

Control system
Independent or in combination
with other systems

Mixer
Ensures optimised
media quality

Pump
Powerful and durable in
various configurations

CES – Container-discharging station

Individual and powerful

Discharging station

- ⊕ the solution for the independent removal of fluid substances from IBC transport containers.
- ⊕ the alternative to tank systems
- ⊕ a high level of flexibility for your production.
- ⊕ standard or customised.

CES – Container-discharging station CONFIGURATION

BASE

Collection basin

Welded steel collection basin, approved according to WHG with container attachment and grating cover

- ⊕ Volume [l] > 1.000 litres
- ⊕ Material S235JR
- ⊕ Surface Painted RAL7035
- ⊕ Dimensions [mm] 2.000 x 1.400
- ⊕ Height* [mm] 3.100
*with raised lifting column

Pump

Compressed air diaphragm pump with switch on and compressed air controller

- ⊕ Pumping volume [l/h] see diagram
- ⊕ max. pumping pressure* [bar] 6
- ⊕ max. viscosity [mPas] 2.000
*depends on compressed air supply

Equipment

- ⊕ Hose and coupling device
- ⊕ Pump protection filter
- ⊕ Dry-run protection
- ⊕ Pressure sensor
- ⊕ Shut-off fittings and internal pipework

Control unit

in independent control cabinet, functions:

- ⊕ Discharge is controlled by an external demand contact
- ⊕ Dry-run protection
- ⊕ Visual and acoustic fault signal with malfunction contact
- ⊕ Mixing, interval-controlled*
- ⊕ Recirculation, interval-controlled*
- ⊕ Temperature control system*
*other options required

Connection values

Depends on additional optional functions

- ⊕ Electrical 400 V, 50 Hz, 4,0 kW
- ⊕ Compressed air 6 bar

OPTIONAL EQUIPMENT

Screw pump

Sealing system slide ring seal CES-SSP-GLRD

- ⊕ Pumping volume [l/h] 1.200
- ⊕ max. pumping pressure [bar] 8
- ⊕ max. viscosity [mPas] 2.000

Screw pump¹⁾

Sealing system magnetic coupling CES-SSP-MAGK

- ⊕ Pumping volume [l/h] 1.200
- ⊕ max. pumping pressure [bar] 8
- ⊕ max. viscosity [mPas] 2.000

Frequency control of the pump

Pump speed control with manual setpoints CES-SSP-FU

Connection for circulation line²⁾

with pressure retention valve CES-AR

Mixer on traverse

Visco-Jet mixer CES-TR-RV

- ⊕ max. viscosity [mPas] 2.000
- ⊕ motor power [kW] 1,5

Mixer with lifting column²⁾

Visco-Jet mixer on manually height-adjustable lifting column incl. safety equipment. CES-TS-RV

- ⊕ max. viscosity [mPas] 2.000
- ⊕ motor power [kW] 1,5

Ventilation device¹⁾

via air drying cartridge CES-BE

- 1) Recommended for isocyanates
- 2) Recommended for polyols

SPECIAL VERSIONS

Heating

Equipment and pipework with electrical heating and insulation.

- ⊕ max. operating temperature [°C]..... (your requirement)

ATEX-model

Atex-conform version of the station.

Due to the large number of parameters that need to be set to ensure safe operation of the system in explosive areas, the following values should be known in advance:

Environment

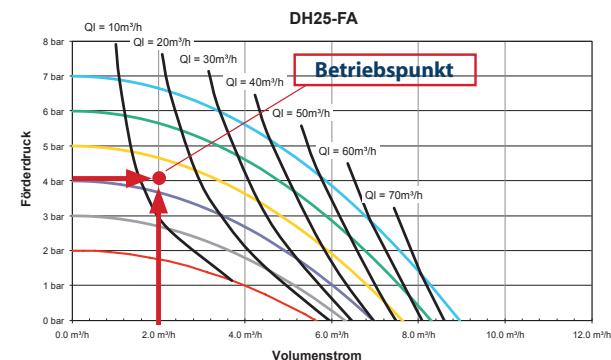
- ⊕ Substance group [G/D].....
- ⊕ Atex-zone environment.....
- ⊕ Temperature class.....

Medium

- ⊕ Product designation.....
- ⊕ viscosity [mPas].....
- ⊕ max. operating temperature [°C].....
- ⊕ Flashpoint [°C].....
- ⊕ Ignition temperature [°C].....
- ⊕ Explosion group [a;b;c].....

Performance diagram compressed air diaphragm pump

(for a viscosity of 1 mPas)



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