

## Construction features and advantages:

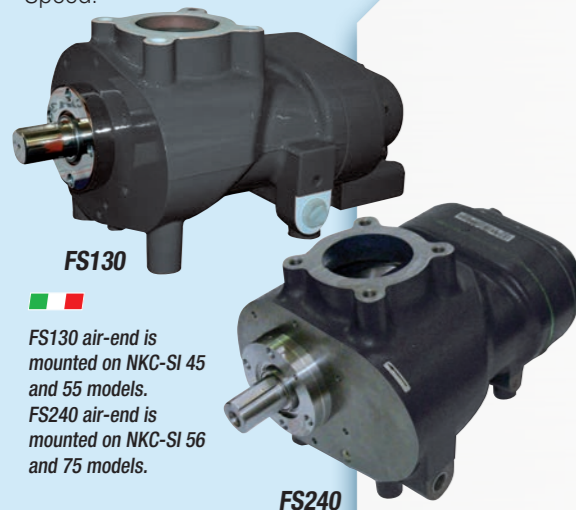
- Entirely developed and assembled in NUKOR Italian facilities. The superior components selection and the compact internal layout make this range of compressors stand out in terms of high performances and minimum footprint.
- The cooling air flow, channeled by the thermostatically controlled axial fan, cools down an oversized combined oil/air heat exchanger: this permits the compressor run in severe temperature conditions.
- Cabinet is fitted with a standard prefilter panel filtering the incoming cooling air: cleaner components for a longer life and easier servicing.
- Wide front and rear access panels allow easy maintenance and immediate check of all main components, reducing time of inspection and maintenance.
- 55 and 75 kW models (NKC-SI 56 and 75 VS) are also available with Variable Speed.



■ NKC-SI 75-10



■ NKC-SI 55-10



FS130

FS130 air-end is mounted on NKC-SI 45 and 55 models.  
FS240 air-end is mounted on NKC-SI 56 and 75 models.

FS240

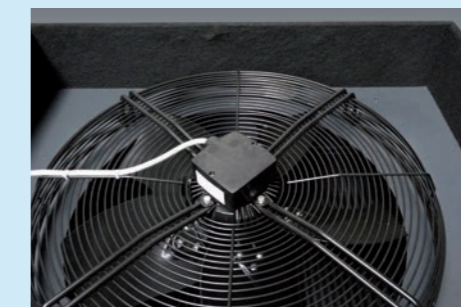
## 45 - 75 kW (60 - 100 HP)

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 45-08	45	60	7200	432	254	7.5	109	72	1 - 1/2"	910	2002	160 x 97 x 186
NKC-SI 45-10	45	60	6500	390	229	10	145	72	1 - 1/2"	910	2002	160 x 97 x 186
NKC-SI 45-13	45	60	5100	306	180	13	188	72	1 - 1/2"	910	2002	160 x 97 x 186
NKC-SI 55-08	55	75	8600	516	304	7.5	109	74	1 - 1/2"	952	2094	160 x 97 x 186
NKC-SI 55-10	55	75	7800	468	275	10	145	74	1 - 1/2"	952	2094	160 x 97 x 186
NKC-SI 55-13	55	75	6400	384	226	13	188	74	1 - 1/2"	952	2094	160 x 97 x 186
NKC-SI 56-08	55	75	9300	558	328	7.5	109	70	2"	1650	3630	180 x 110 x 215
NKC-SI 56-10	55	75	8300	498	293	10	145	70	2"	1650	3630	180 x 110 x 215
NKC-SI 56-13	55	75	7000	420	247	13	188	70	2"	1650	3630	180 x 110 x 215
NKC-SI 75-08	75	100	12200	732	431	7.5	109	72	2"	1720	3784	180 x 110 x 215
NKC-SI 75-10	75	100	10500	630	371	10	145	72	2"	1720	3784	180 x 110 x 215
NKC-SI 75-13	75	100	8300	498	293	13	188	72	2"	1720	3784	180 x 110 x 215
Variable Speed												
NKC-SI 56-08 VS	55	75	9300 / 3700	558 / 222	328 / 131	7.5	109	70	2"	1686	3721	180 x 110 x 215
NKC-SI 56-10 VS	55	75	8300 / 3300	498 / 198	293 / 116	10	145	70	2"	1686	3721	180 x 110 x 215
NKC-SI 75-08 VS	75	100	12200 / 4800	732 / 288	431 / 169	7.5	109	72	2"	1756	3875	180 x 110 x 215
NKC-SI 75-10 VS	75	100	10500 / 4200	630 / 252	371 / 148	10	145	72	2"	1756	3875	180 x 110 x 215

Free air delivery as per ISO 1217 Annex C, at 7 - 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 circuit**  
An axial fan supplies the optimum cooling air flow for the generously sized air/oil cooler: safe operation in any environmental condition with minimum noise level.



**Minimum pressure valve**  
Separator block including minimum pressure/check valve. Double separator filter: long service intervals and high quality compressed air.



**Intake regulator**  
Normally closed electropneumatic system. Adjusts compressor working to guarantee minimum pressure when idle running and maximum saving upon start-up. This ultimately provides an optimal energy cost/air delivery ratio.



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