

W01-2lm-s1 - grinding unit for Simoloyer[®] CM01 -



type -s1 for semi-conti processing

W01-2lm-s1 carries standard port P01 as well as tangential ports Z01-Z04 additionally. Z-ports allow semi-continuous processing with aerodynamic separation and in-situ classification, particularly for rapid particle size reduction or activation of brittle solids such as enamel or high performance cement as well as for rapid manufacturing of ductile metal flakes.

technical data, dimensions [35]

size/type	W01-2lm-s1
net weight	14 kg
nominal volume	2 liter
nominal power	1,35 kW/l
maximum relative velocity	10.9 m/sec
cooling system pre-seal-unit	water, G $\frac{1}{2}$
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	DN16, tangential
airlock system	DN40
operation pressure	1x10 ⁻⁴ mbar - 2 bar
operation temperature	-20 – 90°C
operation mode	semi-continuous (batch also)
material vessel	stainless steel 1.4301
material rotor	stainless steel 1.4301/Stellite [®]
recommended grinding media	100Cr6, 1.4401
loading rates	HEM, MA, RM
grinding media $\leq \varnothing$ 5mm	2-4 kg
product < 4mm	conti / 200-400 g

