral whole with the maximum efficiency.
- All most important components of the compressor are machined internally with highly innovative process controlled machines: this allows full control on the production cycle and over the total quality of the complete compressor.
- The cooling air flow, channeled by the thermostatically controlled fan, cools down an oversized combined oil/air heat exchanger: this permits the compressor run in severe temperature conditions.
- The wide front and rear panels grants ease of access, reducing inspection and maintenance time.
- Available with dryer.
- 22 kW model (Sirio 22 VS) is also available with Variable Speed.



■ SIRIO 22-10

### Dryer module

Sirio 18.5 and 22 models with dryer module provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of your products.



FS50 TF

Air-end entirely designed and made in Italy, just as the intake regulator, separator block with minimum pressure/check valve and thermostatic valve.



■ SIRIO 22-10ES

# 18.5-22 kW (25-30 HP)

Model	Code	Motor Power		Air delivered (for VS models the data refer to max. / min. values)			Working pressure		Noise level	Connec- tion	Weight		Dimensions
		kW	HP	l/min.	m <sup>3</sup> /h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
SIRIO 18.5-08	V60QA92N1N764	18.5	25	2800	168	99	8	116	66	3/4"	350	774	135x80x113
SIRIO 18.5-10	V60QB92N1N764	18.5	25	2500	150	88	10	145	66	3/4"	350	774	135x80x113
SIRIO 18.5-13	V60QC92N1N764	18.5	25	2150	129	76	13	188	66	3/4"	350	774	135x80x113
SIRIO 22-08	V60QD92N1N764	22	30	3400	204	120	8	116	68	3/4"	380	840	135x80x113
SIRIO 22-10	V60QE92N1N764	22	30	3000	180	106	10	145	68	3/4"	380	840	135x80x113
SIRIO 22-13	V60QF92N1N764	22	30	2400	144	85	13	188	68	3/4"	380	840	135x80x113
<b>With dryer</b>													
SIRIO 18.5-08 ES	V60QA92N1N864	18.5	25	2800	168	99	8	116	66	3/4"	400	883	169x80x113
SIRIO 18.5-10 ES	V60QB92N1N864	18.5	25	2500	150	88	10	145	66	3/4"	400	883	169x80x113
SIRIO 18.5-13 ES	V60QC92N1N864	18.5	25	2150	129	76	13	188	66	3/4"	400	883	169x80x113
SIRIO 22-08 ES	V60QD92N1N864	22	30	3400	204	120	8	116	68	3/4"	430	949	169x80x113
SIRIO 22-10 ES	V60QE92N1N864	22	30	3000	180	106	10	145	68	3/4"	430	949	169x80x113
SIRIO 22-13 ES	V60QF92N1N864	22	30	2400	144	85	13	188	68	3/4"	430	949	169x80x113
<b>Variable Speed</b>													
SIRIO 22-08 VS	V60QD97N1N764	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	390	861	135x80x113
SIRIO 22-10 VS	V60QE97N1N764	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	390	861	135x80x113
SIRIO 22-08 ES VS	V60QD97N1N864	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	440	971	169x80x113
SIRIO 22-10 ES VS	V60QE97N1N864	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	440	971	169x80x113

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



### ETIV electronic controller

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.



### Belt-driven transmission

Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.



### Minimum pressure valve

Built with oxide free material, fully machined. An ideal technical solution to provide maximum reliability in any operating conditions.



### Intake regulator

Normally closed electropneumatic system. It adjusts compressor operation, guaranteeing the minimum pressure necessary during idle running and maximum energy saving at start-up, streamlining the energy cost/air generated ratio.



### Cooling system

The axial fan ensures the ideal operating temperature, even in extreme working conditions. All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperature.



### Prefiling panel

The ventilation circuit is completed by a cabinet prefiling panel (standard on every model) that separates the incoming dusts.