

		Technical Data Sheet							27.08.2024
		STORM 37-8							9.37.05-08.12
		air cooled/ oil lubricated							Rev. 03
Performance data									
5 bar	Rpm airend	1/min	1.200	1.500	2.000	2.500	3.000	3.200	
	Volume flow*	m³/min	2,61	3,42	4,74	5,97	7,00	7,40	
	Terminal power (incl. fan)	kW	14,74	18,14	24,06	30,45	37,05	39,73	
6 bar	Rpm airend	1/min	1.200	1.500	2.000	2.500	3.000	3.200	
	Volume flow*	m³/min	2,59	3,39	4,74	5,92	6,95	7,36	
	Terminal power (incl. fan)	kW	16,11	19,70	26,01	32,75	39,63	42,44	
7 bar	Rpm airend	1/min	1.200	1.500	2.000	2.500	3.000		
	Volume flow*	m³/min	2,56	3,36	4,72	5,87	6,88		
	Terminal power (incl. fan)	kW	17,64	21,33	28,14	35,02	42,40		
8 bar	Rpm airend	1/min	1.200	1.500	2.000	2.500	2.800		
	Volume flow*	m³/min	2,53	3,32	4,69	5,78	6,40		
	Terminal power (incl. fan)	kW	19,08	23,01	30,14	37,38	41,93		
8,5 bar	Rpm airend	1/min	1.200	1.500	2.000	2.500	2.700		
	Volume flow*	m³/min	2,51	3,30	4,66	5,74	6,14		
	Terminal power (incl. fan)	kW	19,81	23,87	31,13	38,52	41,63		
Idle terminal power		kW	5,18						
Airend			YNE-138RB						
Ratio motor / airend			1 / 1						
Sound pressure level **		dB(A)	65						
Air discharge temperature over ambient		K	≤15						
Electrical data									
Voltage		V	400						
Frequency		Hz	50						
Rated motor power		kW	37						
Starting method			Frequency inverter						
Efficiency class			IE-4						
Enclosure / ISO class			IP 23 / F						
Rated fan motor power		kW	0,8						
Recommended cable cross-section (cable length max. 10m)		mm²	35						
Recommended fuse		A	100						
Cooling data									
Type of cooling			Air cooling						
Cooling air capacity		m³/h	7.400						
Ambient temperature (min/max)		°C	+5 - +45						
Dimensions, weight, filling quantities									
Dimension stand alone compressor (L x W x H)		mm	910 x 890 x 1750						
Weight stand alone compressor		kg	430						
Compressed air outlet stand alone compressor		"	1 1/4						
Oil capacity		l	16						
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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