**VOLUMETRIC SCREW FEEDER QUESTIONNAIRE**

**CONTACT DETAILS**

Name and Surname: Click to enter name and surname.  
Company Click to enter company.  
Street: Click to enter street.  
City: Click to enter city.  
Country: Click to enter country.  
Phone number: Click to enter phone number.  
E-mail: Click to enter email address.  
Date: Click to enter the date.

Celu pucharse Darmowe ikony **ORDER**

The number of items: Click to enter the number of items.

** MATERIAL**

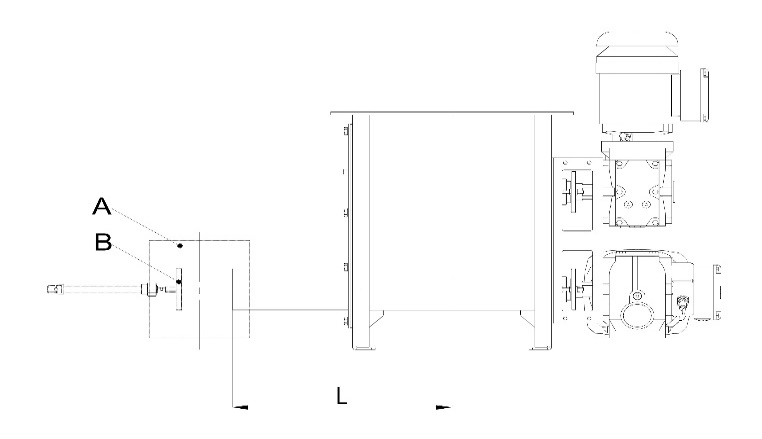
Material name: Click to enter material name.  
Grain size [mm]: Click to enter grain size.  
Bulk density [kg/m3]: Click to enter bulk density.  
Moisture content [%]: Click to enter moisture content.  
Angle of repose [o]: Click to enter angle of repose.  
Material temperature [oC]:  0-40  other: Click to enter other temperature.  
Material features:  well- flowing  medium flowing  difficult-flowing  abrasive  brittle  stick  compressible  dusty  easily aerating (“ uncontrolled flowing”)  bridging  higroscopic  toxic  chemically aggressive

Zatwierdza symbol Darmowe ikony **REQUIREMENTS**

Feed rate [kg/h]: min.: Enter V min. max.: Enter V max.  
Dosing mode  continuous → maximum dosing error [% of set value]:

Click to enter dosing error in %.   
  batch → maximum dosing error [kg, g]

Click to enter dosing error in kg, g.

Vertical outlet pipe (A):  
 not  yes

Material flow shut-off valve for batch (B):  
 not  yes

Extended outlet pipe:  
 not  yes → L [mm]: Click to enter L

**C:\Users\Dziekan\Desktop\INTERPROCESS\zdalnie\INTERPROCESS\INTERPROCESS KARTY\ikony\konfiguracja-narzedzi-i-symboli_318-9134.jpg CONSTRUCTION**

***Model***

DSL35 V → ***Hopper***  not  yes → ***Total capacity of the feeder***   30 l  40 l  65 l  other: Enter capacity l.

DSL75 V → ***Hopper***  not  yes → ***Total capacity of the feeder***   100 l  200 l  300 l  other: Enter capacity l.

DSL150 V → ***Hopper***  not  yes → ***Total capacity of the feeder***   400 l  600 l  1200 l

1800 l  2400 l  other: Enter capacity l.

***Round hopper (optional) (for DSL35 V and DSL75 V)***

not  yes → additional, vertical agitator for materials that are particularly difficult to dose  not  yes

***Refilling the hooper***

manual (hinged cover with a handle and a charging grate)

automatic (inlet opening and connection to the dust extraction system)

***Place of installation of the feeder e.g. under the Big-Bag emptying station, etc.***

Click to enter the exact place of installation of the feeder.

***Application of the feeder (e.g. working as a separate device, in mixing lines, as an element of packaging system)***

Click to enter the application of the feeder.

***Execution***

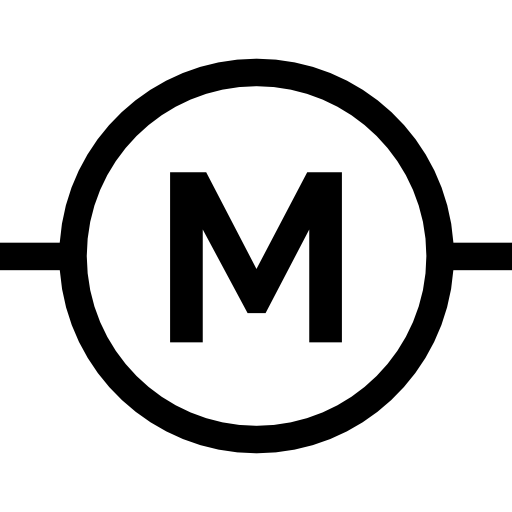
Components in contact with the material: stainless steel 1.4301 (AISI304)  stainless steel 1.4404 (AISI 316L)

Components not in contact with the material:  
 carbon steel, powder coated with polyester paint, coating thickness 70-80 μm  stainless steel 1.4301 (AISI304)

***Finish***

standard- electropolishing of the total surface, continuous internal welds

hygienic- continuous internal and external welds ground, electropolishing of all surfaces, ground surfaces in contact with material (Ra<0.8μm). Gearmotors in aseptic version (does not apply to ATEX version).

 **MOTOR**

SEW gearmotor 3x400 V AC with protection degree IP65

SEW gearmotor 3x500 V AC with protection degree IP65

SEW gearmotor in aseptic version, protection degree IP66

Other: Click to enter other type of motor.

Frequency [Hz]: Click to enter frequency.

***The motor is controlled by an inverter.***

Jasność Darmowe ikony **ENVIRONMENT**

Working temperature [oC]:  maximum 40  Other: Click to enter the other temperature.  
ATEX:  not  yes → Gases, liquids and their vapors  
 Inside the device:  0  1  2  
 Outside the device:  1  2

→ Explosive dusts:  
 Inside the device:  20  21  22  
 Outside the device:  21  22  conductive dust (IIIC)

Dust explosion classification:

ST1  ST2  ST3

Minimum ignition temperature [°C]

Click to enter minimum ignition temperature [oC].

Minimum ignition energy [mJ].

Click to enter minimum ignition temperature [mJ].

Kalkulator Darmowe ikony **SYSTEM CONTROL**

Without Control System  Control system with range linearization

Control Cabinet IP65  
 powder- coated  Stainless steel 1.4301 (AISI304)

Other Enter type.

Control cabinet installation place:  on screw feeder on left side

on screw feeder on right side

separately. The length of the cable routes [m]

Click to enter the length of the cable routes.

in Client’s control cabinet. The length of the cable routes [m]

Click to enter the length of the cable routes.  
Communication:  Modbus TCP  Modbus RTU  Ethernet IP  Profibus DP

** ADDITIONAL COMMENTS**

Comments:

Click to enter additional comments.