



TECHNICAL SPECIFICATIONS: ALDRUM G3 Maxi

DIMENSIONS	
Length incl. Motor (mm)	5025
Width (mm)	957
Height (mm)	1407
Weight dry/empty (kg)	750
Weight wet/full (kg)	1150
Drum weight (kg)	187
Drum length (mm)	4417
Drum diameter (mm)	797
Filter cloth (m2)	8
Approx. Casing volume (m3)	2.5
Country of origin	Poland

MATERIALS	
Cover	GRP
Cover Colour	RAL 7004 (Light Grey)
Casing (AISI)	316
Drum (AISI)	316
Legs (AISI)	304
Bearings	HDPE
Spray nozzles	303
Filter cloth	Polyester

TECHNICAL DATA	
Motor speed	1360
Rotating speed at 50 Hz (rpm)	7.1
Filter Cloth Type	Spiral Weave
Filter Cloth Mesh Size (diagonal hole, width x length mm)	0.77 x 4.7
Rec. Air changes if ventilated (m3/h)	30
Washing intervals (s)	15-30
Cleaning pause intervals (s)	15-45
Min. Wash water pressure (bar)	5-7
Spray nozzles (no.)	30
Noise level (dBA)	64
Noise level whilst spraying (dBA)	69
Pressure loss across mixing valve (bar)	0.1-1

CONSUMABLES	
Wash water, typical (m3/h)	0.5-1.6
Wash water, continuous (m3/h)	5.1
Power consumption (kW)	0.19-0.28
ISO 9001	Yes

COMPONENTS	
Gear	
Country of origin	Germany
Gear Ratio	195.86:1
Colour (RAL)	RAL 5010
Motor	
	0.25 kW
Nord	SK12063VF
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 (m3/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 (universal flange)	DN150/6"
Sludge discharge (rectangular, mm)	285x525
Filtrate discharge	DN150/6"
Wash water (female)	1"
Ventilation (HOSE LINER)	Ø63

SHIPPING DATA (pallet and covered w plastic)	
Length (mm)	5323
Width (mm)	1170
Height (mm)	1511
Weight (kg)	750