

Model		KELVIN 7.5			KELVIN 11			KELVIN 15		
Technical features	kW/HP	7.5/10			11/15			15/20		
Working pressure	bar g	8	10	13	8	10	13	8	10	13
Air-end	type	PS 26 TF			PS 26 TF			PS 26 TF		
Transmission type	/	Poly-V L6 belt			Poly-V L6 belt			Poly-V L6 belt		
F.a.d. *	l/min	1 250	1 000	750	1 650	1 500	1 150	2 150	1 850	1 550
Oil Quantity / topping-up	l	5.5 / 0.8			6.5 / 0.8			6.5 / 0.8		
Max final air temperature above ambient	°C	10			15			17		
Re-claimable heat	kJ/h	25 600			37 600			51 300		
Fan type	/	Radial			Radial			Radial		
Fan flow rate	m ³ /h	1 000			1 200			1 600		
Rated motor power cooling fan	kW	0.16			0.24			0.24		
Oil carry over	mg/m ³	2-4			2-4			2-4		
Main Electric motor	type	B3B14			B3B14			B3B14		
Main Motor speed	1/min	3 000			3 000			3 000		
Nominal main motor power	kW	7.5			11			15		
Max. power absorbed, ventilation included	kW	8.7			12.6			15.6		
Specific Power	kW/m ³ /1'	6.96	8.70	11.6	7.66	8.43	11.0	7.27	8.44	10.1
Main Electrical efficiency	%	90.1			91.2			91.9		
Electrical box protection class	IP	54			54			54		
Min and Max working ambient temperature	°C	+2 / +45			+2 / +45			+2 / +45		
Noise level (according Pneuop/Cagi PN2CPTC2)	dB(A)	62			63			64		

Electrical data					
Voltage	V/Ph	400/3		400/3	400/3
Auxiliary voltage	V/Ph	24/1		24/1	24/1
Start-up absorbed current	A	36		59	79
Max. absorbed current, ventilation included	A	15.5		22	30
Idle running absorbed power	kW	3.8		5.1	5.8
Main motor enclosure/ISO class		IP55/F		IP55/F	IP55/F
Main motor service factor		1.1		1.1	1.1

Protection devices					
Max oil temperature	°C	110		110	110
Pre-alarm Oil temperature	°C	105		105	105
Motor thermal relay setting	A	10.5		14.5	17.5
Safety valve setting	bar	14		14	14

Dimensions and weight					
Length	mm	1 200		1 200	1 200
Width	mm	700		700	700
Height	mm	1 000		1 000	1 000
Weight	kg	240		254	280
Air outlet size	G	3/4"		3/4"	3/4"
Dimensions and weight + dryer	kg	261		285	311
Air outlet size	G	3/4"		3/4"	3/4"

Dimensions and weight + tank + dryer										
Length	mm	1 562		1 562	1 562					
Width	mm	700		700	700					
Height	mm	1 575		1 575	1 575					
Weight	kg	326	326	336	350	350	360	376	376	386
Air outlet size	G	3/4"		3/4"	3/4"			3/4"		

Dimensions and weight + tank + dryer										
Length	mm	1 980		1 980	1 980					
Width	mm	700		700	700					
Height	mm	1 666		1 666	1 666					
Weight	kg	386	386	401	410	410	425	436	436	451
Air outlet size	G	3/4"		3/4"	3/4"			3/4"		