

		Technical Data Sheet							03.05.2022
		STORM 18							9.18.05-10.12
		air cooled/ oil lubricated							
Performance data									
5 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500	
	Volume flow*	m³/min	0,94	1,47	1,97	2,50	2,99	3,47	
	Terminal power (incl. fan)	kW	5,00	8,11	10,89	13,98	17,25	20,27	
6 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500	
	Volume flow*	m³/min	0,94	1,47	1,96	2,49	2,98	3,43	
	Terminal power (incl. fan)	kW	6,10	8,96	11,83	15,04	18,45	21,79	
7 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.300	
	Volume flow*	m³/min	0,93	1,46	1,95	2,48	2,97	3,25	
	Terminal power (incl. fan)	kW	6,55	9,62	12,88	16,19	19,78	21,87	
8 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.100	
	Volume flow*	m³/min	0,92	1,45	1,95	2,46	2,95	3,04	
	Terminal power (incl. fan)	kW	7,13	10,41	13,76	17,35	21,02	21,78	
9 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	2.900		
	Volume flow*	m³/min	0,92	1,44	1,95	2,45	2,85		
	Terminal power (incl. fan)	kW	7,78	11,03	14,63	18,62	21,69		
10 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	2.750		
	Volume flow*	m³/min	0,89	1,42	1,95	2,43	2,69		
	Terminal power (incl. fan)	kW	8,40	11,87	15,64	19,67	21,75		
Airend			YNT-80A						
Ratio motor / airend			1 / 1						
Sound level **		dB(A)	63						
Air discharge temperature over ambient		K	≤15						
Electrical data									
Voltage		V	400						
Frequency		Hz	50						
Rated motor power		kW	18,5						
Starting method			Frequency inverter						
Efficiency class			IE-4						
Enclosure / ISO class			IP 23 / F						
Rated fan motor power		kW	0,41						
Recommended cable cross-section (cable length max. 10m)		mm²	10						
Recommended fuse		A	50						
Cooling data									
Type of cooling			Air cooling						
Cooling air capacity		m³/h	4.000						
Ambient temperature (min/max)		°C	+5 - +45						
Dimensions, weight, filling quantities									
Dimension stand alone compressor (L x W x H)		mm	810 x 790 x 1635						
Weight stand alone compressor		kg	340						
Compressed air outlet stand alone compressor		"	1						
Oil capacity		l	10						
Residual oil content		mg/m³	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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