

## 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 (NKC-SI 22 VS) is also available with Variable Speed.



■ NKC-SI 22-10

**Dryer module**  
NKC-SI 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.



■ NKC-SI 22-10 ES

## 18.5 - 22 kW (25 - 30 HP)

Model	Motor Power		Air delivered (for VS models the data refer to max. / min. values)			Working pressure		Noise level	Connection	Weight		Dimensions
	kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
NKC-SI 18.5-08	18.5	25	2800	168	99	8	116	66	3/4"	350	774	135 x 80 x 113
NKC-SI 18.5-10	18.5	25	2500	150	88	10	145	66	3/4"	350	774	135 x 80 x 113
NKC-SI 18.5-13	18.5	25	2150	129	76	13	188	66	3/4"	350	774	135 x 80 x 113
NKC-SI 22-08	22	30	3400	204	120	8	116	68	3/4"	380	840	135 x 80 x 113
NKC-SI 22-10	22	30	3000	180	106	10	145	68	3/4"	380	840	135 x 80 x 113
NKC-SI 22-13	22	30	2400	144	85	13	188	68	3/4"	380	840	135 x 80 x 113
With dryer												
NKC-SI 18.5-08 ES	18.5	25	2800	168	99	8	116	66	3/4"	400	883	169 x 80 x 113
NKC-SI 18.5-10 ES	18.5	25	2500	150	88	10	145	66	3/4"	400	883	169 x 80 x 113
NKC-SI 18.5-13 ES	18.5	25	2150	129	76	13	188	66	3/4"	400	883	169 x 80 x 113
NKC-SI 22-08 ES	22	30	3400	204	120	8	116	68	3/4"	430	949	169 x 80 x 113
NKC-SI 22-10 ES	22	30	3000	180	106	10	145	68	3/4"	430	949	169 x 80 x 113
NKC-SI 22-13 ES	22	30	2400	144	85	13	188	68	3/4"	430	949	169 x 80 x 113
Variable Speed												
NKC-SI 22-08 VS	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	390	861	135 x 80 x 113
NKC-SI 22-10 VS	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	390	861	135 x 80 x 113
NKC-SI 22-08 ES VS	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	440	971	169 x 80 x 113
NKC-SI 22-10 ES VS	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	440	971	169 x 80 x 113

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.



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