

Grinding units

Simoyer® CM01

type semi-continuous



grinding unit W01-2lm-s1



vessel



drain-grating

Technical data	
<i>extra features</i>	additional ports Z01-Z04
<i>application</i>	semi-continuous operation in depression & compression mode, e.g. prototyping for rapid processing of ductile metal flakes & rapid particle size reduction of brittle materials
size/type	W01-2lm-s1
net weight	14 kg
nominal volume	2 liter
nominal power	1.1 kW/l
maximum relative velocity	10.9 m/sec
cooling system pre-seal-unit	via vessel
cooling system flange	via vessel
cooling system vessel	water, G ^{3/8}
heating system vessel	no
heating system flange	no
atmosphere	vacuum inert gas, air
airlock system main port	NW45
airlock system aux. port	NW18
continuous ports Z01-Z04	DN16, tangential
airlock system	DN40
operation pressure	1x10 ⁻⁴ mbar - 2 bar
operation temperature	-20 – 90°C
operation mode	batch (semi-continuous)
material vessel	stainless steel 1.4301
material rotor	stainless steel 1.4301/ Stellite®/THM
recomm. grinding media	100Cr6, 1.4401
loading rates:	(HEM, MA, RM)
grinding media, Ø ≤ 5mm ¹⁾	2-4 kg
product < 4mm ¹⁾	200-400g

¹⁾: depending on application

technical data subject to alterations