

Grinding Vessel for Rollermills

Application

vessels for milling, mixing, dispersing and homogenizing in low – medium kinetic range:
 ➤ suitable for standard Roller-Mills
 • wet- or dry operation
 • variable materials for vessel, linings, coatings and grinding media
 • evacuation respective gas flow-in (only type *-b)



Glass-bottles						
volume [ml]	25	50	100	250	500	1000
D x L [mm]	36x74	46x91	56x105	70x143	86x181	101x230
lock-thread ISO	4796-25	4796-32	4796-45			
net weight [g]	50	100	160	235	355	500
material	laboratory glass Duran					
definition example	glass-bottle Duran 100 ml					
option evacuation	no			yes, see KF-glass-container		



Porcelain-pan					
unit size	RBT01		RBT03	RBT05	RBT10
volume [l]	1		3	5	10
D x L [mm]	135x175		200x240	225x280	285x335
net weight [kg]	2.9		6.3	9.8	16
material	hard-porcelain C110, glass-flux coated				
definition example	porcelain-pan RBT03				
option evacuation	no				



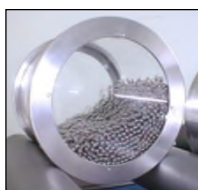
Steel Container							
unit size	RBS005	RBS007	RBS01	RBS02	RBS05	RBS10	RBS16
volume [l]	0.5	0.75	1	2	5	10	16
d x l (inner) [mm]	85x90	110x80	110x110	135x145	185x190	235x235	275x275
D x L (outer) [mm]	100x114	125x104	125x134	150x169	200x214	250x265	300x305
port 1 (only type b)	D55-18 for side-adaptor unit size 16						
net weight [kg]	2.5	3	3.5	6	8.5	13	18.5
material	stainless steel 1.4301, 1.4841						
definition example	steel container RBS02-a (without port 1) or RBS02-b (port 1)						
option evacuation	yes, via port 1 (at type b)						
option coating*	Al ₂ O ₃ , WC-Co, PU, PTFE						



Steel Container with lining Al ₂ O ₃						
unit size	RBA005	RBA01	RBA02	RBA05	RBA10	RBA16
volume [l]	0.5	1	2	5	10	16
d x l (inner) [mm]	85x90	117x100	145x145	198x198	240x230	290x275
D x L (outer) [mm]	135x125	167x135	195x180	240x231	290x265	340x280
Mosaic plates [mm]	20x20x4					
vessel-tube	101.6x3	133x3	159x3	204x3	255x2.5	306x3
port 1 (only type b)	D55-18 for side-adaptor unit size 16					
net weight [kg]	4	5	6	10	14.5	20
material	stainless steel 1.4301, Al ₂ O ₃					
definition example	steel container RBA02-a (without port 1) or RBA02-b (port 1)					
option evacuation	yes, via port 1 (at type b)					
option lining	alternative: ZrO ₂ , Si ₃ N ₄ , WC-Co, rubber-lining					



PTFE Container				
unit size	RBP005	RBP007	RBP01	RBP02
volume [l]	0.5	0.75	1	2
d x l (inner) [mm]	85x90	110x80	110x110	135x145
D x L (outer) [mm]	150x147	175x137	175x167	200x202
net weight [kg]	5	5.5	6	8.5
material	PTFE + stainless steel 1.4301			
definition example	PTFE container RBP02			
option evacuation & coating	Not available			



Glass Container (special unit)	
unit size	RBG02
volume [l]	2
d x l (inner) [mm]	140x132
D x L (outer) [mm]	165x148
net weight [kg]	2
material	stainless steel 1.4301, acrylic glass
definition example	glass container RBG02
option evacuation	No (only for demo)

Options

- customized Roller-Mill
- customized grinding media
- special unit sizes

technical data subject to alteration