

		Technical Data Sheet								03.05.2022
		STORM 22								9.22.05-10.12
		air cooled/ oil lubricated								
Rev. 01										
Performance data										
5 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500	4.000	
	Volume flow*	m³/min	0,94	1,47	1,97	2,50	2,99	3,47	4,04	
	Terminal power (incl. fan)	kW	5,00	8,11	10,89	13,98	17,25	20,27	24,43	
6 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500	4.000	
	Volume flow*	m³/min	0,94	1,47	1,96	2,49	2,98	3,43	4,02	
	Terminal power (incl. fan)	kW	6,10	8,96	11,83	15,04	18,45	21,79	26,17	
7 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500	4.000	
	Volume flow*	m³/min	0,93	1,46	1,95	2,48	2,97	3,43	4,01	
	Terminal power (incl. fan)	kW	6,55	9,62	12,88	16,19	19,78	23,26	27,89	
8 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500	3.750	
	Volume flow*	m³/min	0,92	1,45	1,95	2,46	2,95	3,41	3,73	
	Terminal power (incl. fan)	kW	7,13	10,41	13,76	17,35	21,02	24,82	27,50	
9 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.500		
	Volume flow*	m³/min	0,92	1,44	1,95	2,45	2,95	3,39		
	Terminal power (incl. fan)	kW	7,78	11,03	14,63	18,62	22,46	26,80		
10 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.300		
	Volume flow*	m³/min	0,89	1,42	1,95	2,43	2,94	3,20		
	Terminal power (incl. fan)	kW	8,40	11,87	15,64	19,67	23,82	26,81		
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	22							
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	16							
Recommended fuse		A	63							
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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