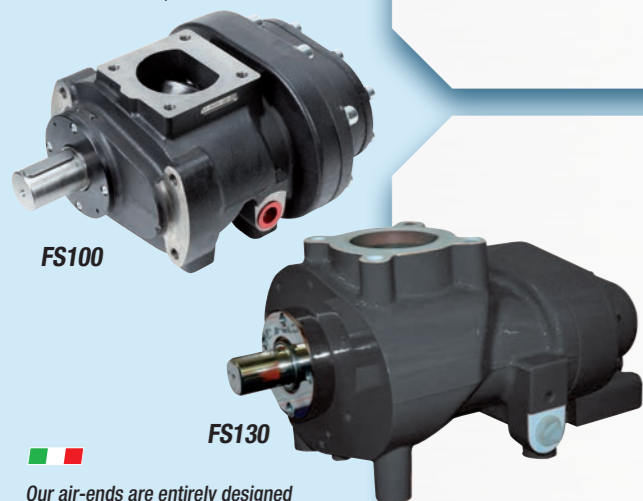


Construction features and advantages:

- All major components of the compressor, such as the intake regulator, minimum pressure/check valve and separator unit, are designed and manufactured by NUKOR with highly evolved CNC machines.
- 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.
- Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.
- 37 kW model (NKC-SI 38 VS) is also available with Variable Speed.



■ NKC-SI 31-10



FS100

FS130

Our air-ends are entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve. FS100 is mounted on NKC-SI 31 models. FS130 is mounted on NKC-SI 38 models.



■ NKC-SI 38-10 ES

Dryer module

NKC-SI 31 and NKC-SI 38 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.

30 - 37 kW (40 - 50 HP)

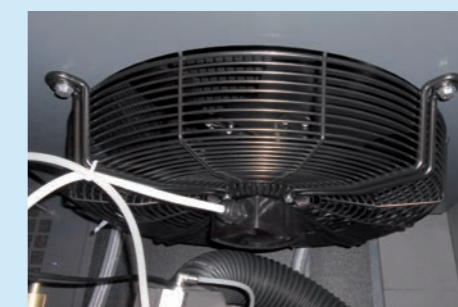
Model	Motor Power		Air delivery (for VS models the data refer to max. / min. values)			Working pressure		Noise level	Connection	Weight		Dimensions
	kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
NKC-SI 31-08	30	40	4700	282	165.9	8	116	70	1 -1/4"	630	1392	153 x 84 x 145
NKC-SI 31-10	30	40	4200	252	148.3	10	145	70	1 -1/4"	630	1392	153 x 84 x 145
NKC-SI 31-13	30	40	3400	204	120	13	188	70	1 -1/4"	630	1392	153 x 84 x 145
NKC-SI 38-08	37	50	6000	360	212	8	116	68	1 -1/4"	700	1547	153 x 84 x 145
NKC-SI 38-10	37	50	5300	318	187	10	145	68	1 -1/4"	700	1547	153 x 84 x 145
NKC-SI 38-13	37	50	4000	240	141	13	188	68	1 -1/4"	700	1547	153 x 84 x 145
With dryer												
NKC-SI 31-08 ES	30	40	4700	282	165.9	8	116	70	1 -1/4"	710	1567	186 x 84 x 145
NKC-SI 31-10 ES	30	40	4200	252	148.3	10	145	70	1 -1/4"	710	1567	186 x 84 x 145
NKC-SI 31-13 ES	30	40	3400	204	120	13	188	70	1 -1/4"	710	1567	186 x 84 x 145
NKC-SI 38-08 ES	37	50	6000	360	212	8	116	68	1 -1/4"	780	1721	186 x 84 x 145
NKC-SI 38-10 ES	37	50	5300	318	187	10	145	68	1 -1/4"	780	1721	186 x 84 x 145
NKC-SI 38-13 ES	37	50	4000	240	141	13	188	68	1 -1/4"	780	1721	186 x 84 x 145
Variable Speed												
NKC-SI 38-08 VS	37	50	5600 / 2000	336 / 120	197 / 70	8	116	72	1 -1/4"	725	1600	153 x 84 x 145
NKC-SI 38-10 VS	37	50	5000 / 1900	300 / 114	176 / 67	10	145	72	1 -1/4"	725	1600	153 x 84 x 145
NKC-SI 38-08 ES VS	37	50	5600 / 2000	336 / 120	197 / 70	8	116	72	1 -1/4"	805	1777	186 x 84 x 145
NKC-SI 38-10 ES VS	37	50	5000 / 1900	300 / 114	176 / 67	10	145	72	1 -1/4"	805	1777	186 x 84 x 145

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.



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 temperatures.



Oil filter and separator filter

Both spin-on type, they ensure maximum efficiency and simple maintenance.



Intake regulator

Normally closed electro-pneumatic 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.



Air filter

The air filter with cartridge and dual filtering stage allows its use even in dusty environments.



Minimum pressure valve

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