

		Technical Data Sheet								01.03.2023
		STORM 11								9.11.05-10.12
		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	3.600	
	Volume flow*	m³/min	0,56	0,92	1,25	1,56	1,87	2,19	2,25	
	Terminal power (incl. fan)	kW	4,25	5,68	7,36	9,07	10,89	13,08	13,52	
6 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.400		
	Volume flow*	m³/min	0,56	0,91	1,24	1,56	1,86	2,09		
	Terminal power (incl. fan)	kW	4,70	6,20	7,81	9,82	11,71	13,45		
7 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000	3.200		
	Volume flow*	m³/min	0,55	0,90	1,22	1,54	1,84	1,97		
	Terminal power (incl. fan)	kW	5,19	6,78	8,52	10,43	12,55	13,48		
8 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	3.000			
	Volume flow*	m³/min	0,54	0,90	1,21	1,53	1,84			
	Terminal power (incl. fan)	kW	5,67	7,27	9,16	11,18	13,34			
9 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	2.800			
	Volume flow*	m³/min	0,54	0,89	1,20	1,54	1,73			
	Terminal power (incl. fan)	kW	6,11	7,74	9,75	12,05	13,30			
10 bar	Rpm airend (1/min)	1/min	1.000	1.500	2.000	2.500	2.600			
	Volume flow*	m³/min	0,53	0,88	1,18	1,53	1,59			
	Terminal power (incl. fan)	kW	6,68	8,30	10,45	12,81	13,29			
Idle terminal power		kW						1,51		
Airend			YNT-70A							
Ratio motor / airend			1 / 1							
Sound pressure level **		dB(A)	62							
Air discharge temperature over ambient		K	≤15							
Electrical data										
Voltage		V	400							
Frequency		Hz	50							
Rated motor power		kW	11							
Starting method			Frequency inverter							
Efficiency class			IE-4							
Enclosure / ISO class			IP 23 / F							
Rated fan motor power		kW	0,22							
Recommended cable cross-section (cable length max. 10m)		mm²	6							
Recommended fuse		A	32							
Cooling data										
Type of cooling			Air cooling							
Cooling air capacity		m³/h	2.500							
Ambient temperature (min/max)		°C	+5 - +45							
Dimensions, weight, filling quantities										
Dimension stand alone compressor (L x W x H)		mm	741 x 682 x 1450							
Weight stand alone compressor		kg	205							
Compressed air outlet stand alone compressor		"	3/4							
Oil capacity		l	7							
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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