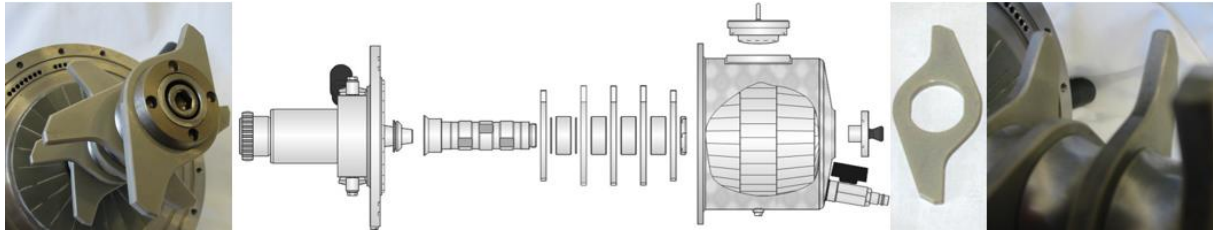


W01-1lm-SiN | W01-2lm-SiN - grinding units for Simoloyer® CM01 -



type -SiN

Type SiN grinding units are made for entirely Fe-free HKP-processing. Chamber is lined with Si₃N₄-plates, modular rotor provides blades made from Si₃N₄ and ceramic-coated shaft-bushes. Max. speed allowed is 1.000 rpm, limited temperatures !

technical data, dimensions [35]

size/type	W01-1lm-SiN	W01-2lm-SiN
net weight	12 kg	14 kg
nominal volume	0,8 liter	1,6 liter
nominal power	3.4 kW/l	1.7 kW/l
maximum relative velocity	1.000 rpm max. !	
cooling system pre-seal-unit	water, G $\frac{3}{8}$	
cooling system flange	via vessel	
cooling system vessel	water, G $\frac{3}{8}$	
heating system vessel	no	
heating system flange	no	
atmosphere	vacuum, inert-gas, air	
airlock system main port	NW45	
airlock system aux. port	DN16KF	
continuous ports Z01-Z04	no	
airlock system	DN40	
operation pressure	1x10 ⁻⁴ mbar - 2 bar	
operation temperature	RT – 40°C	
operation mode	batch processing	
material vessel	1.4301 with Si ₃ N ₄ lining	
material rotor	Si ₃ N ₄ bulk / hardened steel	
recommended grinding media	ZrO ₂ , fully stabilized	
loading rates	HEM, MA, RM	
grinding media ≤ ø 5mm	1-2 kg	2-4 kg
product < 4mm	50-200 g	200-400 g

