NUAIR COMPRESSORS
THE WIND OF CHANGE.

Scheda Tecnica Compressore
Compressor Technical Datasheet

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V51PK72N1NA80_MINIORION-E 2.2-10_EN_2026-07	
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Compressor Model: **MINIORION-E 2.2-10** **V51PK72N1NA80**

GENERAL DATA				
Rated power	kW HP	2,2 3,0		
Min/Max pressure limits	bar *psi*	5 ÷ 10 73 ÷ 145		
Supply frequency	Hz	50		
Main voltage	V - ph	400 ±5%	-	n.ph 3~
Auxiliary voltage	V - ph	230 ±5%	-	n.ph 1~
Drive type	-	Direct 1:1		
Air-end model	-	FS 14		
Electronic controller model	-	LOGIN ZERO		
Compressor IP rating	-	IP 20		
Ambient Working Temperature	°C	min. +2	-	max. +45

WORKING DATA				
Working pressure	bar *psi*	10 *145*		
Air flow (acc. to ISO 1217 Annex C and Annex E for variable speed compressors)	l/min m^3/min c.f.m.	261 0,26 9		
Starting current / Rated current / Dryer current	A	35	/ 5,2 /	-
Max final air temperature above ambient	°C	-		
Sound pressure (acc. to ISO 3744:2010 - ISO 3745:2012-Annex A)	dB(A)	65		± 3 dB(A)

ELECTRIC MOTOR				
Electric motor type & Rated power (acc. to IEC 60034-1)	kW	ASYNC	-	2,2
Synchronous speed	min^{-1}	2860		
Size & Construction form	-	90	-	IM B3 -B9
IP rating and insulation class of the electric motor	-	IP 55	-	class F

VENTILATOR				
Type and number of installed fans	-	RADIALE	-	n. 1
Rated power	kW	0,06		
IP rating and Insulation class of the fan	-	IP44	-	class F
Maximum fan flow rate	m^3/h	310		

LUBRICANT		
Type	-	RotarEcoFluid 46
Oil quantity	l	2,3
Oil carry over	mg/m^3	2 - 4

SAFETY DEVICES		
Max oil working temperature	°C	110
Pre-alarm oil working temperature	°C	-
Safety valve setting	bar	14
Protection type from electric motor overload	-	PTC thermistor

DIMENSIONS & DOCUMENTATION		
Length x Width x Height	mm	765x465x600
Weight	kg	68
Air outlet size	G	1/2"
Dimensional drawing P/N	-	DIM1055
Wiring diagram P/N	-	C305463010
End User Compressor Manual P/N	-	C197CC5260ML