

		Technical Data Sheet						10.11.2025
		STORM 75-10						9.75.05-10.12
		air cooled/ oil lubricated						Rev. 01
Performance data								
5 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000	
	Volume flow*	m³/min	3,32	5,43	7,64	9,80	11,81	
	Terminal power (incl. fan)	kW	20,97	32,22	44,07	57,38	75,80	
6 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000	
	Volume flow*	m³/min	3,25	5,30	7,52	9,66	11,75	
	Terminal power (incl. fan)	kW	23,16	34,97	47,65	61,30	80,70	
7 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.900	
	Volume flow*	m³/min	3,16	5,21	7,42	9,62	11,31	
	Terminal power (incl. fan)	kW	25,25	37,80	51,26	66,21	80,70	
8 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.800	
	Volume flow*	m³/min	3,07	5,18	7,33	9,60	10,90	
	Terminal power (incl. fan)	kW	26,94	40,13	54,85	70,94	80,03	
9 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.700	
	Volume flow*	m³/min	3,02	5,14	7,30	9,57	10,45	
	Terminal power (incl. fan)	kW	28,87	42,71	58,12	75,44	81,89	
10 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.600	
	Volume flow*	m³/min	2,95	5,06	7,27	9,54	9,97	
	Terminal power (incl. fan)	kW	30,81	45,40	61,42	78,06	81,93	
Idle terminal power		kW	10,54					
Airend			YNE-178RA					
Ratio motor / airend			1 / 1					
Sound pressure level **		dB(A)	82					
Air discharge temperature over ambient		K	≤ 10					
Electrical data								
Voltage		V	400					
Frequency		Hz	50					
Rated motor power		kW	75					
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	980					
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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