

		Technical Data Sheet							30.01.2026
		STORM 55-10							9.55.05-10.12
		air cooled/ oil lubricated							Rev. 02
Performance data									
5 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000		
	Volume flow*	m³/min	2,36	4,03	5,97	7,74	9,31		
	Terminal power (incl. fan)	kW	16,04	24,59	34,96	44,35	54,01		
6 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000		
	Volume flow*	m³/min	2,29	3,93	5,83	7,64	9,19		
	Terminal power (incl. fan)	kW	17,62	26,92	37,41	47,84	58,09		
7 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000		
	Volume flow*	m³/min	2,19	3,84	5,66	7,53	9,03		
	Terminal power (incl. fan)	kW	19,29	29,14	39,72	51,24	62,47		
8 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000		
	Volume flow*	m³/min	2,16	3,82	5,62	7,41	8,94		
	Terminal power (incl. fan)	kW	21,03	31,21	42,57	54,82	66,30		
9 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.800		
	Volume flow*	m³/min	2,12	3,80	5,60	7,36	8,25		
	Terminal power (incl. fan)	kW	22,50	33,27	44,52	58,01	65,11		
10 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.600		
	Volume flow*	m³/min	2,07	3,79	5,59	7,33	7,62		
	Terminal power (incl. fan)	kW	23,89	35,38	47,03	60,63	63,18		
Idle terminal power		kW	7,19						
Airend			YNE-163RA						
Ratio motor / airend			1 / 1						
Sound pressure level **		dB(A)	80						
Air discharge temperature over ambient		K	≤ 10						
Electrical data									
Voltage		V	400						
Frequency		Hz	50						
Rated motor power		kW	55						
Starting method			Frequency inverter						
Efficiency class			IE-5						
Enclosure / ISO class			IP 65 / F						
Rated fan motor power		kW	2,2						
Recommended cable cross-section (cable length max. 10m)		mm²	70						
Recommended fuse		A	125						
Cooling data									
Type of cooling			Air cooling						
Cooling air capacity		m³/h	13.500						
Ambient temperature (min/max)		°C	+5 - +45						
Dimensions, weight, filling quantities									
Dimension stand alone compressor (L x W x H)		mm	1260 x 1140 x 1962						
Weight stand alone compressor		kg	940						
Compressed air outlet stand alone compressor		"	2						
Oil capacity		l	40						
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. Errors expected.

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