



TECHNICAL SPECIFICATIONS: ALDRUM MINI

DIMENSIONS	
Length incl. Motor (mm)	2233
Width (mm)	480
Height (mm)	846
Weight dry/empty (kg)	300
Weight wet/full (kg)	450
Drum weight (kg)	48
Drum length (mm)	1887
Drum diameter (mm)	378
Filter cloth (m ²)	1.6
Approx. Casing volume (m ³)	0.4
Country of origin	Poland

MATERIALS	
Cover	GRP
Cover Colour	RAL 5010 (Blue)
Casing (AISI)	316
Drum (AISI)	316
Legs (AISI)	304
Bearings	HDPE
Spray nozzles	303
Filter cloth	Polyester

TECHNICAL DATA	
Motor speed	1380
Rotating speed at 50 Hz (rpm)	13.8
Filter Cloth Type	Spiral Weave
Filter Cloth Mesh Size (diagonal hole, width x length mm), First section	0.58 x 2.9
Filter Cloth Mesh Size (diagonal hole, width x length mm), Other sections	0.77 x 4.7
Rec. Air changes if ventilated (m ³ /h)	4.8
Washing intervals (s)	15-30
Cleaning pause intervals (s)	15-45
Min. Wash water pressure (bar)	5-7
Spray nozzles (no.)	12
Noise level (dBA)	69
Noise level whilst spraying (dBA)	69
Pressure loss across mixing valve (bar)	0.1-1

CONSUMABLES	
Wash water, typical (m ³ /h)	0.2-0.7
Wash water, continuous (m ³ /h)	2.1
Power consumption (kW)	0.13-0.19
ISO 9001	Yes

COMPONENTS	
Gear	
Country of origin	Germany
Gear Ratio	114.75:1
Colour (RAL)	RAL 5010
Motor	
Nord	SK02050VF
Country of origin	Germany
Voltage (V) (option: US / CUS)	3x230/400V
Frequency (Hz) (option: US / CUS)	50
Thermistor (TF) (option: US / CUS)	Yes
Anti-condensation heater	Optional
Protection class	IP55
Colour (RAL)	RAL 5010
Solenoid valve	
Brand	Bürkert
Kv (m ³ /h)	4
Voltage (V)	24
Protection class	IP65
Material casing	NBR
Spray nozzles	
Spraying system	Floodjet
Size	TK3
Hole diameter (mm)	1.4

CONNECTIONS	
Sludge feed	DN80/PN16
Sludge discharge	200x340
Filtrate discharge	HOSE Ø84
Wash water (female)	1/2"
Ventilation (HOSE LINER)	HOSE Ø51

SHIPPING DATA (wooden crate)	
Length (mm)	2300
Width (mm)	600
Height (mm)	946
Weight (kg)	155