

Specification sheet VARITOP

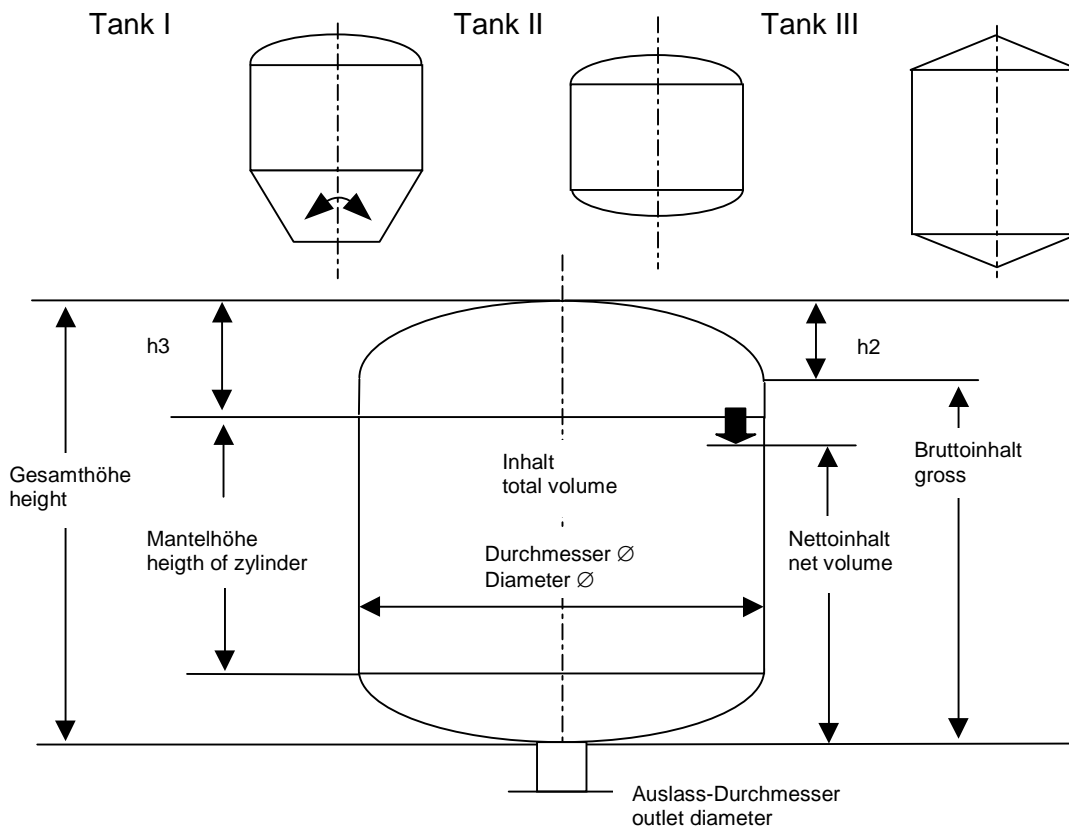
Please specify process data, capacity data, type and components!

Inquiry No.:	Item:
Project:	

1 Process data

What type of tank shall be cleaned and protected?

Tank dimensions



Tank overpressure resistance:

Tank vacuum pressure resistance:

Outlet diameter:

Description of the Process

Medium

Name: _____ Density: [kg/m³]
 Viscosity: [mPas] Temperature: [°C]

Capacity data

Filling rate: [m³/h]
 Emptying rate or set flow rate of the vacuum valve: [m³/h]
 CIP supply: [m³/h] Pressure: [bar]
 Gassing rate: [m³/h] Temperature: [°C]
 Gas: _____

Type and structure

**Order code for TUCHENHAGEN
 Tanktop type B**

Example

TTB	1	1	-	D	-	T	-	KT	-	N	-	B	-	0	-	0
1	2	3		4		5		6	7	8		9		10		

1 **TUCHENHAGEN Tanktop** =Defaults

2 Change-over module without external power supply
 T-Butterfly valve
 Shuttle valve ECOVENT
 Control valve

3 **Cleaning unit**
 Cleaning lance
 Rotating jet cleaner

4 **Configuration:**
 with central connection
 with tank dome cover

5 Installation position

Safety valve

- K** Cross connection (horizontal)
- T** Tank (separate connection)

6 Connection type :

Cross connection (tank, safety valve, CIP/Gas-Management)

- KT** VARIVENT groove flange, tank side / cleaner side
VARIVENT plain flange
- KN** K/N as per DIN 11851, tank side / cleaner side
VARIVENT plain flange
- KS** Special connection, tank side / cleaner side
VARIVENT plain flange

7 Pressure connection

- N** Welding end
- GO** Male part SC DIN 11851
- KO** Liner DIN 11851
- GK** Pipe union S kpl.
- HF** Clamp flange
- HK** Clamp pipe connection
- HA** Connection collar
Clamp flange
- TF** VARIVENT plain flange
- TN** VARIVENT groove flange cpl.
- TK** VARIVENT®
Flange connection
- FD** Welding flange

8 Pressure measurement

- D** with transmitter TPTE
- K** Ball housing with TPTE + 2 DW
- B** w/w.o. locking plate
- L** Ball housing with TPTE + 1 DW
- M** Ball housing with 2 DW
- N** Ball housing with 1 DW

9 Level Indication

- H** with TU electrode TLE
- 0** without

10 Sight module

- G** with sight glass
- B** with sight glass and illumination
- 0** without

Please use the order code for the selection of the configuration.
 In case of queries concerning the configuration please contact us:
 Tel. +49 (0) 4155 49 2773,
 Fax +49 (0) 4155 49 1 0773,

<http://www.l-division.com/eng/index.html>

Options as to the equipment

Please enter further data as to the equipment!

Safety valve

Certificates

- Type test liquids
 - or Type tests liquids and steam/gasses
 - or TÜV Acceptance (set pressure)
 - or Special acceptance
-

Nominal width

Type of lifting

Feedback

Connection fitting inlet

Connection fitting outlet

Accessory inlet

Response pressure

- DN25 to DN100
- manual or pneumatic
- with or without
- K/N as per DIN11851 or TN flange or special connection
- G as per DIN11851 (type F, FDG) or special or Tuchenhagen groove flange (TN)
- Cleaning module TN (with TN flange at the inlet), mandatory for upright safety valves
- barG

Vacuum valve with drip pan

Nominal width

Options

- DN80, 100 and 162
- with lifting
- with feedback
- with lifting and feedback
- with or without heating rod
- Proximity switch 24 V DC 2-Dr. M18x1
- Proximity switch 24 V DC 3-Dr. M18x1

Rotating jet cleaner

Type 2 1.4571 and PP (max. 80°C)
 1.4571 and PTFE (max. 100°C)

Introduction length into the tank mm
Feedback with / without
Nozzle arrangement

Type 2U with / without feedback
 Proximity switch 10-30 V DC
 Proximity switch 20-250 V AC
 Only sleeve PTFE for proximity switch

Cleaning lance type 1 or 2

Type Options
 mm, Introduction length into the tank
 Spray ball
 Clamp for pipe or threaded connection

CIP/Gas-Management

Type 41/42, T-Butterfly valve Options each with 1 or 2 feedbacks in the console
 Type _____
 with solenoid valve integrated in the Tuchenhagen control module
 Type _____

**Type 21/22,
 Shuttle valve
 ECOVENT**

**Options
 Feedback location**

<input type="checkbox"/>	Number of feedback switches	
<input type="checkbox"/>	Lantern / control module	
<input type="checkbox"/>	Type of feedback	
<input type="checkbox"/>	Solenoid valve, type	_____
	Air connection	_____
	Cable connection	_____
	Sealing material	_____
	Specialities	_____

**Type 31/32,
 Control valve A or S**

Other specifications

<input type="checkbox"/>	Control valve type A or type S
<input type="checkbox"/>	Soft / metallic sealing
<input type="checkbox"/>	Sealing material
<input type="checkbox"/>	Control characteristic: equal percentage/linear
<input type="checkbox"/>	Kvs value standard
<input type="checkbox"/>	Positioner type
<input type="checkbox"/>	Feedback of the valve's rest position
<input type="checkbox"/>	Feedback of the positioner
<input type="checkbox"/>	Ex-proof
<input type="checkbox"/>	Manometer module
	Specialities _____

Optionals