

Colour:	black
Standard:	EN 12050-1
Type of wastewater:	with sewage
Installation situation:	underground installation
Delivery state:	Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)
System type:	Duo
Dimensions	
Net weight:	228 kg
Gross weight:	252 kg
Groundwater resistant from lower edge of base section:	3000 mm
Length:	1240 mm
Width:	1240 mm
Height:	1416 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height
Tank/drain body	
Pressure pipe connection (DN):	50
Pressure pipe connection (OD):	63 mm
Distance from centre of outlet pipe to tank bottom:	1134 mm
Distance pipe bottom inlet to tank bottom:	1054 mm
Distance from centre of inlet pipe to tank bottom:	1134 mm
Distance from inlet pipe invert to top of tank:	330 mm
Inlet max. scoring (DN):	150 mm
Inlet nominal size (OD):	160 mm
Inlet nominal size (DN):	150 mm
Number of inlets:	1
Clear width of tank (LW):	1000 mm
Pumping volume:	300 l
Pumping device	
Pump:	STZ 1300
Number of pumps:	2
Weight, pump:	27 kg
Connection type:	Direct connection
Operating voltage:	400 V
Protection class:	I
Insulation class:	H
Cos phi - power factor:	0,8
Protection class (pump):	IP 68 (20m)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C

Max. pumping capacity:	20 m ³ /h
Max. pumping height:	21 m
Speed:	2900 U/min
Power P1:	1,3 kW
Power P2:	0,9 kW
Operating mode:	S1
Type of pump connection cable:	H07RN8-F 6G 1.5 mm ²
Impeller type:	Macerator
Length of mains cable for pump:	10 m
Rated current:	2,5 A

Control

Control unit:	Comfort
Motor protection switch:	yes
Alarm sensor:	Level sensor
Level measurement instrument:	Level sensor
Type of level measurement:	hydrostatic
Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	400 V
Connection type:	Direct connection
Potential-free contact:	yes
GSM interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes