

**BASE 7 VSD (8 bar max.)**

11.07.05-08.12

air cooled/ oil lubricated

Rev. 07

**Performance data**

Operating pressure			Rpm airend (1/min)				
			1.500	2.000	2.500	3.000	3.800
5 bar	Volume flow*	m <sup>3</sup> /min	0,36	0,52	0,71	0,87	1,11
	Terminal power (incl. fan)	kW	2,94	3,80	4,66	5,79	7,47
6 bar	Volume flow*	m <sup>3</sup> /min	0,36	0,51	0,71	0,86	1,08
	Terminal power (incl. fan)	kW	3,29	4,15	5,22	6,28	7,86
7 bar	Volume flow*	m <sup>3</sup> /min	0,36	0,51	0,71	0,85	1,05
	Terminal power (incl. fan)	kW	3,65	4,49	5,64	6,82	8,44
8 bar	Volume flow*	m <sup>3</sup> /min	0,36	0,51	0,71	0,85	1,05
	Terminal power (incl. fan)	kW	3,91	5,05	6,03	7,34	9,03
Idle terminal power		kW					
Airend			YNT-55A				
Ratio motor / airend			1 / 1				
Sound level **		dB(A)	62				
Air discharge temperature over ambient		K	≤15				
Tank for TD version		l	270				

**Electrical data**

Voltage	V	400
Frequency	Hz	50
Rated motor power	kW	7,5
Starting method		Frequency inverter
Efficiency class		IE-4
Enclosure / ISO class		IP 23 / F
Rated fan motor power	kW	0,17
Nominal power dryer	kW	0,18
Recommended cable cross-section (cable length max. 10m)	mm <sup>2</sup>	2,5
Recommended fuse	A	20

**Cooling data**

Type of cooling		Air cooling
Cooling air capacity	m <sup>3</sup> /h	1.070
Ambient temperature (min/max)	°C	+5 - +45

**Air treatment data**

Air dryer		FD 7,5
Refrigerant		R134a
Refrigerant capacity	ml	400
Filter types		P-015 / S-015
Degree of filtration pre filter	µm	5
Degree of filtration fine filter	µm	0,01

**Dimensions, weight, filling quantities**

Dimension stand alone compressor (L x W x H)	mm	880 x 660 x 900
Dimension incl. tank & dryer (L x W x H)	mm	1855 x 780 x 1555
Weight stand alone compressor	kg	160
Weight incl. tank & dryer	kg	280
Compressed air outlet stand alone compressor	"	3/4
Compressed air outlet tank & dryer	"	3/4
Oil capacity	l	3
Residual oil content	mg/m <sup>3</sup>	3 - 5

\* Measurements and specification of the data according to ISO1217 Annex E

\*\* Tolerance ± 3dB (A)

Due to constant product improvements, Tolpec GmbH reserves the right to change technical data without prior notice.

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