

BASE 5 VSD
Performance data

Operating pressure			Rpm airend (1/min)			
			1.500	2.000	2.500	2.650
5 bar	Volume flow*	m ³ /min	0,36	0,52	0,71	0,76
	Terminal power (incl. fan)	kW	2,94	3,80	4,66	4,90
6 bar	Volume flow*	m ³ /min	0,36	0,51	0,71	0,76
	Terminal power (incl. fan)	kW	3,29	4,15	5,22	5,57
7 bar	Volume flow*	m ³ /min	0,36	0,51	0,71	0,76
	Terminal power (incl. fan)	kW	3,65	4,49	5,64	6,00
8 bar	Volume flow*	m ³ /min	0,36	0,51	0,71	0,76
	Terminal power (incl. fan)	kW	3,91	5,05	6,03	6,38
9 bar	Volume flow*	m ³ /min	0,35	0,51	0,70	0,75
	Terminal power (incl. fan)	kW	4,35	5,53	6,44	6,71
10 bar	Volume flow*	m ³ /min	0,34	0,50	0,69	0,74
	Terminal power (incl. fan)	kW	4,63	5,82	6,94	7,31

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	5,5
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 ²	2,6
Recommended fuse	A	16

Cooling data

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

Air treatment data

Air dryer		FD 5,5
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 ³	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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