

W01-1Im | W01-2Im - grinding units for Simoloyer[®] CM01 -



modular type B

W01 modular type B represents the advanced standard grinding unit for Simoloyer[®] CM01 with separated cooling systems for (a) pre-seal unit and (b) flange & vessel. While (a) needs to be cooled all the time, (b) may be media cooled or heated.

technical data, dimensions [35]

size/type	W01-1Im	W01-2Im
net weight	12 kg	14 kg
nominal volume	1 liter	2 liter
nominal power	2.2 kW/l	1,1 kW/l
maximum relative velocity	10.9 m/sec	
cooling system pre-seal-unit	water, G $\frac{1}{8}$	
cooling system flange	via vessel	
cooling system vessel	water, G $\frac{3}{8}$	
heating system vessel	water/oil, G $\frac{3}{8}$	
heating system flange	via vessel	
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	-20 – 150°C	
operation mode	batch processing	
material vessel	stainless steel 1.4301	
material rotor	stainless steel 1.4301/Stellite [®] /THM	
recommended grinding media	100Cr6, (1.4401)	
loading rates	HEM, MA, RM	
grinding media $\leq \varnothing 5\text{mm}$	1-2 kg	2-4 kg
product < 4mm	50-200 g	200-400 g

