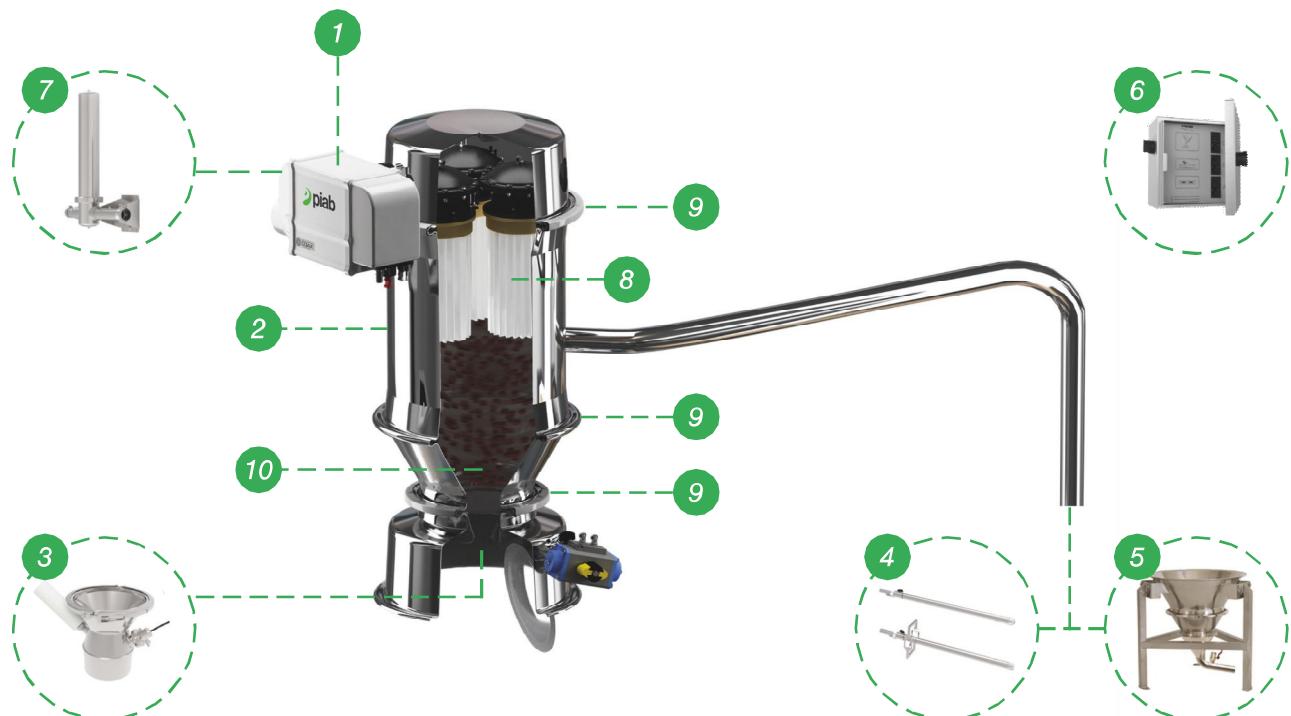


# Accessories & spare parts



1 Vacuum pump

2 Conveyor body

3 Transition piece

4 Suction pipe, feed nozzle,  
feed adapter

5 Feed station

6 Control unit

7 Sterile filter

8 Filters

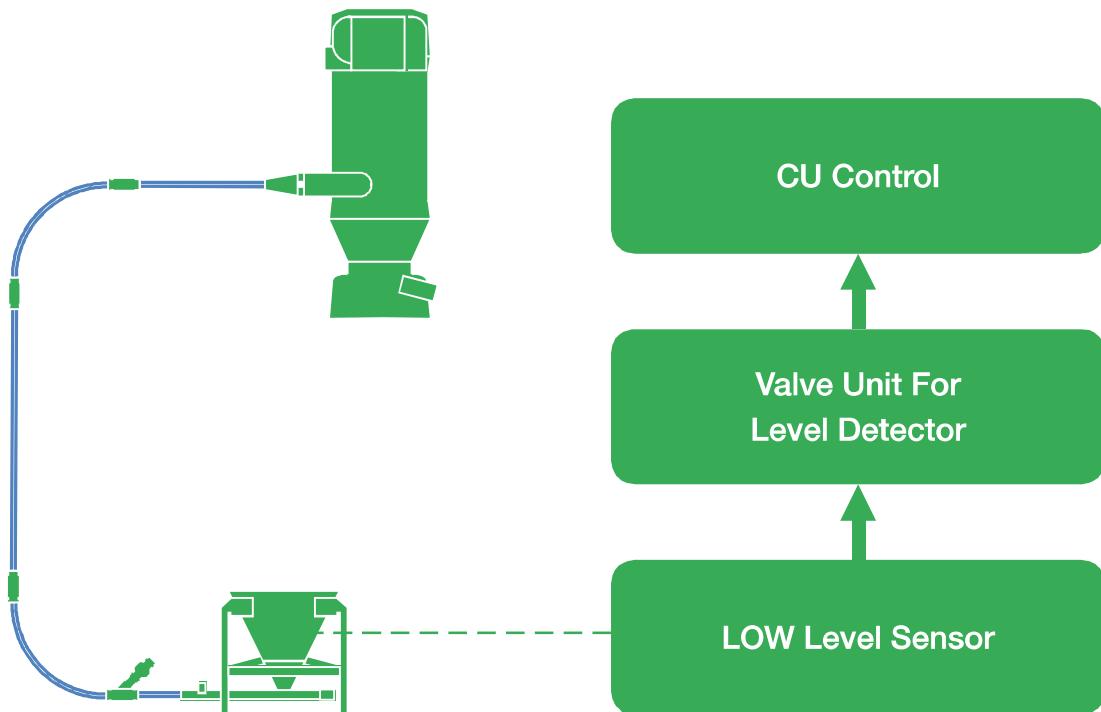
9 Seals

10 Fluidizing cone

# Accessories

		Suitable with piFLOW®			Features and benefits	
		i	f	p		
1	Vacuum pumps	piBASIC 	●	●		<ul style="list-style-type: none"> <li>Ejector driven pump with COAX® patented technology.</li> <li>Side mount for low building heights.</li> <li>High vacuum flow.</li> <li>Compact size and low weight.</li> <li>Low noise level.</li> <li>Modular design.</li> <li>5 years warranty.</li> </ul>
		piPREMIUM 			●	<ul style="list-style-type: none"> <li>Ejector driven pump with COAX® patented technology.</li> <li>Side mount for low building heights.</li> <li>High vacuum flow.</li> <li>Compact size and low weight.</li> <li>Low noise level.</li> <li>Modular design.</li> <li>5 years warranty.</li> </ul>
	Valve unit for electro mechanical pump and piFLOW® 		●	●	●	<ul style="list-style-type: none"> <li>To optimize or complete a conveyor.</li> <li>Use together with electro mechanical vacuum pumps and Piab vacuum conveyor.</li> <li>Fully pneumatic.</li> <li>Wall mounting.</li> <li>Recommend to use with compressed air feed unit.</li> </ul>
	Compressed air feed unit for electro mechanical pumps and piFLOW® 		●	●	●	<ul style="list-style-type: none"> <li>To optimize or complete a conveyor.</li> <li>Use together with electro mechanical vacuum pump and Piab vacuum conveyor.</li> <li>Fully pneumatic.</li> </ul>
2	Conveyor body 		●	●	●	<ul style="list-style-type: none"> <li>Increase batch volume.</li> <li>Transition pieces.</li> <li>Increases distance between the filter and inlet.</li> </ul>
3	Transition piece for tablet press 				●	<ul style="list-style-type: none"> <li>Use as a transition piece for tablet press.</li> <li>Ready to use, complete with sensor, aspiration filter, clamp ring and silicone sealing.</li> <li>Piab standard PR0 filter used for aspiration.</li> <li>Capacitive level sensor with TC connection.</li> <li>3 m of cable with open end.</li> </ul>

		Suitable with piFLOW®			Features and benefits
		i	f	p	
4	Suction pipes		●	●	●
	Feed nozzles piFLOW®p				● Polished $\leq Ra 0.8$ . ● To pick up the product in a smooth manner. ● Adjustable air intake at two places. ● Available with TC connection. ● Dismantle without tools.
5	Feed adapters				● To optimize the feeding point (where the product is conveyed from) for the conveying system to assure maximum capacity and safe transport.
			●	●	● To optimize the feeding point (where the product is conveyed from) for the conveying system to assure maximum capacity and safe transport.
5	Feed stations				● To store the product at the suction point. ● Polished $\leq Ra 0.8$ . ● Available with white or antistatic (black) fluidization cone. ● Fluidization regulator is included.
			●	●	● To store the product at the suction point. ● Pickled in product contact zone $\leq Ra 0.8$ .



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If we consider a typical application requiring a level control. This example is for stopping the conveying process when the feed station is empty of product. In this case we are applying a low level sensor in the station via our valve unit for level detector to our CU control. This will stop the conveyor and reset the timers when material is low or the station is empty.

		Suitable with piFLOW®			Features and benefits
		i	f	p	
6	Control units	Control Unit PPT/RS 	●	●	●
		Control unit CU 			● Controls the functions of the conveyor. ● Level sensor. ● Fluidized conveyor discharge. ● Fully pneumatic. ● Pipe emptying unit. ● Remote start/stop and emergency stop as an option. ● The maximum recommended distance between the conveyor and control unit is 10 metres when feed pressure is 0.6 MPa.
		Valve unit VU-EP 	●	●	● Valve unit with electro-pneumatic valves that can be used to control Piab's vacuum conveyors with external PLC or similar electrical control system. ● Simple installation: Prepared for connection to the vacuum conveyor's main functions; start the pump, close the bottom valve, open the bottom valve, fluidization and the filter shock. ● Prepared to be fitted with six electro-pneumatic valves. The unit is delivered with four valves and two unused spare positions. ● The valve unit has an electrical connection with an 8-pin M12x1 connector. ● The unit is delivered with a connection cable (L=2 m) that is fitted with a connector at one end.
		Valve unit for level detector CU-1/2 			● Provides an electrical to pneumatic signal allowing the CU control to switch the conveyor cycle on/off during operation and provides a control unit reset. ● Capacitive sensor needed. ● Sensor type 1 is a standard sensor. ● Type 2 is suitable for ATEX. ● Both options provides a 24VDC output, normally open electrical connection.
		Maintenance kit piFLOW® pumps 	●	●	● Used for start-up and maintenance of a Piab conveying system ● Complete kit, ready to use. ● 4x10 m Nylon tubing D=4/2 included. ● Enables reading of vacuum and pressure levels. ● Actuating valve to start/stop the Piab pump. ● Fits all piFLOW®i, f and p conveyors fitted with Piab pump.
7	Other	Sterile filter 			● Secondary sterile filter for piFLOW®p conveyor family. ● FDA approved. ● Easy to assemble / disassemble. ● Complete kit, ready to use. ● Filtration class ULPA 16 according to DIN EN 779 / DIN EN 1822-1:1998.

# Spare parts

		Suitable with piFLOW®			Features and benefits	
		i	f	p		
8	Filters	Textile filter 	●	●	●	<ul style="list-style-type: none"> <li>The filter bags are of food quality.</li> <li>Antistatic.</li> <li>Welded seams.</li> <li>Min particle size 5 µm.</li> </ul>
		Pleated filter 	●	●	●	<ul style="list-style-type: none"> <li>FDA compliance.</li> <li>The filter is antistatic and in compliance with ATEX.</li> <li>Suitable for extreme fine and free flowing powder, i.e. toner.</li> <li>Min particle size 0.5 µm.</li> </ul>
		Pleated rod filter 	●	●	●	<ul style="list-style-type: none"> <li>Suitable for fine powders, for example toner.</li> <li>FDA compliance.</li> <li>The grey pleated rod filter is antistatic and in compliance with ATEX.</li> <li>Min particle size 0.5 µm.</li> </ul>
		Pleated rod filter 			●	<ul style="list-style-type: none"> <li>Suitable for fine powders, for example toner.</li> <li>FDA compliance.</li> <li>Min particle size 0.5 µm.</li> </ul>
9	Seals	Various seals 	●	●	●	<ul style="list-style-type: none"> <li>Fulfils the requirements of FDA for piFLOW®f/p.</li> <li>EPDM material.</li> </ul>
		Various seals 			●	<ul style="list-style-type: none"> <li>Fulfils the requirements of FDA for piFLOW®p.</li> <li>Silicone material.</li> </ul>
10	Fluidizing cone				●	<ul style="list-style-type: none"> <li>Fulfils the requirements of FDA.</li> <li>Antistatic (black cone).</li> <li>For bridging powder.</li> </ul>

# Control unit PPT/RS, 0111636



- Controls the functions of the conveyor.
- Fully pneumatic.
- The maximum recommended distance between the conveyor and control unit is 10 metres when feed pressure is 0.6 MPa.

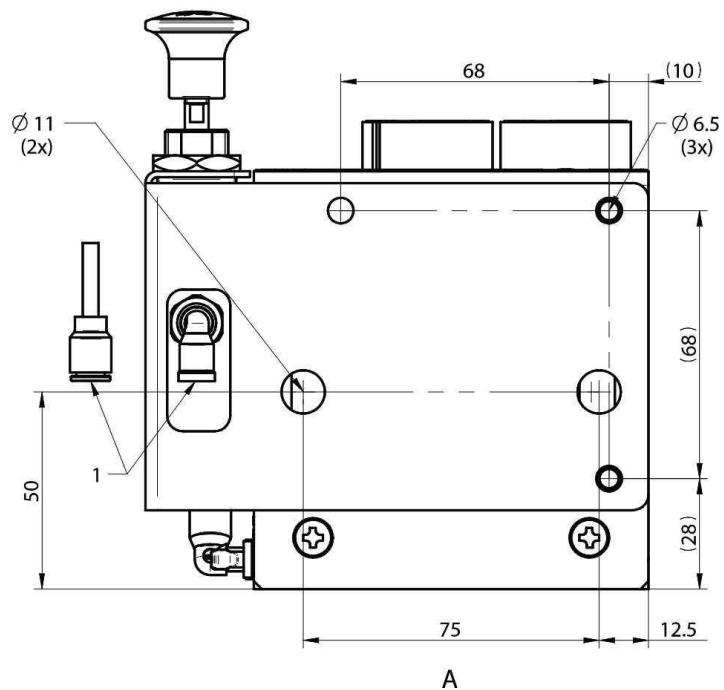
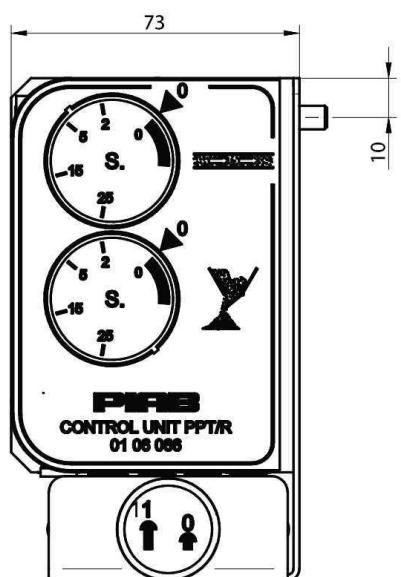
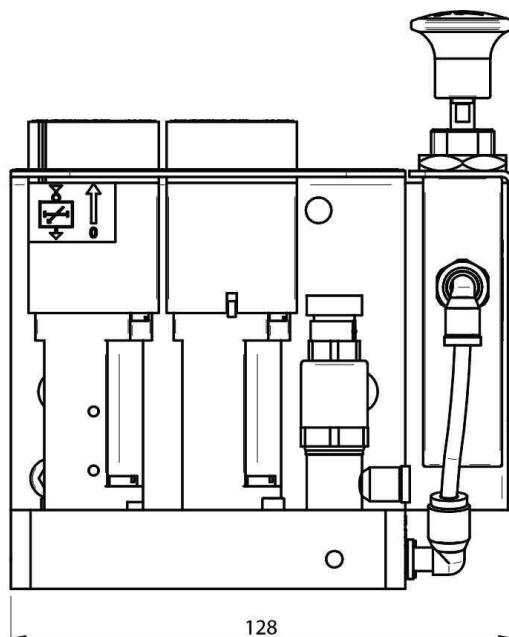
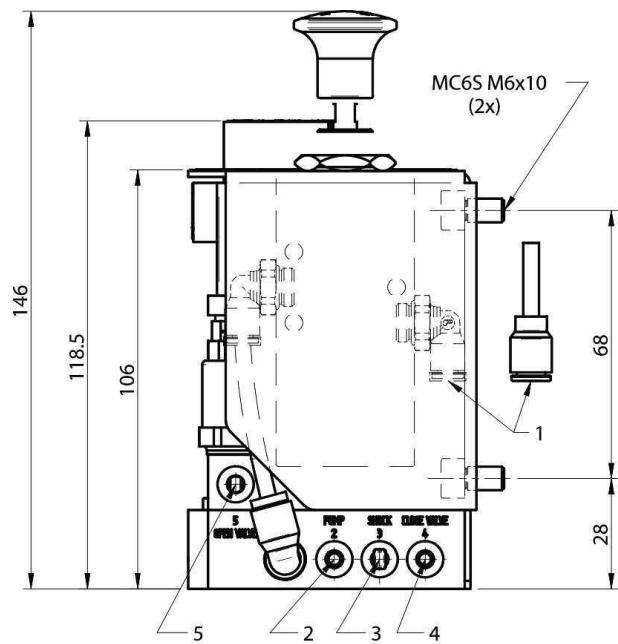
## General

Material	Al, PA
Particle size	5 µm
Temperature	0 – 50 °C
Weight	1.3 kg

## Performance

Feed pressure	0.4 – 0.6 MPa
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## Dimensional drawings



# Control unit CU-1B, bottom valve NC, 0207355



- Controls the functions of the conveyor
- Fully pneumatic
- The maximum recommended distance between the conveyor and control unit is 10 metres when feed pressure is 0.6 MPa
- Function of the CU-1/2A: the bottom valve is open when the conveyor is shut off
- Function of the CU-1/2B: the bottom valve is closed when the conveyor is shut off
- Function of the CU-2: equipped with pipe emptying function between every conveying cycle

## General

Material	ASTM 316L
Temperature	0 – 50 °C
Weight	4.09 kg

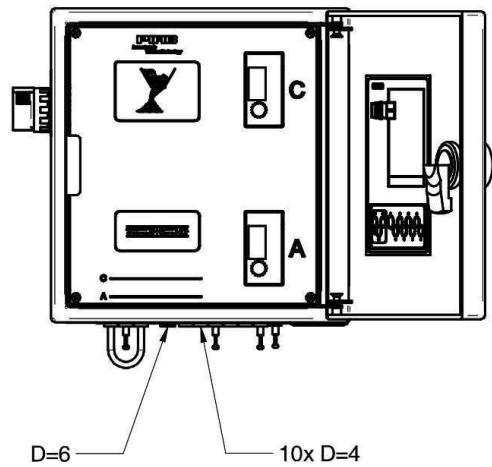
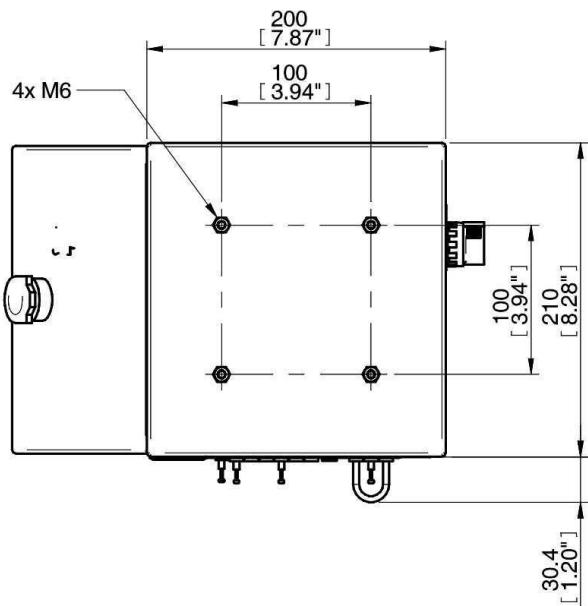
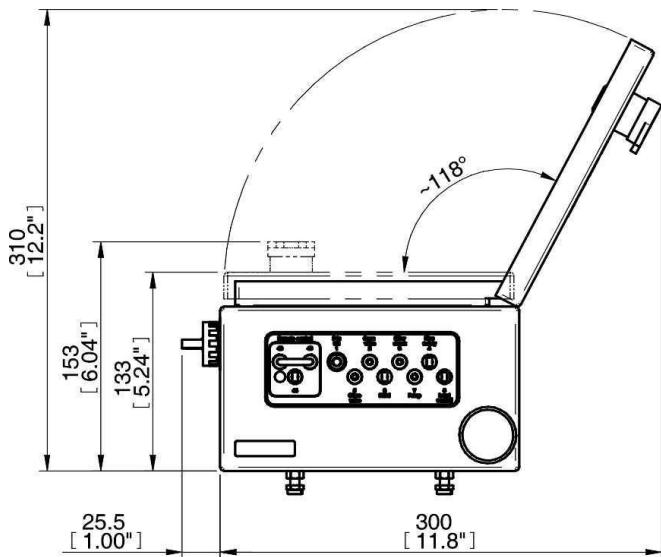
## Performance

Feed pressure	0.4 – 0.6 MPa
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## Electrical data

Safety classification	IP54
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## Dimensional drawings



# Container module half 21, 33 & 56



- To weld on receiving hopper or suction point.

## Technical data

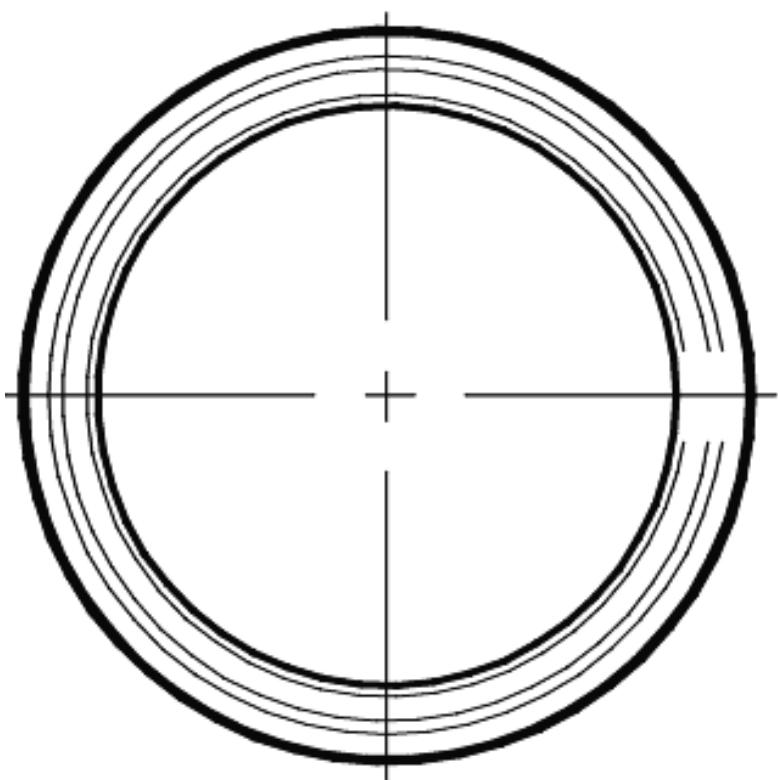
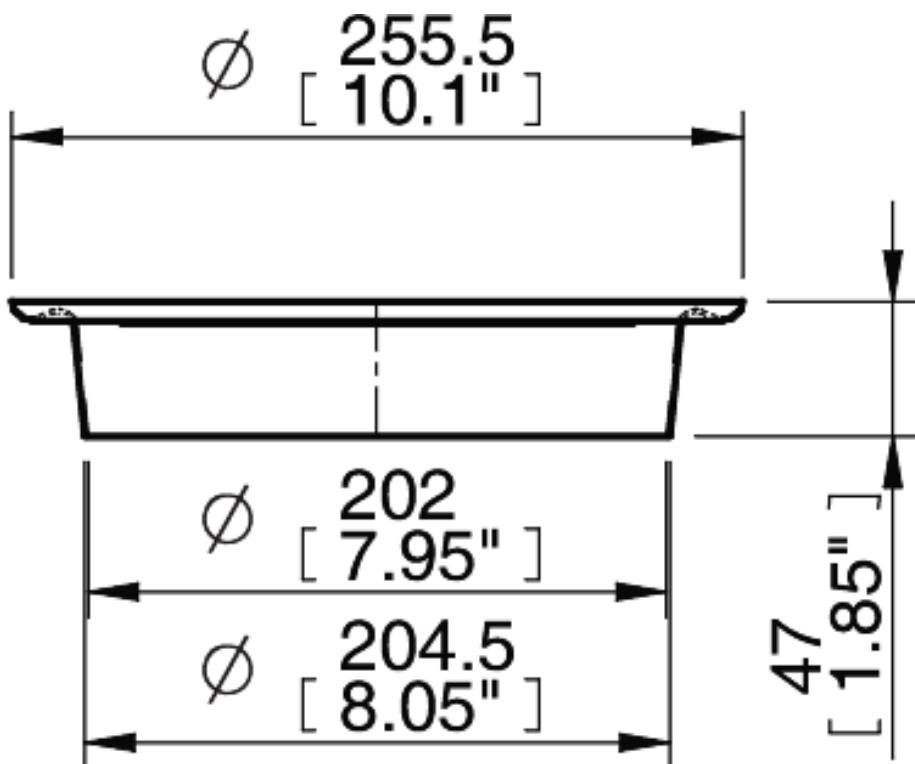
Description	Unit	Value
Material		ASTM 316L
Finish	Ra	0.6

## Technical data, specific

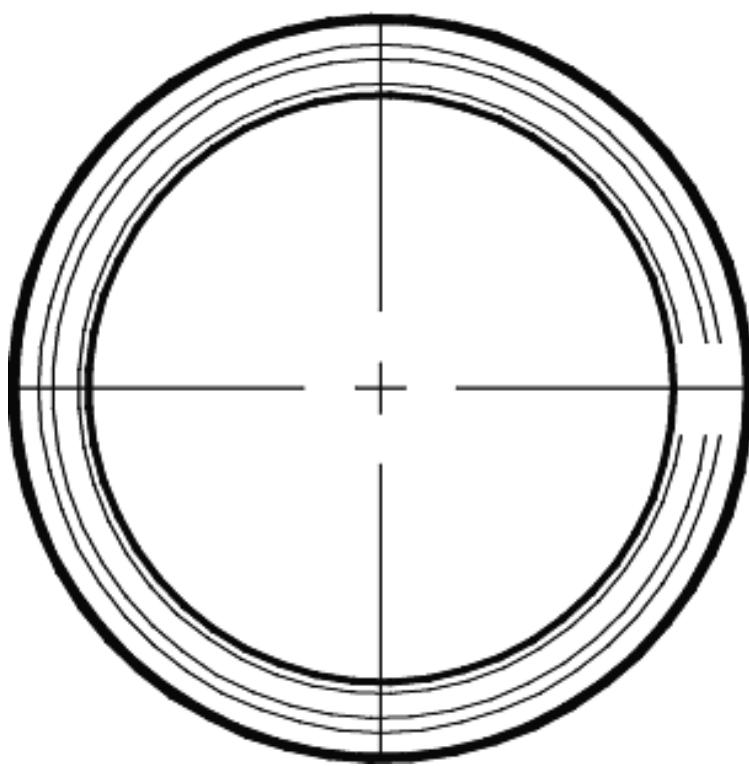
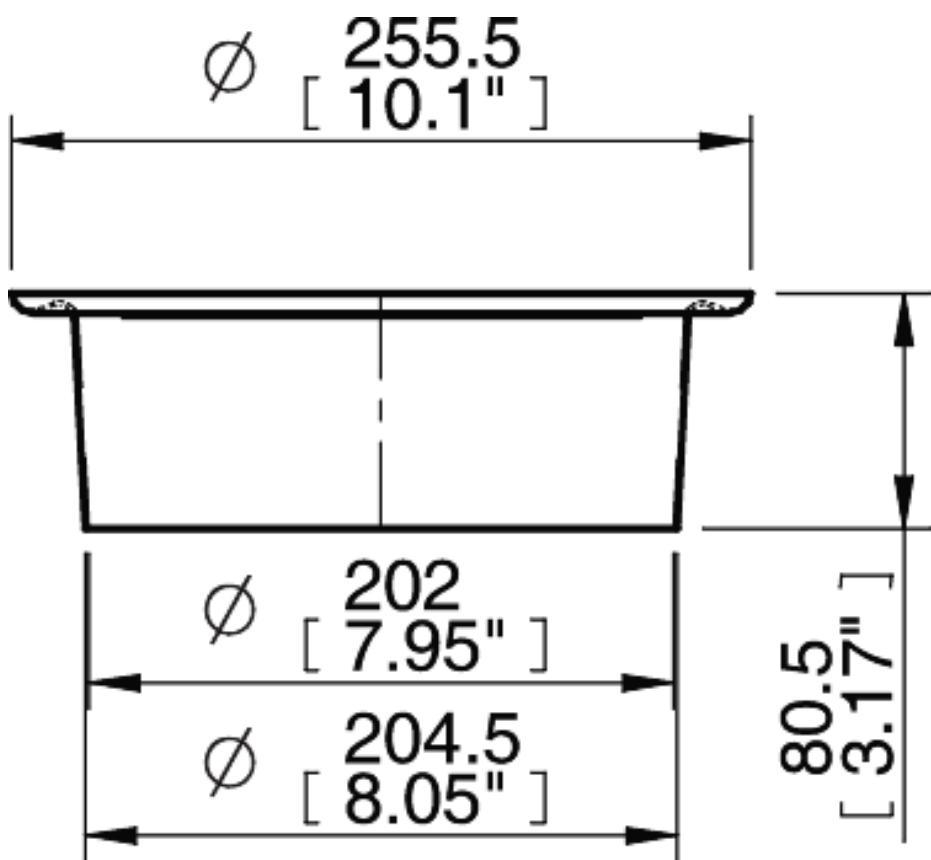
Description	Unit	Value				
		0107512	0107511	0107509	0107510	0108526
Volume	l	1.6	2.7	5.1	10.9	18.9
Weight	kg	0.46	0.66	0.85	1.56	2.11

#### Ordering information

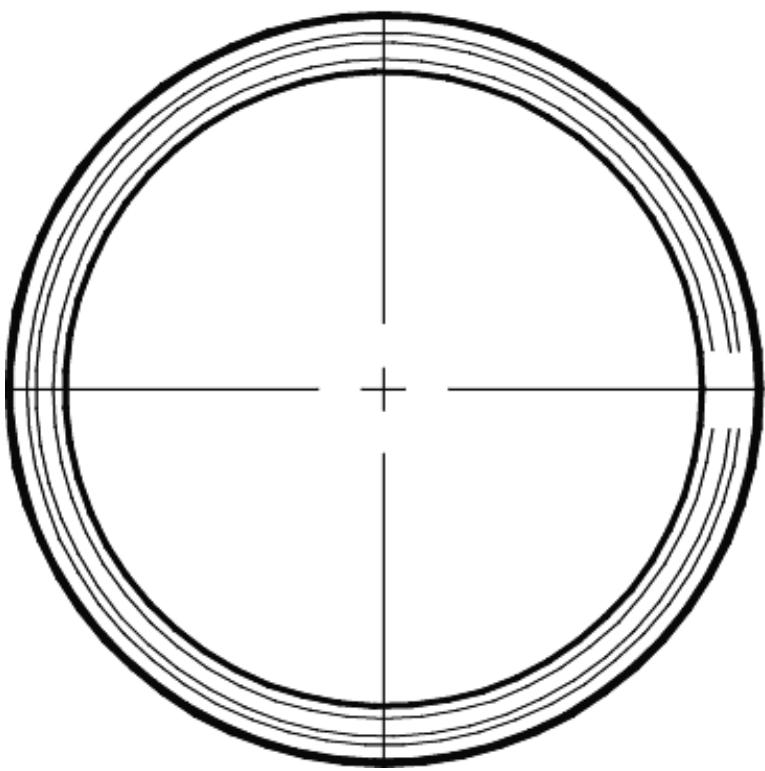
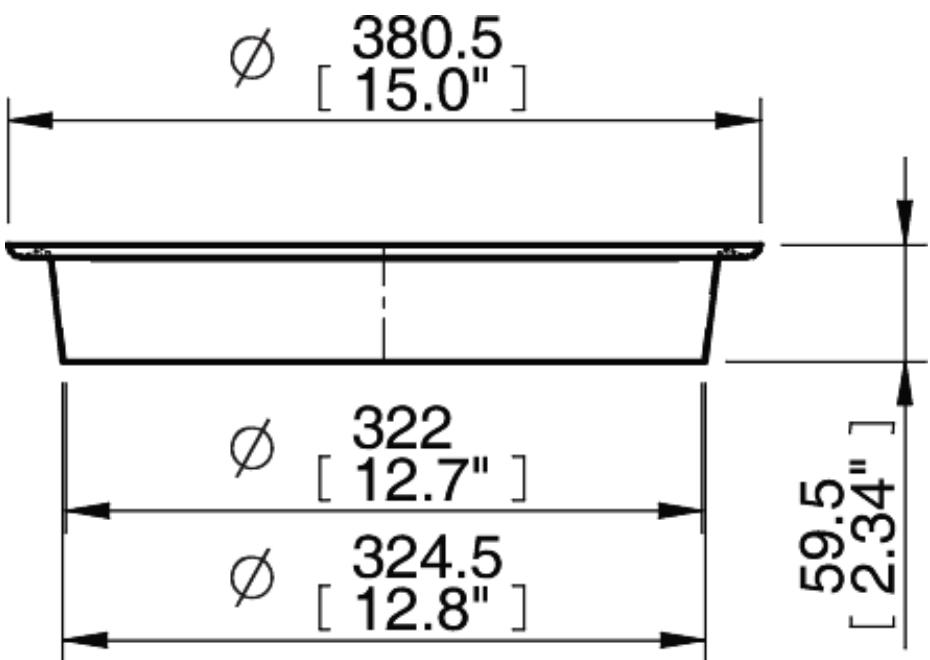
	Description	Art. No.
A	Container module half 21/5	0107512
B	Container module half 21/8	0107511
C	Container module half 33/6	0107509
D	Container module half 33/13	0107510
E	Container module half 56/8	0108526



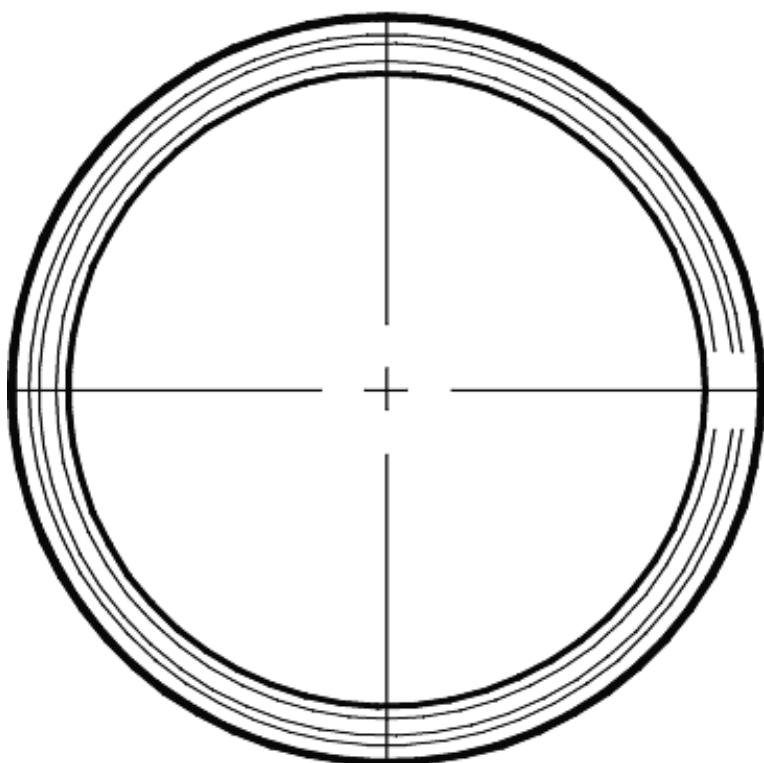
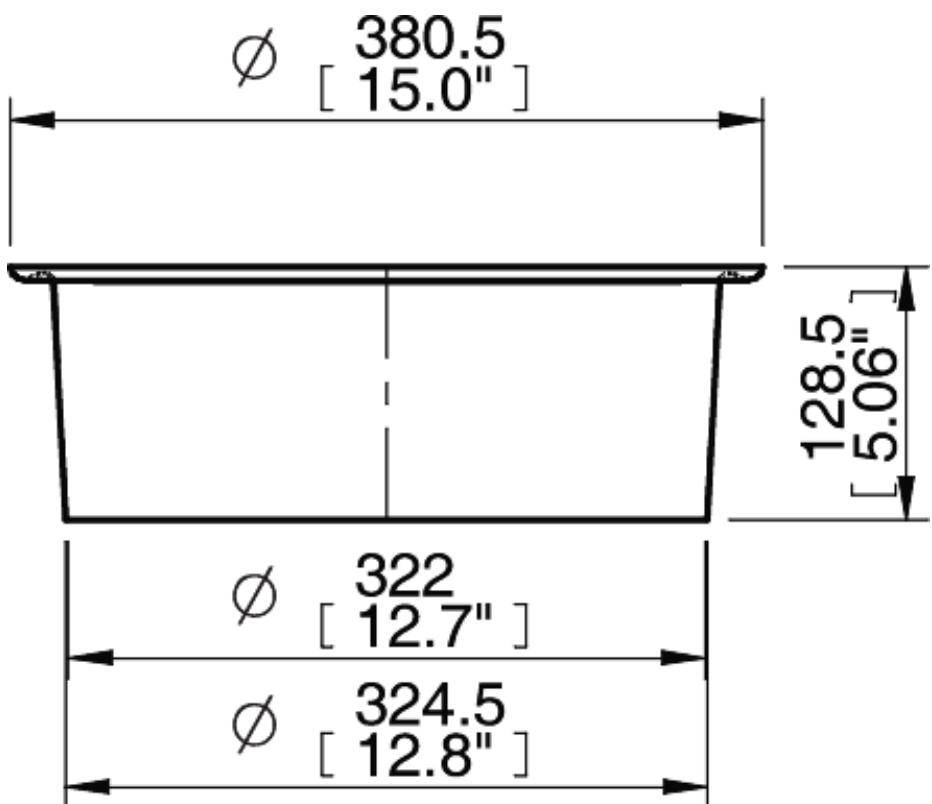
A



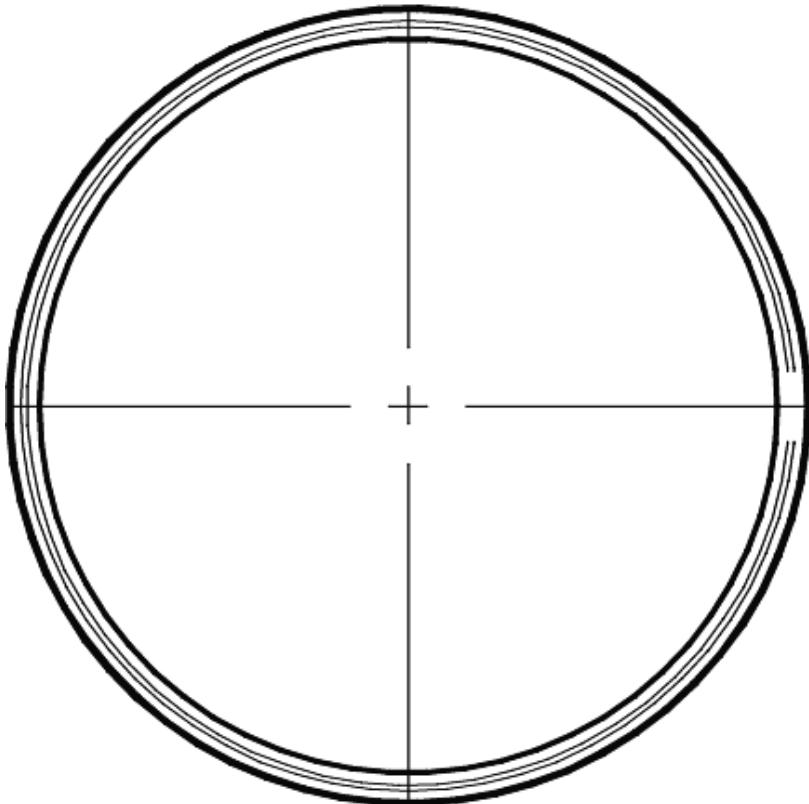
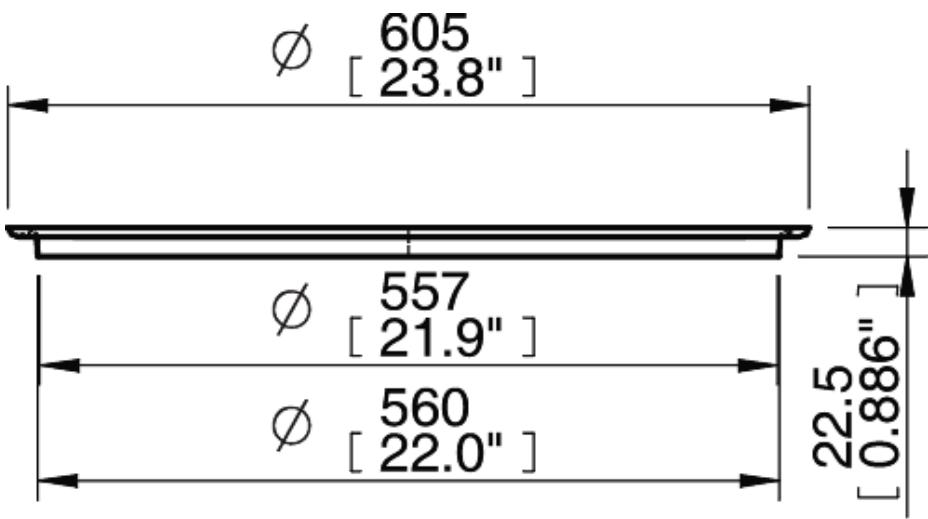
B



C



D



E

Ordering information,  
accessories

Description	Art. No.
Module seal 21 NBR	0103946/1
Module seal 21 Q	0103946/2
Clamp ring 21 cpl	0103972
Module seal 33 NBR	0103948/1
Module seal 33 Q	0103948/2
Clamp ring 33 cpl	0103977
Module seal 56 NBR	0106142/1
Module seal 56 Q	0106142/2
Clamp ring 56 cpl	0106127

## Cone for welding



- ▶ 21 and 33 interface to Piab piFLOW®p conveyors
- ▶ Welding interface to customer equipment
- ▶ Popular interface dimensions to customer equipment
- ▶ Simplifies local adaptations

### Technical data

Description	Unit	Value
Material		ASTM 316L
Finish	Ra	0.6

### Technical data, specific

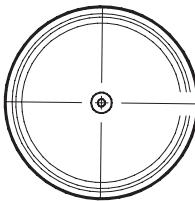
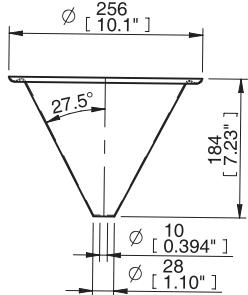
Description	Unit	Value 0119006	Value 0202195
Volume	l	2.6	7.6
Weight	kg	1.0	1.5

# Conveyors piFLOW®p Conveyor body

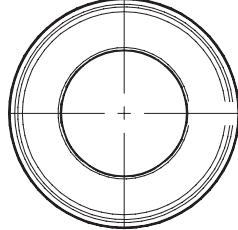
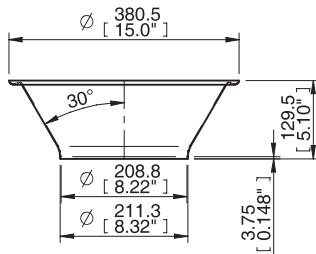


## Ordering information

	Description	Art. No.
A	Cone for welding 21/18	0119006
B	Cone for welding 33/13	0202195



A



B

## Ordering information, accessories

Description	Art. No.
Module seal 21 NBR	0103946/1
Module seal 21 Q	0103946/2
Clamp ring 21 cpl	0103972
Module seal 33 NBR	0103948/1
Module seal 33 Q	0103948/2
Clamp ring 33 cpl	0103977

## Cone 33 with pipe stud



- ▶ 33 interface to Piab piFLOW®p conveyors
- ▶ Hose or welding interface to customer equipment
- ▶ Popular stud interface dimensions to customer equipment
- ▶ Simplifies local adaptations

### Technical data

Description	Unit	Value
Material		ASTM 316L
Finish	Ra	0.6

### Technical data, specific

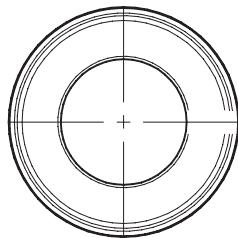
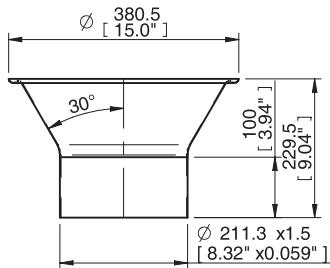
Description	Unit	0110012	Value	0120100	0125010
Volume	l	11.0	9.7	9.4	
Weight	kg	1.7	2.5	2.1	

# Conveyors piFLOW®p Conveyor body

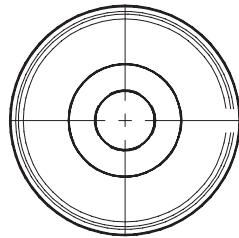
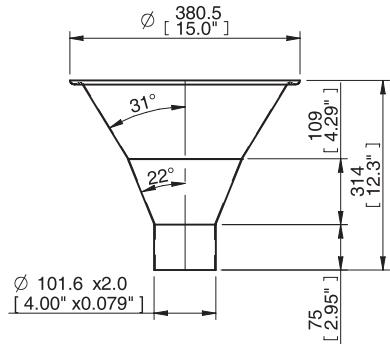


## Ordering information

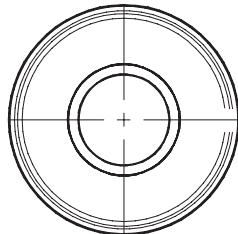
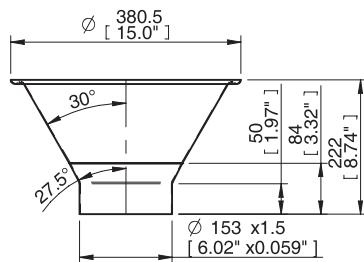
	Description	Art. No.
A	Cone 33/23 with pipe stud Ø211.3x1.5	0110012
B	Cone 33/24 with pipe stud Ø101.6x2.0	0120100
C	Cone 33/22 with pipe stud Ø153x1.5	0125010



A



B



C

## Ordering information, accessories

Description	Art. No.	
Module seal 33 NBR	0103948/1	ABCD
Module seal 33 Q	0103948/2	ABCD
Clamp ring 33 cpl	0103977	ABCD
Hose clear PVC 100 per metre	3404133	B
Hose clamp D=104-138	3113825	B

# Suction line connection parts



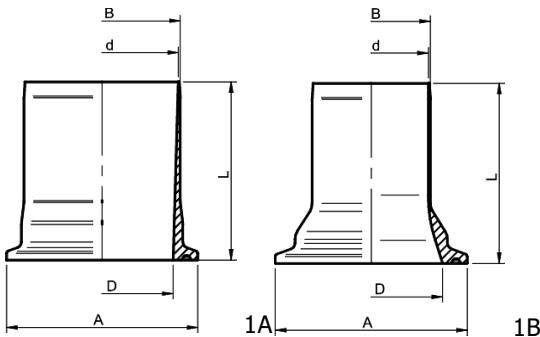
• Make the installation of conveying pipe and hose easier

## Technical data

Description	Unit	Value
Material		ASTM 316L, EPDM, ASTM 316
Finish, inside surface electropolished	Ra	0.4

## Dimensions Hose connector TC

Description	Art. No.	Weight kg	For hose dim d mm	A	D	d	B	L
				mm	mm	mm	mm	mm
1A Hose connector TC 1"SMS - Ø25 cpl	0201791	0.429	25	50.5	22.6	25	26	42
1B Hose connector TC2"OD - Ø32 cpl	0129749	0.402	32	64	47.5	32	33.2	85
1B Hose connector TC2"OD - Ø38 cpl	0201792	0.363	38	64	47.5	38	39.4	60
1A Hose connector TC2"OD - Ø51 cpl	0201793	0.402	51	64	47.5	51	52.3	60
1B Hose connector TC3"OD - Ø51 cpl	0201796	0.851	51	91	72.9	51	52.3	85
1B Hose connector TC3"OD - Ø63 cpl	0201794	0.752	63	91	72.9	63	64.5	60
1A Hose connector TC3"OD - Ø76 cpl	0201795	0.824	76	91	72.9	76	77.8	60
1B Hose connector TC4"OD - Ø76 cpl	0201798	1.24	76	119	97.4	76	77.8	85
1A Hose connector TC4"OD - Ø102 cpl	0201797	1.15	102	119	97.4	102	103.8	60



**Ordering information TC25 to  
hose 25**

Description		Art. No.
5	Hose connector TC 1"SMS - Ø25 cpl	0201791
consisting of:		
1	Hose stud TC 1"SMS-Ø25	0126411
2	Clamp sealing Ø25x1.2 EPDM FDA	0104038
3	Clamp ring 25, stainless steel, cast	0104042
4	Hose clamp D=26-38	3113822

**Ordering information TC51 to  
hose 32**

Description		Art. No.
5	Hose connector TC2"OD - Ø32 cpl	0129749
consisting of:		
1	Hose stud TC 2" OD-Ø32	0128767
2	Clamp sealing Ø50.8x1.65 EPDM FDA	0117557
3	Clamp ring 51, stainless steel, cast	0104043
4	Hose clamp D=32-44	3113823

**Ordering information TC51 to  
hose 38**

Description		Art. No.
5	Hose connector TC2"OD - Ø38 cpl	0201792
consisting of:		
1	Hose stud TC 2"OD-Ø38	0120670
2	Clamp sealing Ø50.8x1.65 EPDM FDA	0117557
3	Clamp ring 51, stainless steel, cast	0104043
4	Hose clamp D=38-50	3113725

**Ordering information TC51 to  
hose 51**

Description		Art. No.
5	Hose connector TC2"OD - Ø51 cpl	0201793
consisting of:		
1	Hose stud TC 2"OD-Ø51	0120794
2	Clamp sealing Ø50.8x1.65 EPDM FDA	0117557
3	Clamp ring 51, stainless steel, cast	0104043
4	Hose clamp D=50-65	3113824

Ordering information TC76 to  
hose 51

	Description	Art. No.
5	Hose connector TC3"OD - Ø51 cpl	0201796
	consisting of:	
1	Hose stud TC 3"OD-Ø51	0128768
2	Clamp sealing Ø76.1x1.6 EPDM FDA	0104040
3	Clamp ring 76, stainless steel, cast	0104044
4	Hose clamp D=50-65	3113824

Ordering information TC76 to  
hose 63

	Description	Art. No.
5	Hose connector TC3"OD - Ø63 cpl	0201794
	consisting of:	
1	Hose stud TC 3"OD-Ø63	0120674
2	Clamp sealing Ø76.1x1.6 EPDM FDA	0104040
3	Clamp ring 76, stainless steel, cast	0104044
4	Hose clamp D=68-85	3113696

Ordering information TC76 to  
hose 76

	Description	Art. No.
5	Hose connector TC3"OD - Ø76 cpl	0201795
	consisting of:	
1	Hose stud TC 3"OD-Ø76	0120795
2	Clamp sealing Ø76.1x1.6 EPDM FDA	0104040
3	Clamp ring 76, stainless steel, cast	0104044
4	Hose clamp D=77-95	0201809

Ordering information TC102 to  
hose 76

	Description	Art. No.
5	Hose connector TC4"OD - Ø76 cpl	0201798
	consisting of:	
1	Hose stud TC 4"OD-Ø76	0128769
2	Clamp sealing Ø101.6x2.0 EPDM FDA	0114719
3	Clamp ring 102, stainless steel, cast	0104045
4	Hose clamp D=77-95	0201809

Ordering information TC102 to  
hose 102

	Description	Art. No.
5	Hose connector TC4"OD - Ø102 cpl	0201797
	consisting of:	
1	Hose stud TC 4"OD-Ø102	0128729
2	Clamp sealing Ø101.6x2.0 EPDM FDA	0114719

3	Clamp ring 102, stainless steel, cast	0104045
4	Hose clamp D=104-138	3113825

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Ordering information,  
accessories

Description	Art. No.
Hose clear PVC 25 per metre	0115068
Hose clear PVC 32 per metre	3404108
Hose clear PVC 38 per metre	0129787
Hose clear PVC 50 per metre	3404131
Hose clear PVC 63 per metre	0129788
Hose clear PVC 75 per metre	3404132
Hose clear PVC 100 per metre	3404133

For easier assembly, warm the hose. Expose the embedded grounding wire and fold it in to prevent build-up of static electricity.

## PIPE FITTINGS, STRAIGHT



- ▶ Fulfils the requirements of FDA.
- ▶ Antistatic.
- ▶ Hose clamp not included.

## TECHNICAL DATA

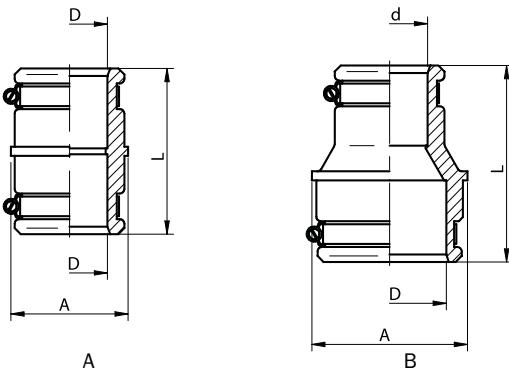
Description	Unit	Value
Material		NBR
Temperature range	°C	-20–125

## TECHNICAL DATA, SPECIFIC

Description	Art. No.	Weight kg	D mm	d mm	A mm	L mm
Pipe fitting straight 22x22	3404137	0.060	22.0	—	40.0	82.0
Pipe fitting straight 32 x 32	3404136	0.080	32.0	—	50.0	82.0
Pipe fitting straight 40x40	3404135	0.140	40.0	—	64.0	98.0
Pipe fitting straight 50x50	3404121	0.230	51.0	—	78.0	110.0
Pipe fitting straight 75x75	3404119	0.360	76.1	—	103.6	130.0
Pipe fitting straight 100x100	3404134	0.600	101.6	—	130.0	150.0
Pipe fitting straight reducer 32x22	3404141	0.080	32.0	22.0	50.0	82.0
Pipe fitting straight reducer 40x32	3404140	0.130	40.0	32.0	64.0	98.0
Pipe fitting straight reducer 50x40	3404139	0.210	51.0	40.0	78.0	110.0
Pipe fitting straight reducer 75x50	3404120	0.340	76.1	51.0	103.6	130.0
Pipe fitting straight reducer 100x75	3404138	0.540	101.6	76.1	130.0	150.0

## ORDERING INFORMATION

Description	Art. No.
A Pipe fitting straight 22x22	3404137
A Pipe fitting straight 32x32	3404101
A Pipe fitting straight 40x40	3404135
A Pipe fitting straight 50x50	3404121
A Pipe fitting straight 75x75	3404119
A Pipe fitting straight 100x100	3404134
B Pipe fitting straight reducer 32x22	3404141
B Pipe fitting straight reducer 40x32	3404140
B Pipe fitting straight reducer 50x40	3404139
B Pipe fitting straight reducer 75x50	3404120
B Pipe fitting straight reducer 100x75	3404138



## ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Hose clamp D=26-38	3113822
Hose clamp D=32-44	3113823
Hose clamp D=44-56	3113695
Hose clamp D=50-65	3113824
Hose clamp D=68-85	3113696
Hose clamp D=104-138	3113825

# Suction pipes



## Suction pipes

- For picking up powders and granules from barrels, hoppers and bags.
- The amount of carrying air can be adjusted via the ball valve, to allow for optimum air to product ratio.
- The inlet of the suction pipe is equipped with an arched steel wire to prevent bags from being drawn in to the pipe.
- The suction pipe diameter range matches the conveyor inlet and piping size range.

### Technical data

Description	Unit	Value
Material		ASTM 304, CuNi
Finish	Ra	Pickled, general product contact surfaces: Ra≤0.8

### Technical data, specific

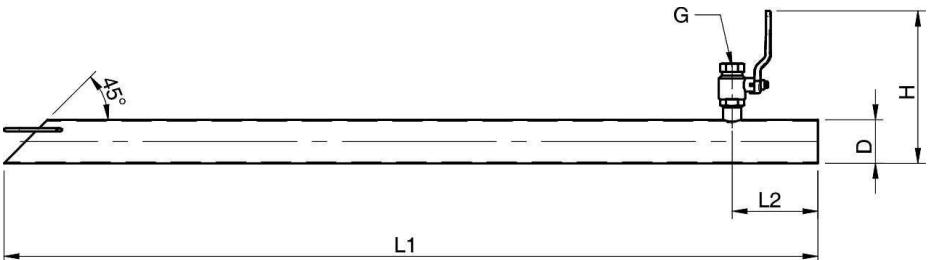
Description	Unit	Value	0113921	0126075	0202336	0202347	0126095
Weight	kg	1.03		1.63	2.09	3.12	3.63

### Dimensions

Description		D	H	L1	L2	G
		Ø mm	mm	mm	mm	in
Suction pipe 32 with ball valve		32.0 × 1.2	149	950	100	3/8"
Suction pipe 38 with ball valve		38 .1× 1.65	167	950	100	1/2"
Suction pipe 50 with ball valve		50.8 × 1.65	178	950	100	1/2"
Suction pipe 63 with ball valve		63.5 × 1.65	231	1050	125	1"
Suction pipe 76 with ball valve		76.2 × 1.65	244	1050	125	1"

## Ordering information

Description	Art. No.
Suction pipe 32 with ball valve	0113921
Suction pipe 38 with ball valve	0126075
Suction pipe 50 with ball valve	0202336
Suction pipe 63 with ball valve	0202347
Suction pipe 76 with ball valve	0126095



## Ordering information, accessories

Description	Art. No.
Hose clear PVC 32 per metre	3404108
Hose clear PVC 38 per metre	0129787
Hose clear PVC 50 per metre	3404131
Hose clear PVC 63 per metre	0129788
Hose clear PVC 75 per metre	3404132
Hose clamp D=26-38	3113822
Hose clamp D=32-44	3113823
Hose clamp D=44-56	3113695
Hose clamp D=68-85	3113696
Hose clamp D=77-95	0201809
Vacuum filter G3/8" (10 µm)	3116671
Vacuum filter G1/2" (10 µm)	3116651
Vacuum filter G1" (10 µm)	3116672

## Feed nozzles 25, 32, 38, 51, 63



- ▶ Polished  $\leq Ra 0.8$ .
- ▶ To pick up the product in a smooth manner.
- ▶ Adjustable air intake at two places.
- ▶ Available with TC connection

### Technical data

Description	Value
Material	ASTM 316L, POM
Finish	Electropolished, Generall product contact surfaces: $Ra \leq 0.8$

### Technical data specific, feed nozzle

Description	Unit	0202675	0202612	Value	0202617	0202633	0202636
Weight	kg	2.11	2.89		3.40	3.42	5.86

### Technical data specific, feed nozzle TC

Description	Unit	0202674	0202606	Value	0202596	0202570	0202619
Weight	kg	2.18	2.95		3.46	3.50	5.96

### Ordering information, feed nozzle

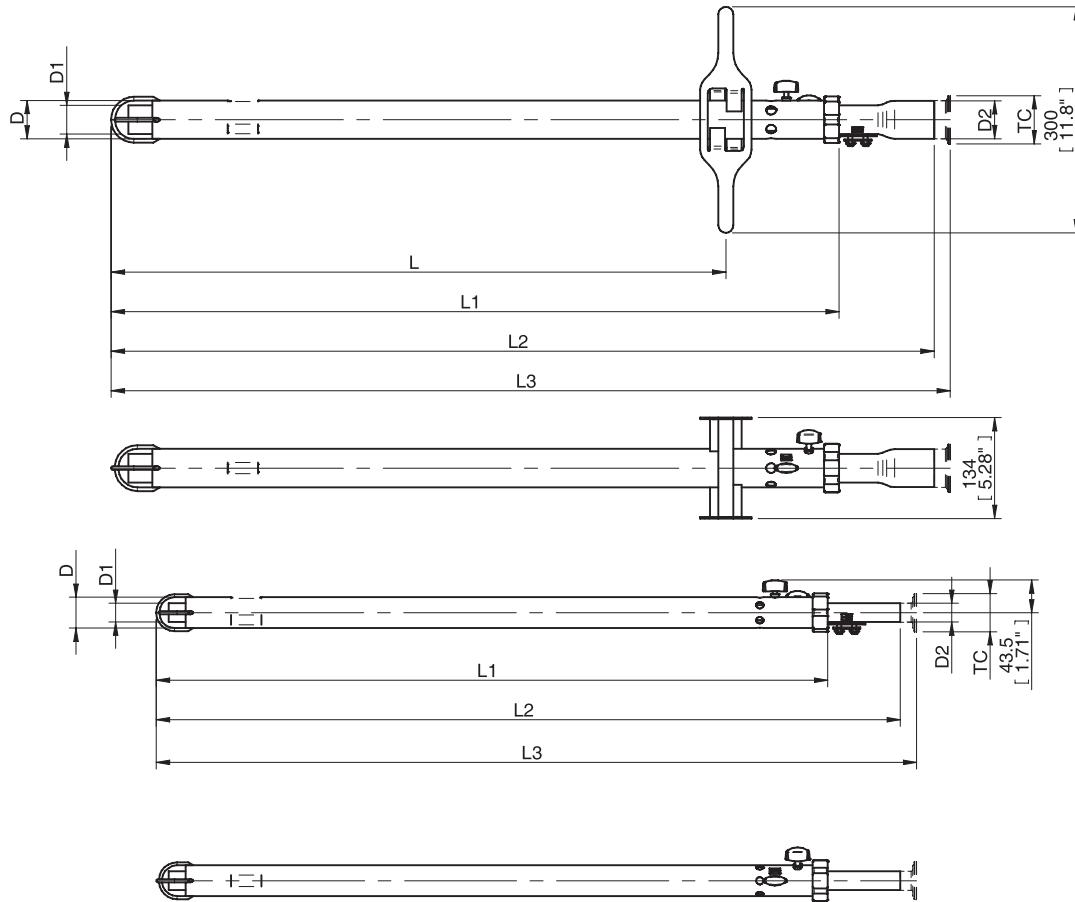
Description	Art. No.
Feed nozzle 25 without handle	0202675
Feed nozzle 32	0202612
Feed nozzle 38	0202617
Feed nozzle 51	0202633
Feed nozzle 63	0202636

### Ordering information, feed nozzle TC

Description	Art. No.
Feed nozzle 25 TC without handle	0202674
Feed nozzle 32 TC	0202606
Feed nozzle 38 TC	0202596
Feed nozzle 51 TC	0202570
Feed nozzle 63 TC	0202619

### Ordering information, accessories

Description	Art. No.
Hose connector kit TC 25x1.2	0202966
Hose connector kit TC 32x1.2	0202967
Hose connector kit TC 38x1.2	0202968
Hose connector kit TC 50x1.65	0202969
Hose connector kit TC 63x1.65	0202970



## Dimensions, feed nozzle

Description	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm
Feed nozzle 25 without handle	41x1.5	25x1.2	25x1.2	-	889	985-1008
Feed nozzle 32	51x1.2	32x1.2	32x1.2	814.5	964.5	1091-1123
Feed nozzle 38	51x1.2	38.1x1.65	38.1x1.65	814.5	964.5	1091-1123
Feed nozzle 51	51x1.2	38.1x1.65	50.3x1.4	814.5	964.5	1091-1123
Feed nozzle 63	70x2	50.8x1.65	63x1.4	915	1075	1201-1243

## Dimensions, feed nozzle TC

Description	D Ø mm	D1 Ø mm	D2 Ø mm	TC Ø mm	L mm	L1 mm	L3 mm
Feed nozzle 25 TC without handle	41x1.5	25x1.2	25x1.2	50.5	-	889	1006-1029
Feed nozzle 32 TC	51x1.2	32x1.2	32x1.2	50.5	814.5	964.5	1112-1144
Feed nozzle 38 TC	51x1.2	38.1x1.65	38.1x1.65	50.5	814.5	964.5	1112-1144
Feed nozzle 51 TC	51x1.2	38.1x1.65	50.3x1.4	64	814.5	964.5	1112-1144
Feed nozzle 63 TC	70x2	50.8x1.65	63x1.4	77.5	915	1075	1225.5-1264.5

## Feed adapters with piFLOW®i/f interface



- ▶ To suit Piab feed station or transition pieces for piFLOW® i/f.
- ▶ Pickled  $\leq$  Ra 0.8 in product contact zone

### Technical data

Description	Unit	Value
Material		ASTM 304, CuNi
Temperature, range	°C	0–60

### Technical data, specific

Description	Art. No.	Weight kg
Feed adapter D=32, piFLOW® i/f	0202889	1.83
Feed adapter D=38, piFLOW® i/f	0202895	2.09
Feed adapter D=50, piFLOW® i/f	0205111	2.49
Feed adapter D=63, piFLOW® i/f	0202901	2.65
Feed adapter D=75, piFLOW® i/f	0202904	3.81

# Conveyors C Accessories

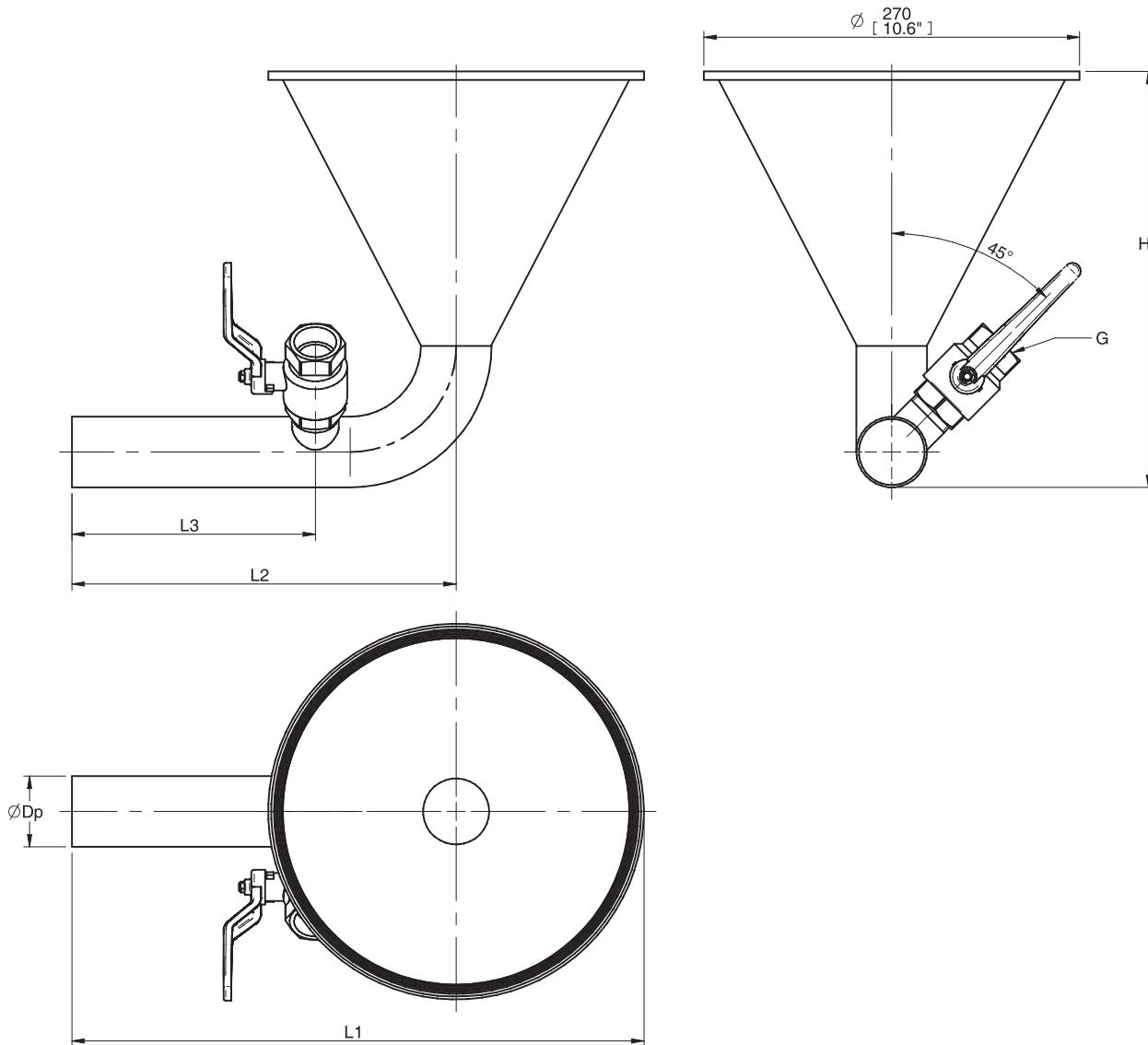


**Ordering information, note; clamp ring and sealing ordered separately**

Description	Art. No.
Feed adapter D=32, piFLOW® i/f	0202889
Feed adapter D=38, piFLOW® i/f	0202895
Feed adapter D=50, piFLOW® i/f	0205111
Feed adapter D=63, piFLOW® i/f	0202901
Feed adapter D=75, piFLOW® i/f	0202904

**Ordering information, accessories**

Description	Art. No.
Clamp ring 250 cpl.piFLOW®i	0126331
Clamp ring 250 cpl SS, piFLOW®f	0128990
U-shape seal ID=250 t=2mm, piFLOW®i	0125967
U-shape seal ID=250 t=2mm, piFLOW®f	0128998



## Dimensions

Description	Dp mm	H mm	L1 mm	L2 mm	L3 mm	G
Feed adapter D=32, piFLOW® i/f	Ø 32x1.2	295	400	265	175	1/2"
Feed adapter D=38, piFLOW® i/f	Ø 38.1x1.65	285	391	256	175	3/4"
Feed adapter D=50, piFLOW® i/f	Ø 50.8x1.65	299	411	276	175	1"
Feed adapter D=63, piFLOW® i/f	Ø 63.5x1.65	312	430	295	175	1"
Feed adapter D=75, piFLOW® i/f	Ø 76.1x1.6	325	449	314	175	1 1/4"

## Feed adapters with universal flange



- ▶ Polished  $\leq Ra 0.8$ .
- ▶ For mounting on customer's feed hopper.
- ▶ Is suitable for European style size 200, pressure class PN10 in accordance with DIN 2632, ISO dimension.
- ▶ Is suitable for American style size 8, ANSI BI 6.5 class 150.

### Technical data

Description	Unit	Value
Material feed adapter		ASTM 316L, CuNi, POM
Temperature, range	°C	0–60

### Technical data, specific

Description	Art. No.	Weight kg
Feed adapter D=25C	0202837	1.77
Feed adapter D=32C	0202838	2.10
Feed adapter D=38C	0202816	2.96
Feed adapter D=50C	0202825	3.93
Feed adapter D=63C	0202827	4.80
Feed adapter D=75C	0202844	7.46
Feed adapter D=100C	0202845	11.99
Feed adapter TC D=50C	0202823	4.01

### Technical data specific, accessories

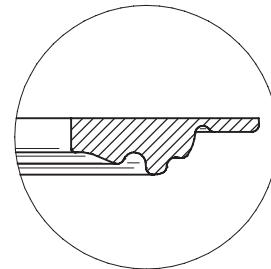
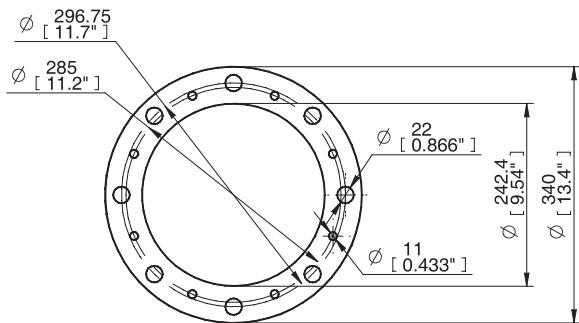
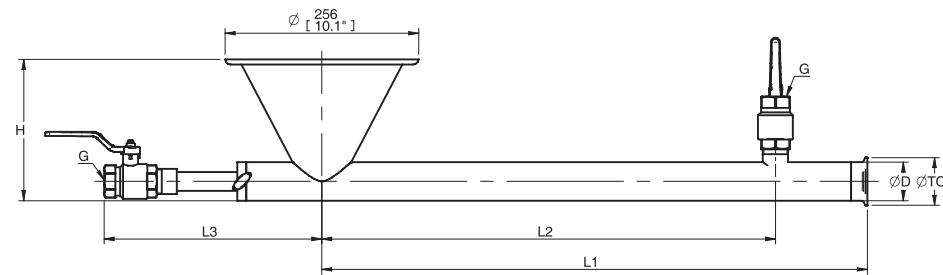
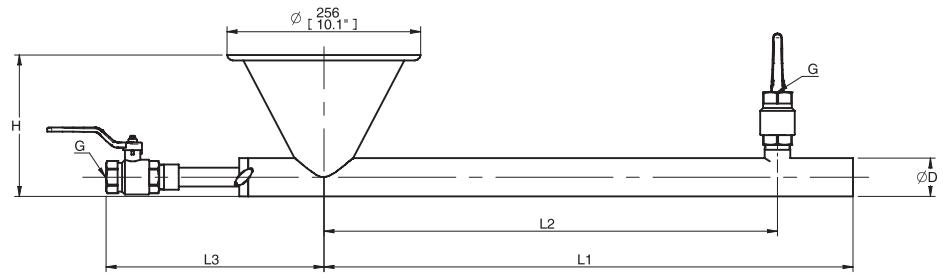
Description	Art. No.	Weight kg	Material
Loos flange Ø340/215	0202797	2.36	ASTM304L
U flange seal 21-Q	0202798	0.77	Q
U flange seal 21-NBR	0202804	0.96	NBR

### Ordering information, note; clamp ring and sealing ordered separately

Description	Art. No.
Feed adapter D=25C	0202837
Feed adapter D=32C	0202838
Feed adapter D=38C	0202816
Feed adapter D=50C	0202825
Feed adapter D=63C	0202827
Feed adapter D=75C	0202844
Feed adapter D=100C	0202845
Feed adapter TC D=50C	0202823

### Ordering information, accessories

Description	Art. No.
Loos flange Ø340/215	0202797
U flange seal 21-Q	0202798
U flange seal 21-NBR	0202804



U-flange seal

## Dimensions

Description	D mm	H mm	L1 mm	L2 mm	L3 mm	G
Feed adapter, D=25C	Ø 25x1.2	197	447	382	136–190	1/4"
Feed adapter, D=32C	Ø 32x1.2	197	525	425	155–208	1/2"
Feed adapter, D=38C	Ø 38,1x1.65	194	600	500	188–255	3/4"
Feed adapter, D=50C	Ø 50.8x1.65	188	700	600	208–288	1"
Feed adapter, D=63C	Ø 63,5x1.65	182	790	680	218–310	1"
Feed adapter, D=75C	Ø 76.1x1.6	177	925	775	252–372	1 1/4"
Feed adapter, D=100C	Ø 101.6x2.0	165	1150	1000	252–419	2"
Feed adapter TC, D=50C	Ø 50.8x1.65 (TC Ø64mm)	188	722	600	208–288	1"

## FEED STATIONS



- ▶ To store the product at the suction point.
- ▶ Polished  $\leq Ra 0.8$ .
- ▶ Available with white or antistatic (black) fluidisation cone
- ▶ Fluidisation regulator is included.

## TECHNICAL DATA

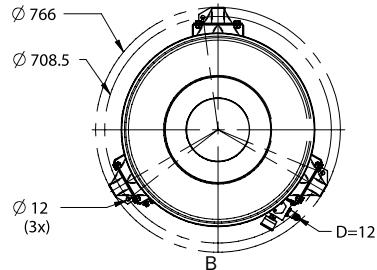
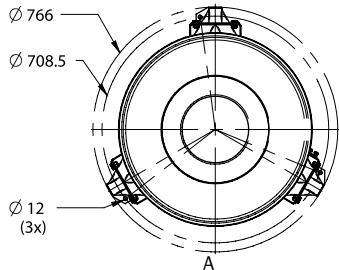
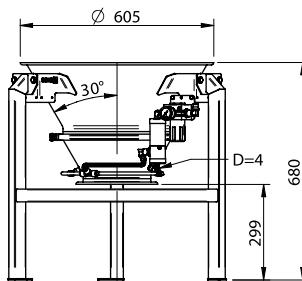
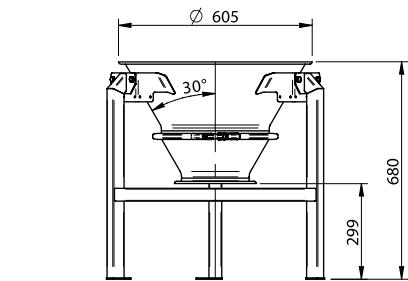
Description	Unit	Value
Material		ASTM 304, ASTM 316L
Material batch volume	l	40

## TECHNICAL DATA, SPECIFIC

Description	Unit	Value
		0117673/0117674
Material		NBR, Q
Weight	kg	23.2
		0117675/1017676
		NBR, Q
		25.5

## ORDERING INFORMATION

	Description	Art. No.
A	Feed station 40 liters, NBR	0117673
A	Feed station 40 liters, Q	0117674
B	Feed station 40 liters, fluidisation, NBR	0117675
B	Feed station 40 liters, fluidisation, Q	0117676



## Feed station for piFLOW® i/f



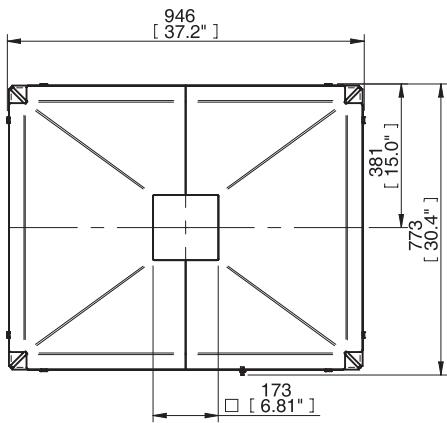
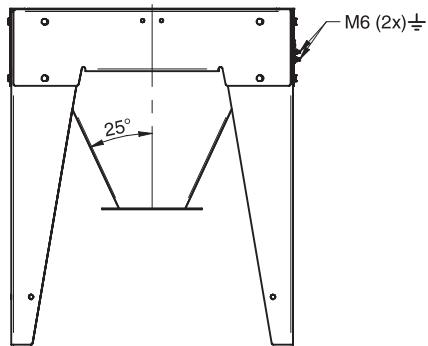
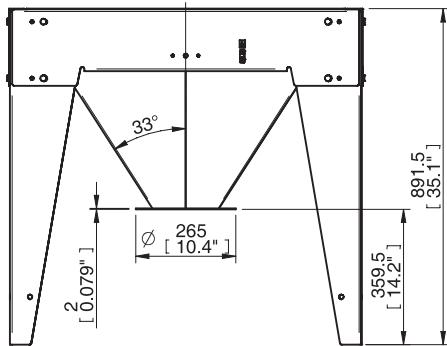
- ▶ To store the product at the suction point.
- ▶ Pickled  $\leq Ra 0.8$  in product contact zone

### Technical data

Description	Unit	Value
Material		ASTM 304
Material batch volume, operating volume	l	100
Volume, max	l	130
Weight	kg	56
Finish		Pickled, General product contact surfaces: $Ra \leq 0.8$

### Ordering information

Description	Art. No.
Feed station 100 liters, piFLOW® i/f	0205272



## Ordering information, accessories

Description	Art. No.
Grating, piFLOW® i/f	0205261
Bag shelf, piFLOW® i/f	0205273

# Hood for bag dump station, 0207524

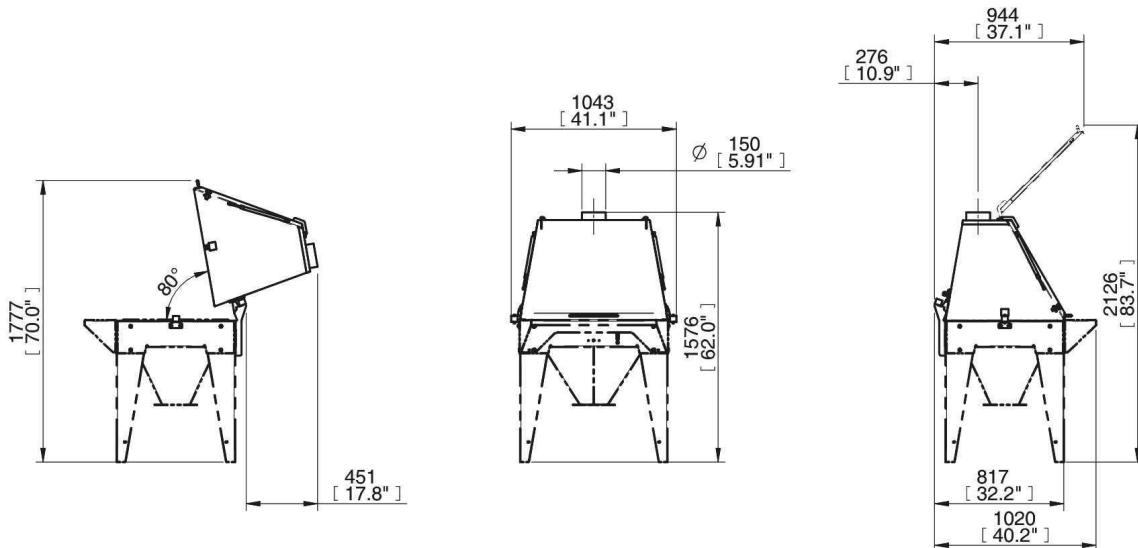


- Accessory to bag dump station
- The hood collect dust generated when dumping powder and granules.
- The hood and bag dump station reduces material waste and preventing material contamination.
- The hood has connection stud for external ventilation system to avoid dusty environment for protecting workers.
- The hood for the bag dump station has gas cylinders to make the dump of the materials easier.

## General

Finish	Pickled, General product contact surfaces: Ra≤ 0.8
Material	ASTM 304
Weight	50 kg

## Dimensional drawings



## Grating for feed station piFLOW® i/f

- ▶  $\leq \text{Ra } 0.8$
- ▶ Support for the bag



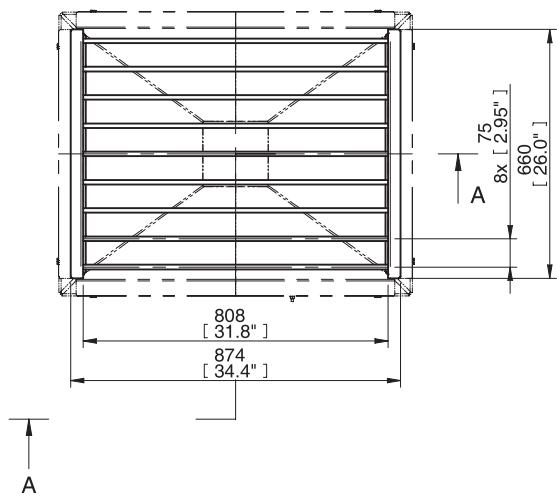
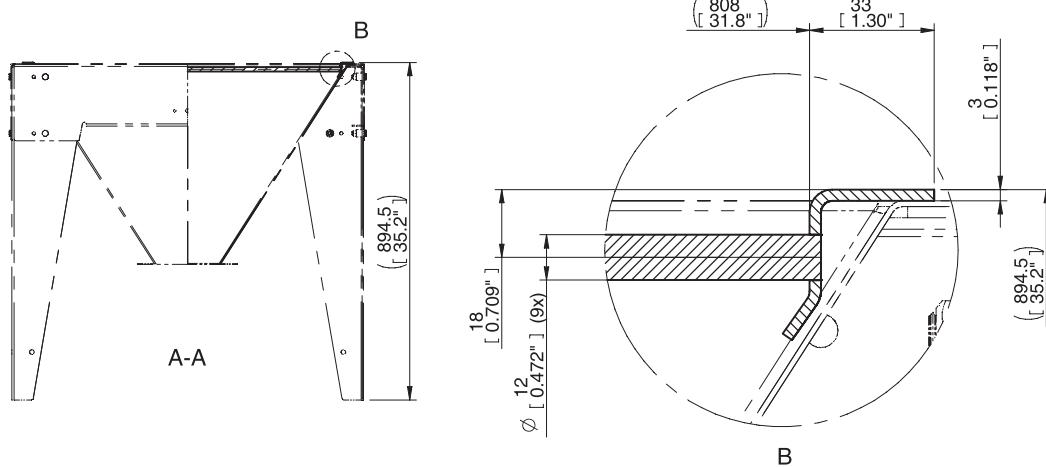
### Technical data

Description	Unit	Value 0205261
Material		ASTM 304
Weight	kg	8.61
Max load	kg	30.0
Finsih		Pickled, General product contact surfaces: Ra≤0.8

### Ordering information

Description	Art. No.
Grating, piFLOW® i/f	0205261

# Conveyors piFLOW®i/f Accessories



## Bag shelf for feed station piFLOW® i/f

- ▶ Pickled  $\leq$  Ra 0.8
- ▶ Support for the bag



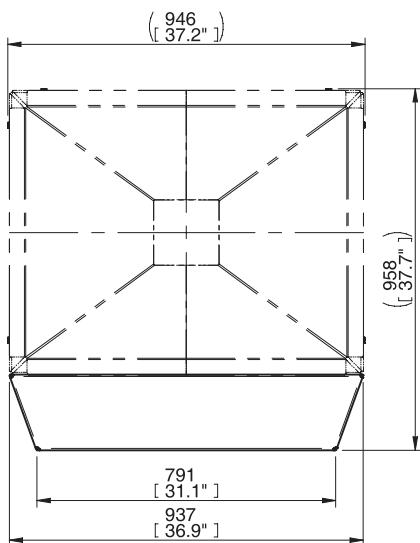
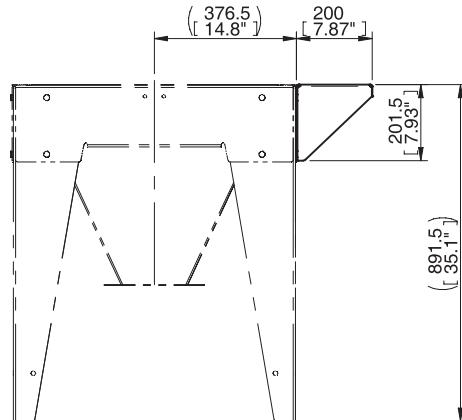
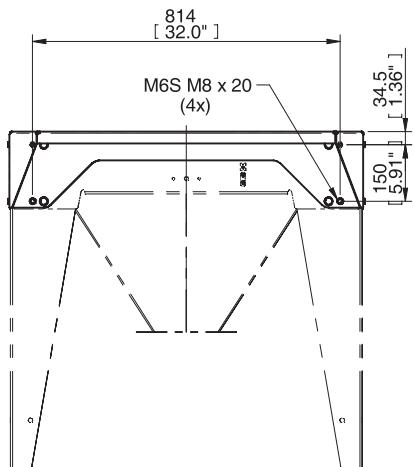
### Technical data

Description	Unit	Value 0205273
Material		ASTM 304
Weight	kg	4.34
Max load	kg	30.0
Finsih		Pickled, General product contact surfaces: Ra $\leq$ 0.8

### Ordering information

Description	Art. No.
Bag shelf, piFLOW® i/f	0205273

# Conveyors piFLOW®i/f Accessories



## Mounting girdle

► To mount the vacuum conveyor on a wall.

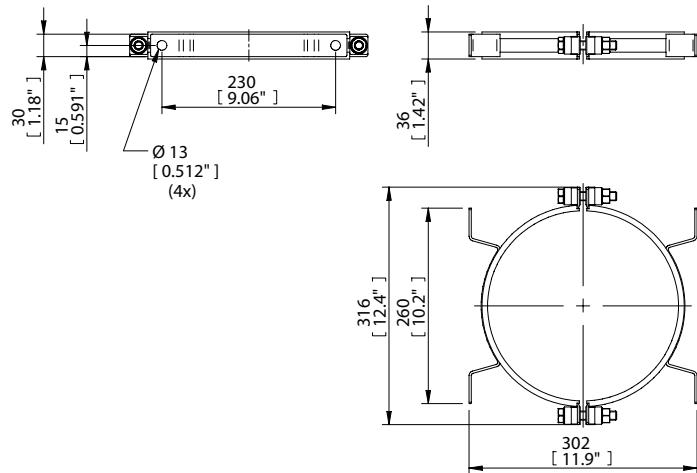


### Technical data

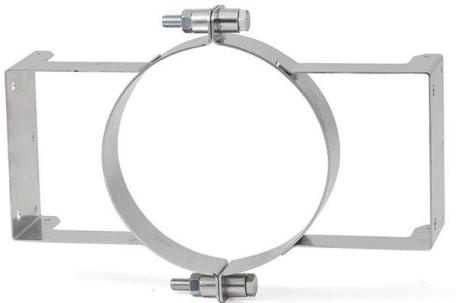
Description	Unit	Value
Material		Electro galvanized DC 04 (EN 1.0338), DC 01 (EN 1.0330), EPDM
Temperature range	°C	-40–120
Weight	kg	1.45

### Ordering information

Description	Art. No.
Mounting girdle Ø253 inside piFLOW™i	0126434



# Mounting girdle cpl. piFLOW®p Ø21, 0128721

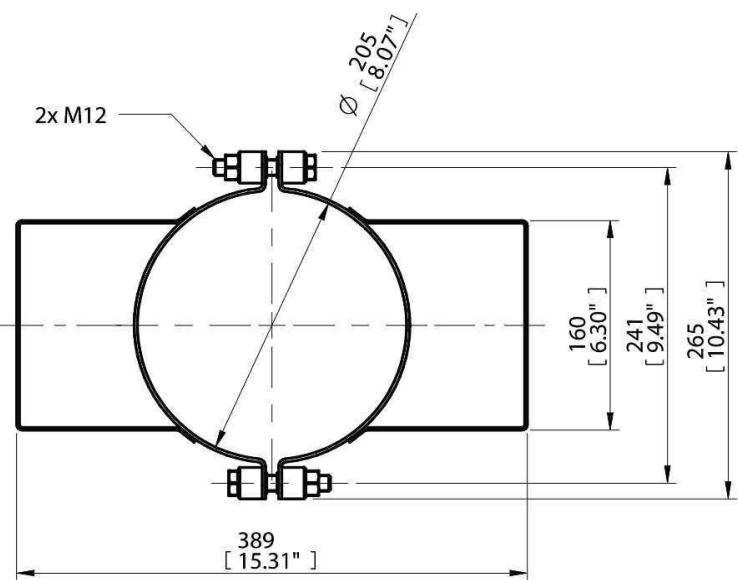
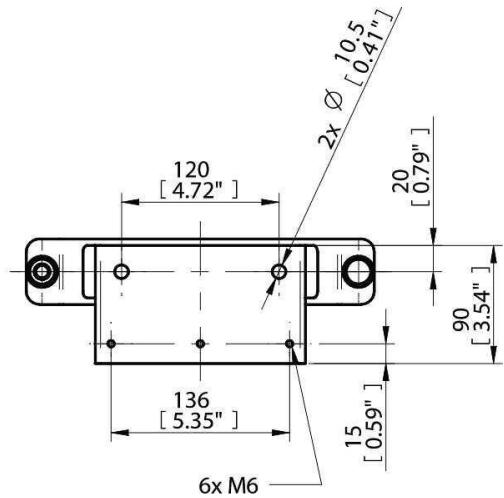
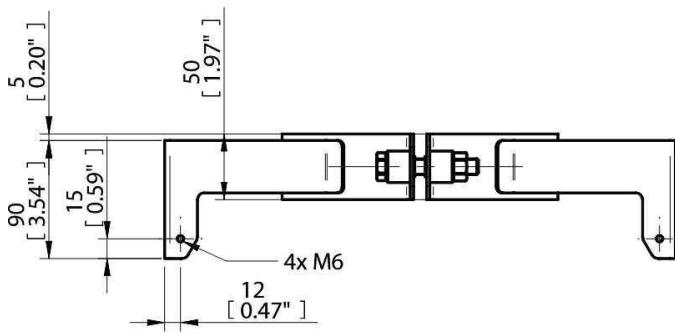


- To mount the vacuum conveyor on a wall.

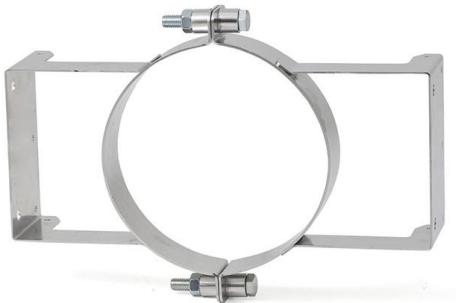
## General

Material	EN 1.4404, EN 1.4305, ASTM 303, ASTM 316L
Weight	1.96 kg

## Dimensional drawings



# Mounting girdle cpl. piFLOW®p/t Ø33, 0206264

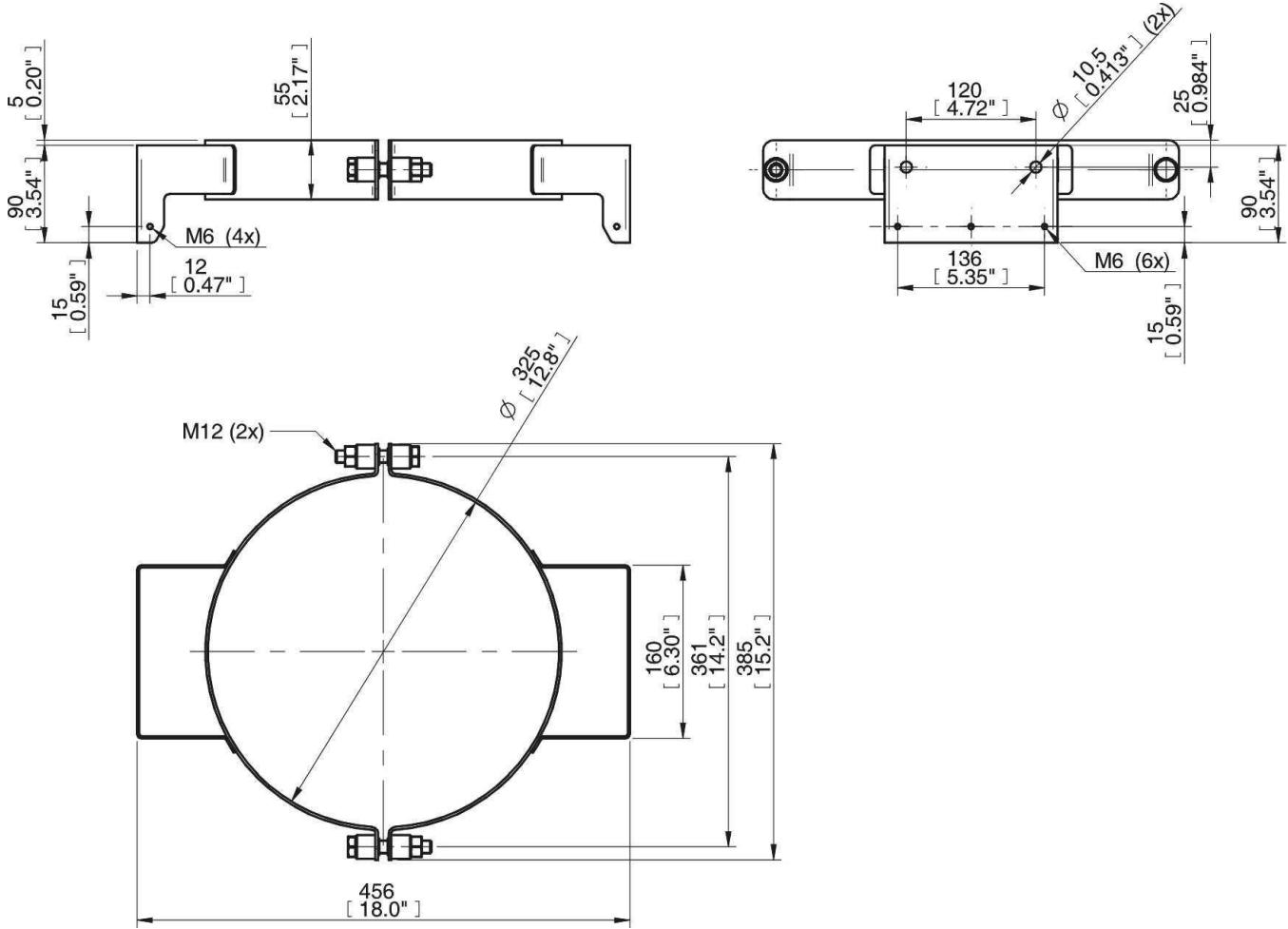


- To mount the vacuum conveyor on a wall.

## General

Material	ASTM 316L
Weight	2.38 kg

## Dimensional drawings





- Used as a transition piece for tablet press
- Ready to use, complete with sensor, aspiration filter, clamp ring and silicone sealing
- Fits tablet presses with Mueller S/D Ø170 interface
- Piab standard PRO filter used for aspiration
- Capacitive level sensor with TC connection and M12x1 connector
- 10m of cable with open end

## General

Finish	Ra 0,6
Material	ASTM 316L
Temperature	0 – 60 °C
Weight	3.5 kg

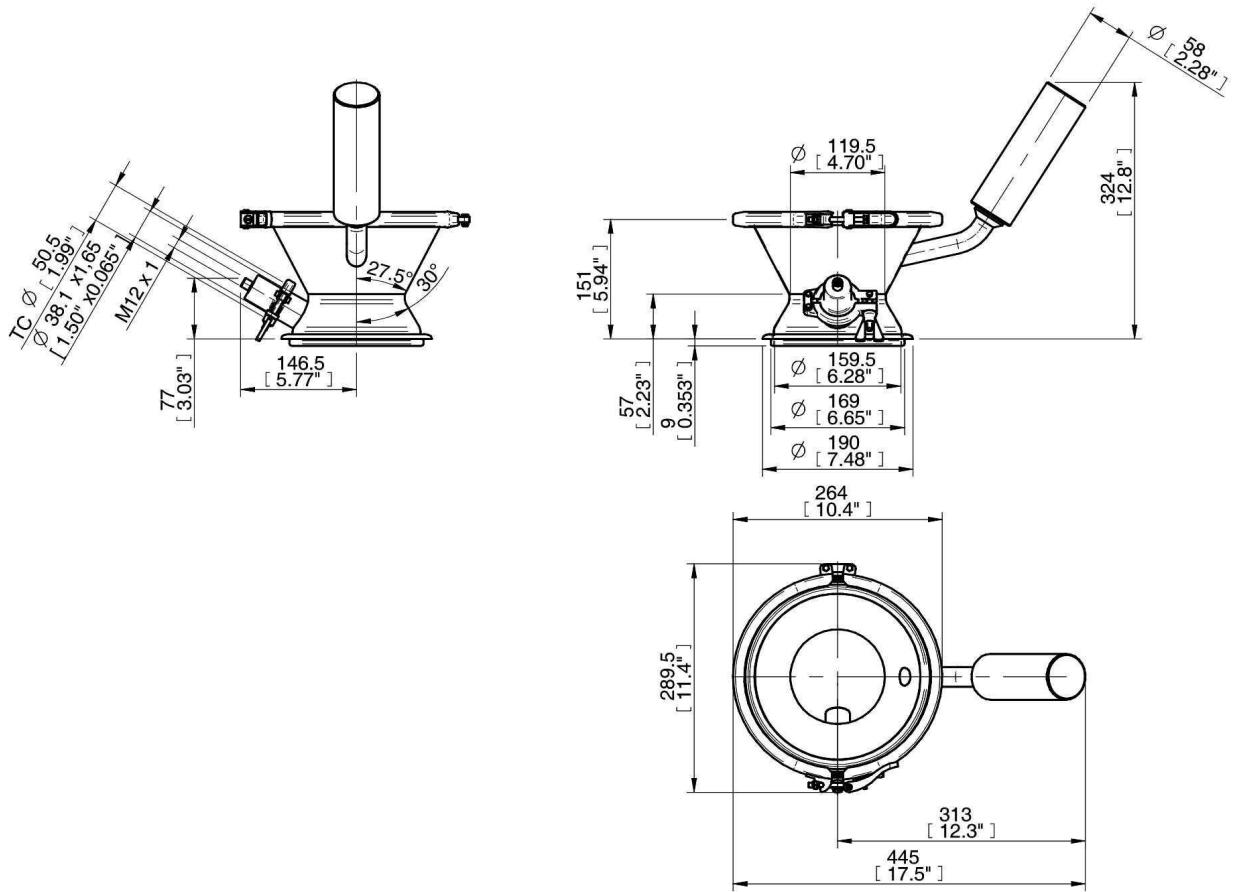
## Electrical data

Cable specification	10m PVC, 5x0.34mm <sup>2</sup>
Current, output	150 mA (2x, max.)
Voltage	10 – 30 VDC

## Pneumatic data

Valve function	Antivalent (NO + NC)
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## Dimensional drawings





**Extend the lifetime of your conveyor!**



A C-conveyor with Maxi pump



An upgraded C-conveyor

**No need to compromise**  
[www.piab.com](http://www.piab.com)



## Extend the lifetime of your conveyor!

- ▶ Extremely simple to upgrade thanks to a standard interface
- ▶ COAX® cartridges are used for best energy performance
- ▶ Improves working conditions as it decreases the noise level and the integrated central exhaust
- ▶ Increase the uptime as the changeover will be minimized thanks to its maintenance friendly design

### Cross over table

Old conveyor	piPREMIUM Upgrade kit	Article number
C21-100	piPREMIUM upgrade kit C21-100	0200330
C21-200	piPREMIUM upgrade kit C21-200	0200331
C21-400	piPREMIUM upgrade kit C21-400	0200332
C33-200	piPREMIUM upgrade kit C33-200	0200333
C33-400	piPREMIUM upgrade kit C33-400	0200334
C33-600	piPREMIUM upgrade kit C33-600	0200335
C33-800	piPREMIUM upgrade kit C33-800	0200336

No need to compromise  
[www.piab.com](http://www.piab.com)

# Vane pump 600/800 EU, 0205857



- Electro mechanical generated vacuum
- High vacuum flow.
- Integrated inlet filter and control valves
- Oil-free
- Vibration stable

## General

Item number, alternative	VTLF2.250 EU
Material	Iron, FE
Noise level, max.	77 dBA
Weight, max.	222 kg

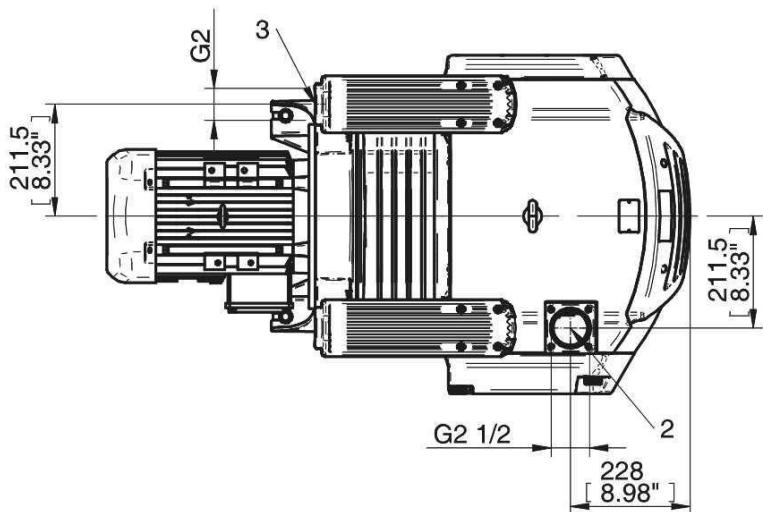
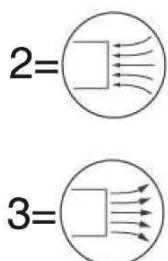
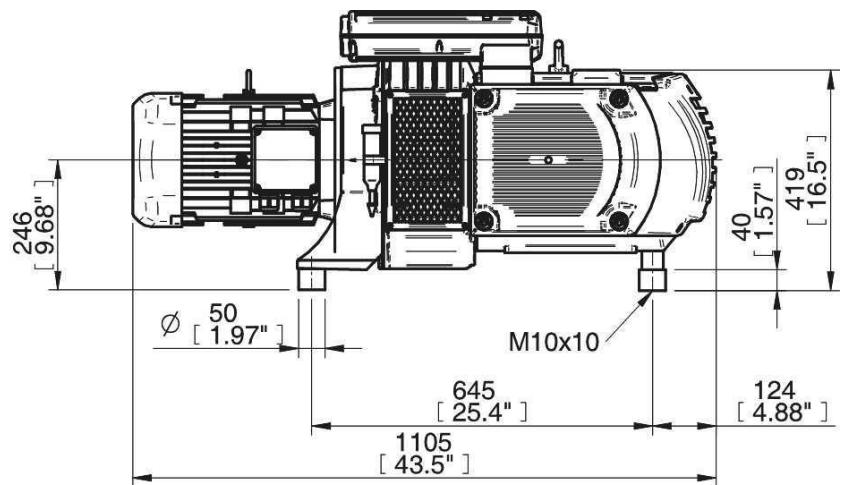
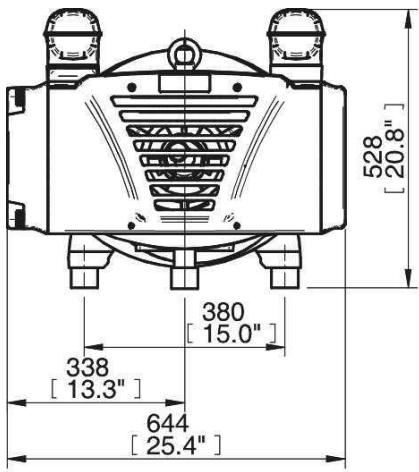
## Performance

Electric connection	3AC 400V 50Hz
Rated Power	5.5 kW (50Hz)

## Vacuum flow

Frequency	Vacuum flow (NL/s) at different vacuum levels (-kPa)										Max vacuum
	0	10	20	30	40	50	60	70	80	-kPa	
Hz											
50	67.8	60.4	53	45.7	38.3	30.9	23.5	16.3	9.2	80	

## Dimensional drawings



## Accessories

### Item no.

Hose connection kit 600/800	0205866
Hose connection kit G2 1/2" - D=63	0205951

# Vane pump 1200/1600 EU, 0205860



- Electro mechanical generated vacuum
- High vacuum flow.
- Integrated inlet filter and control valves
- Oil-free
- Vibration stable

## General

Item number, alternative	VTLF2.500 EU
Material	Iron, FE
Noise level, max.	79 dBA
Weight, max.	367 kg

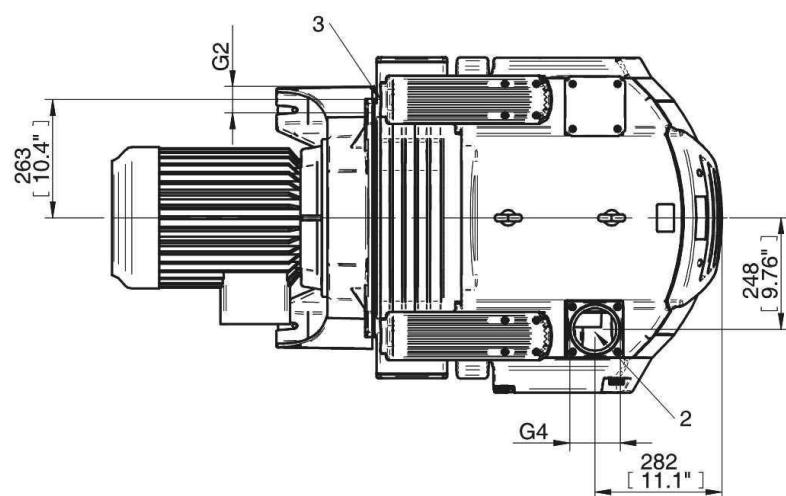
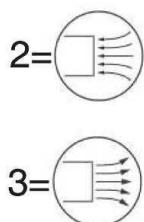
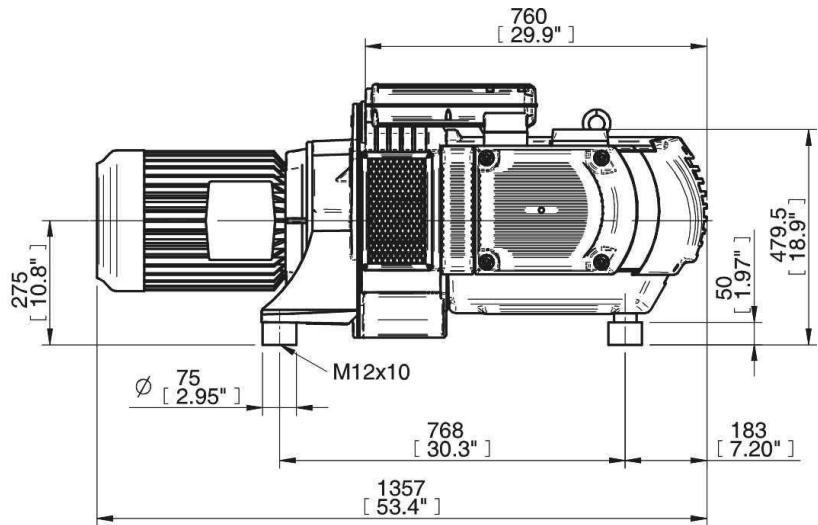
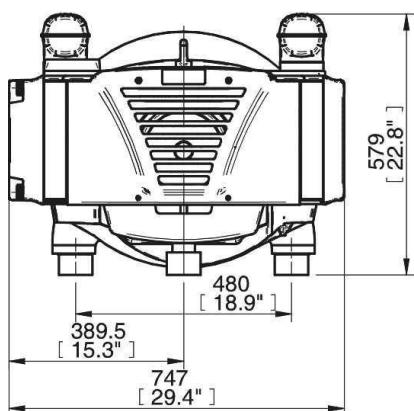
## Performance

Electric connection	3AC 400V 50Hz
Rated Power	11 kW (50Hz)

## Vacuum flow

Frequency	Vacuum flow (NL/s) at different vacuum levels (-kPa)										Max vacuum
	0	10	20	30	40	50	60	70	75	-kPa	
Hz	0	10	20	30	40	50	60	70	75	-kPa	
50	137.4	122.8	107.5	91.7	77.5	63.4	47.3	32.9	26.1	-kPa	75

## Dimensional drawings



## Accessories

	Item no.
Hose connection kit 1200/1600	0205867

# Valve unit for electro mechanical pump DN65- Ø63 and piFLOW®, 0129641



- Use together with electro mechanical vacuum pumps and Piab vacuum conveyor
- Fully pneumatic
- Wall mounting
- Recommend to use with compressed air feed unit

## General

Conveying filter size piFLOW®	0.08 m <sup>2</sup> (Pump flow 0–150 m <sup>3</sup> /h)
Conveying filter size piFLOW®, min.	0.14 m <sup>2</sup> (Pump flow 150–230 m <sup>3</sup> /h)
Conveying filter size piFLOW®, max.	0.25 m <sup>2</sup> (Pump flow 230–300 m <sup>3</sup> /h)
Material	CuNi, Al, ASTM 304, ASTM 316
Temperature	0 – 60 °C
Weight	19.1 kg

## Performance

Feed pressure, max.	0.7 MPa
Feed pressure, optimum	0.4 – 0.6 MPa

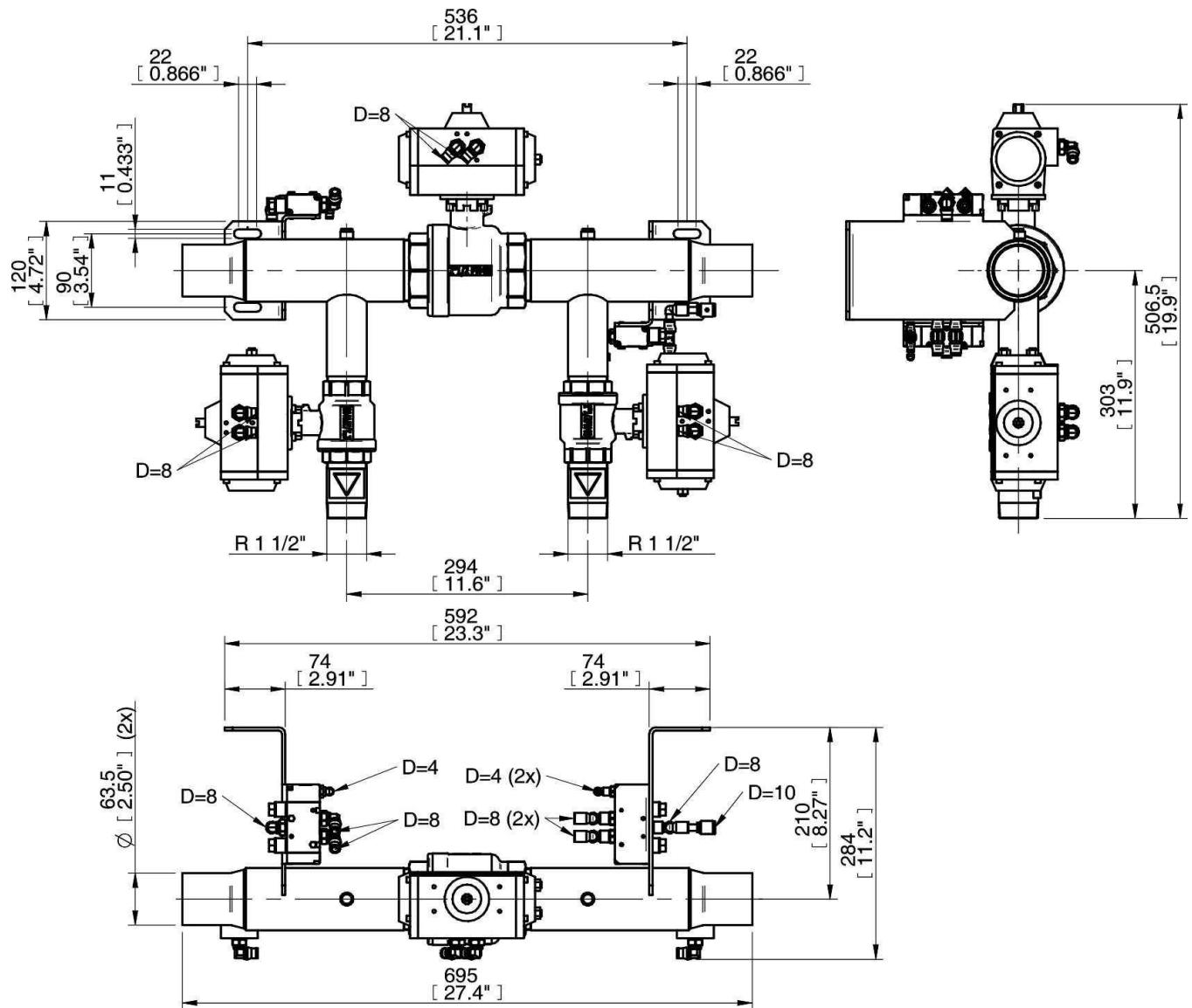
## Pneumatic data

Vacuum flow, range, electro mechanical vacuum pump	0 – 300 m <sup>3</sup> /h
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## Miscellaneous

Distance to vacuum system, max.	40 m
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## Dimensional drawings



## Accessories

	Item no.
Connection parts vacuum blower TC 2.5"-Ø63	0129870
Vacuum filter 2 1/2", steel	0111311
Vacuum filter G2", steel	3116710
Vacuum filter 1 1/2", steel	3116654
Compressed air feed unit for electro mechanical pump and piFLOW®i/f	0129873
Compressed air feed unit for electro mechanical pump and piFLOW®p	0129866
Hose clear PVC 63 per metre	0207847

# Valve unit for electro mechanical pump DN80- Ø76 and piFLOW®, 0129232



- Use together with electro mechanical vacuum pumps and Piab vacuum conveyor
- Fully pneumatic
- Wall mounting
- Recommend to use with compressed air feed unit

## General

Conveying filter size piFLOW®, min.	0.75 m <sup>2</sup> (Pump flow 300–440 m <sup>3</sup> /h)
Conveying filter size piFLOW®, min.	1.35 m <sup>2</sup> (Pump flow 440–540 m <sup>3</sup> /h)
Material	CuNi, Al, ASTM 304, ASTM 316
Temperature	0 – 60 °C
Weight	24.8 kg

## Performance

Feed pressure, max.	0.7 MPa
Feed pressure, optimum	0.4 – 0.6 MPa

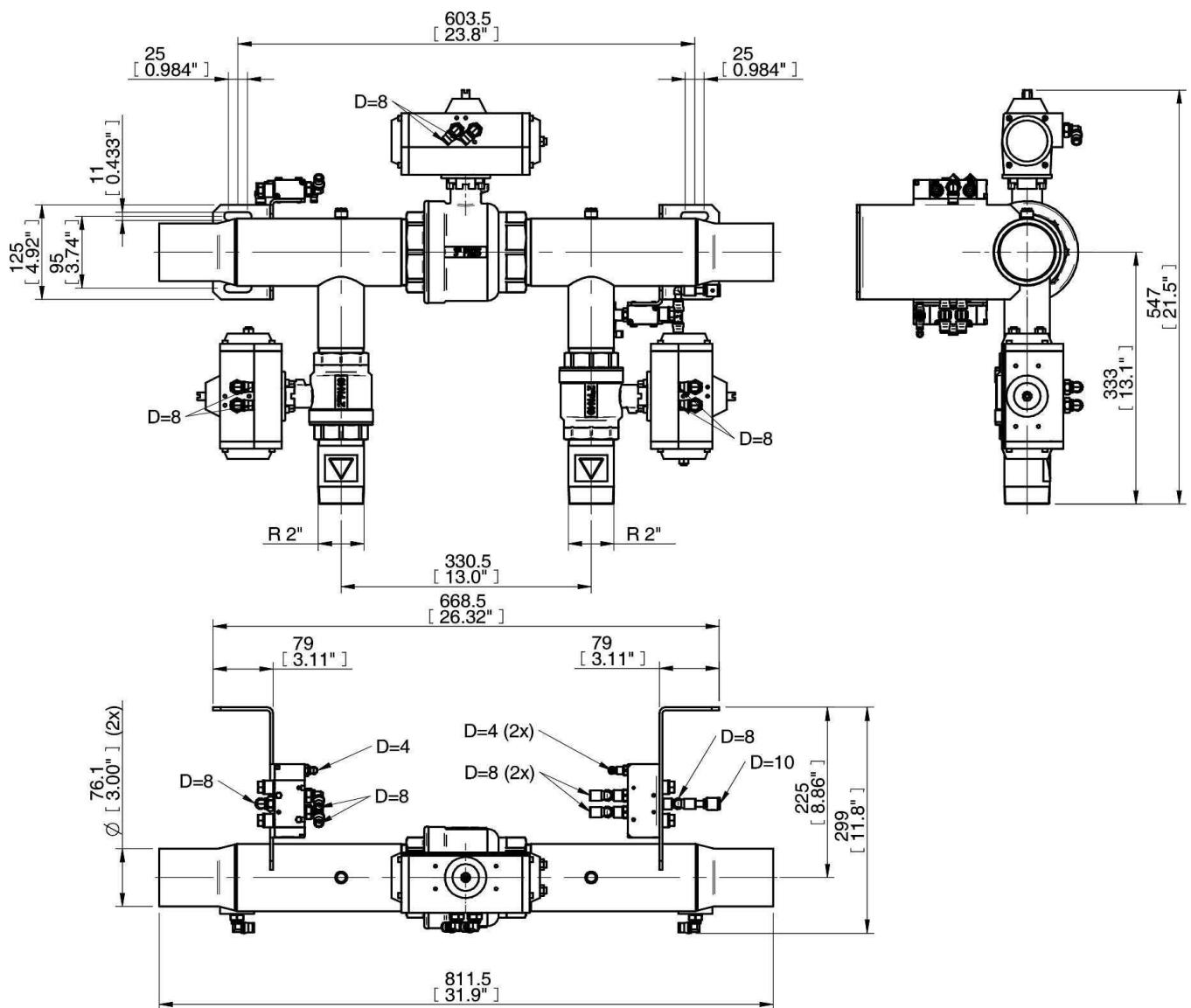
## Pneumatic data

Vacuum flow, range, electro mechanical vacuum pump	300 – 540 m <sup>3</sup> /h
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## Miscellaneous

Distance to vacuum system, max.	40 m
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## Dimensional drawings



## Accessories

	Item no.
Connection parts vacuum blower TC 3"-Ø76.1	0129871
Vacuum filter 2 1/2", steel	0111311
Vacuum filter G2", steel	3116710
Vacuum filter 1 1/2", steel	3116654
Compressed air feed unit for electro mechanical pump and piFLOW®i/f	0129873
Compressed air feed unit for electro mechanical pump and piFLOW®p	0129866
Hose clear PVC 75 per metre	0207848

# Wall mounting kit pump piPREMIUM 100-400

, 0129790

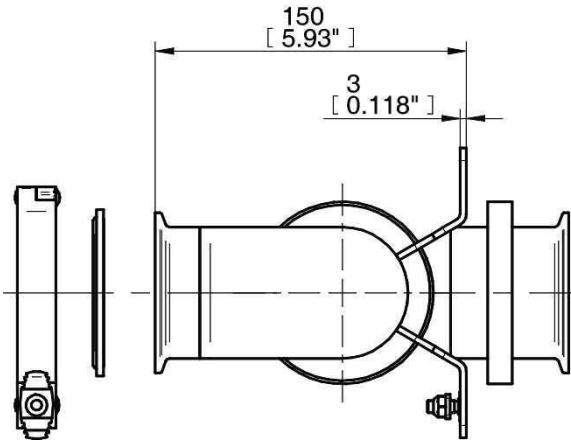
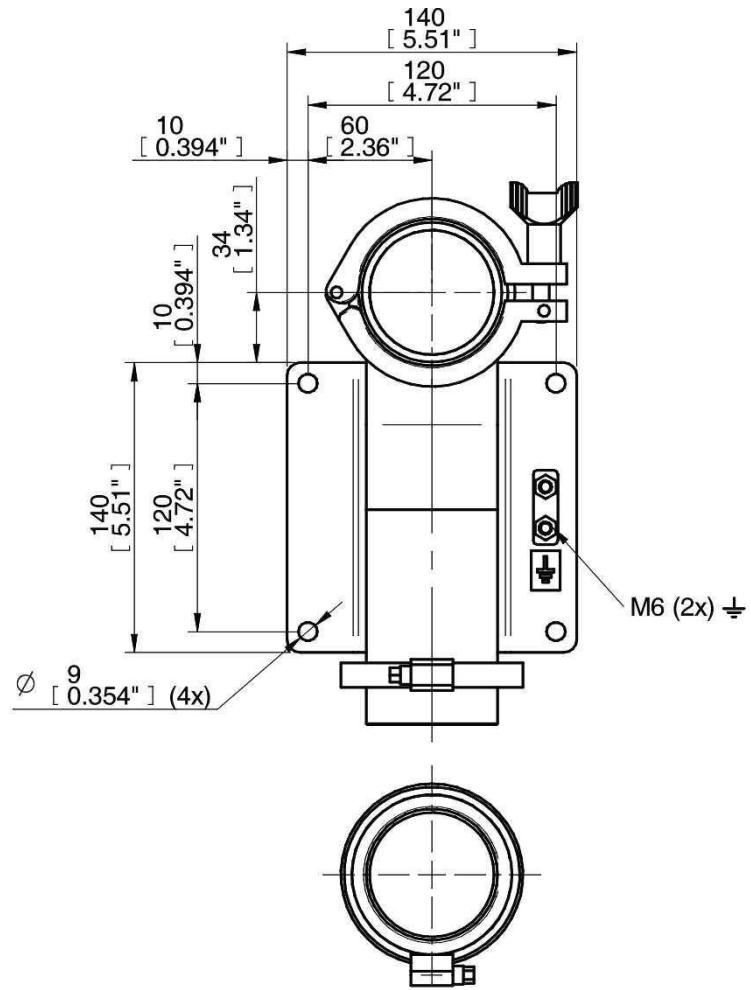
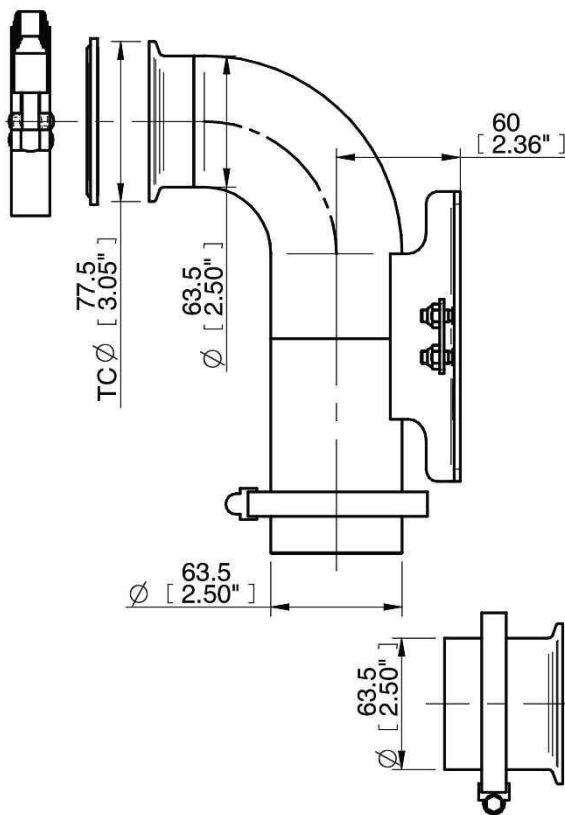


- For remote mounting of pump.
- Wall mounting kit pump piPREMIUM includes clamp sealing, clamp ring for flange, clamp ferrule, hose clamps and mounting device.

## General

Material	ASTM 316L, Ethylene Propylene (EPDM)
Temperature	0 – 60 °C
Weight	1.85 kg

## Dimensional drawings



## Accessories

	Item no.
Hose clear PVC 75 per metre	0207848

# Wall mounting kit pump piPREMIUM 600-800

, 0201025

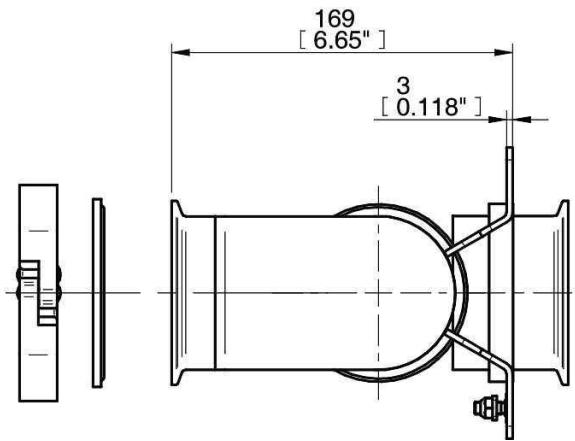
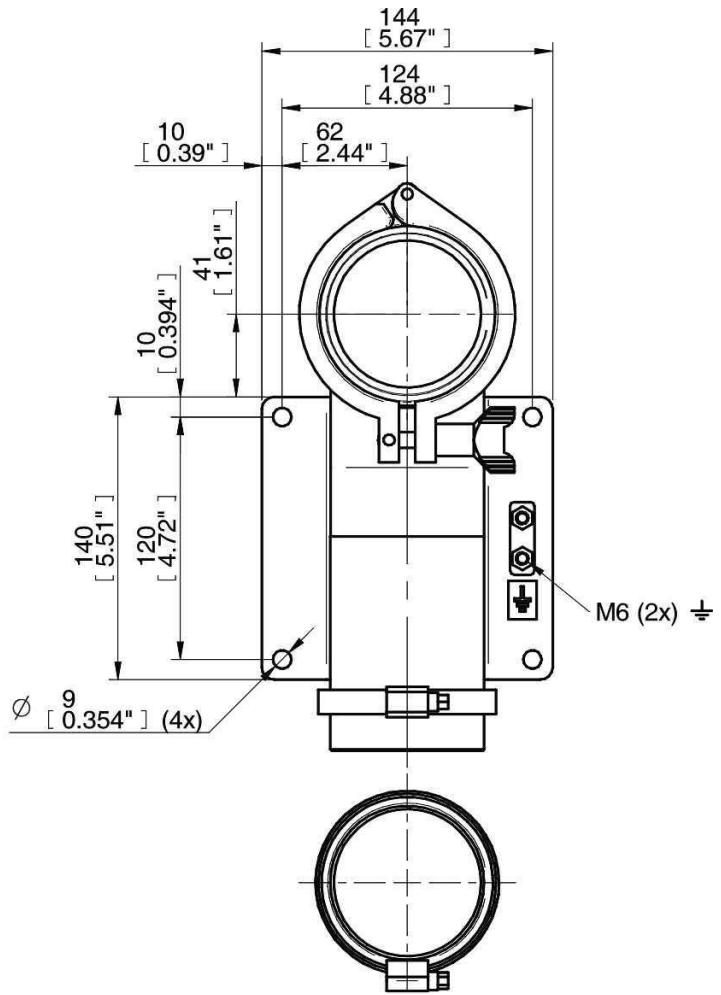
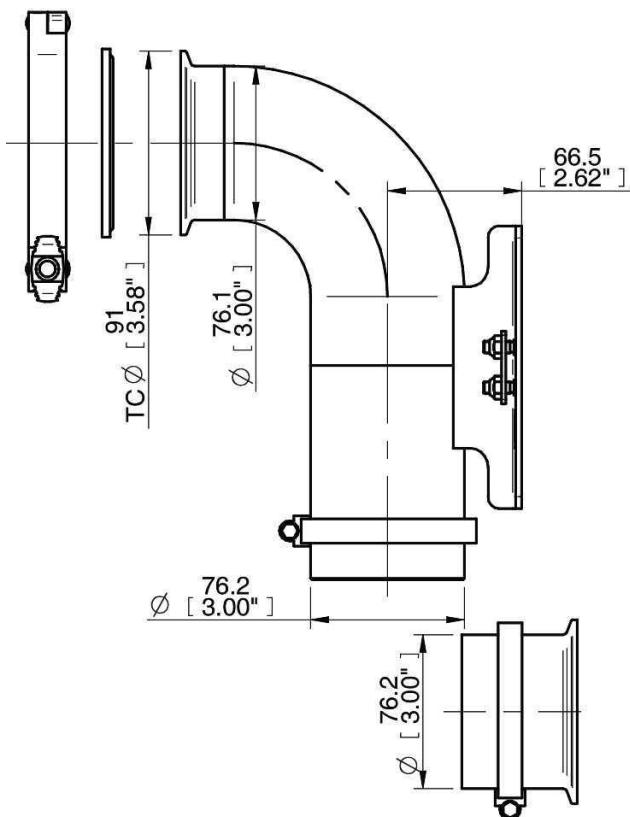


- For remote mounting of pump.
- Wall mounting kit pump piPREMIUM includes clamp sealing, clamp ring for flange, clamp ferrule, hose clamps and mounting device.

## General

Material	ASTM 316L, Ethylene Propylene (EPDM)
Temperature	0 – 60 °C
Weight	2 kg

## Dimensional drawings



## Accessories

### Item no.

Hose clear PVC 100 per metre

0207849

# Second stage filter unit P100, 0201690



- Secondary sterile filter for piFLOW®p conveyor family
- FDA approved
- Easy to assemble / disassemble
- Complete kit, ready to use

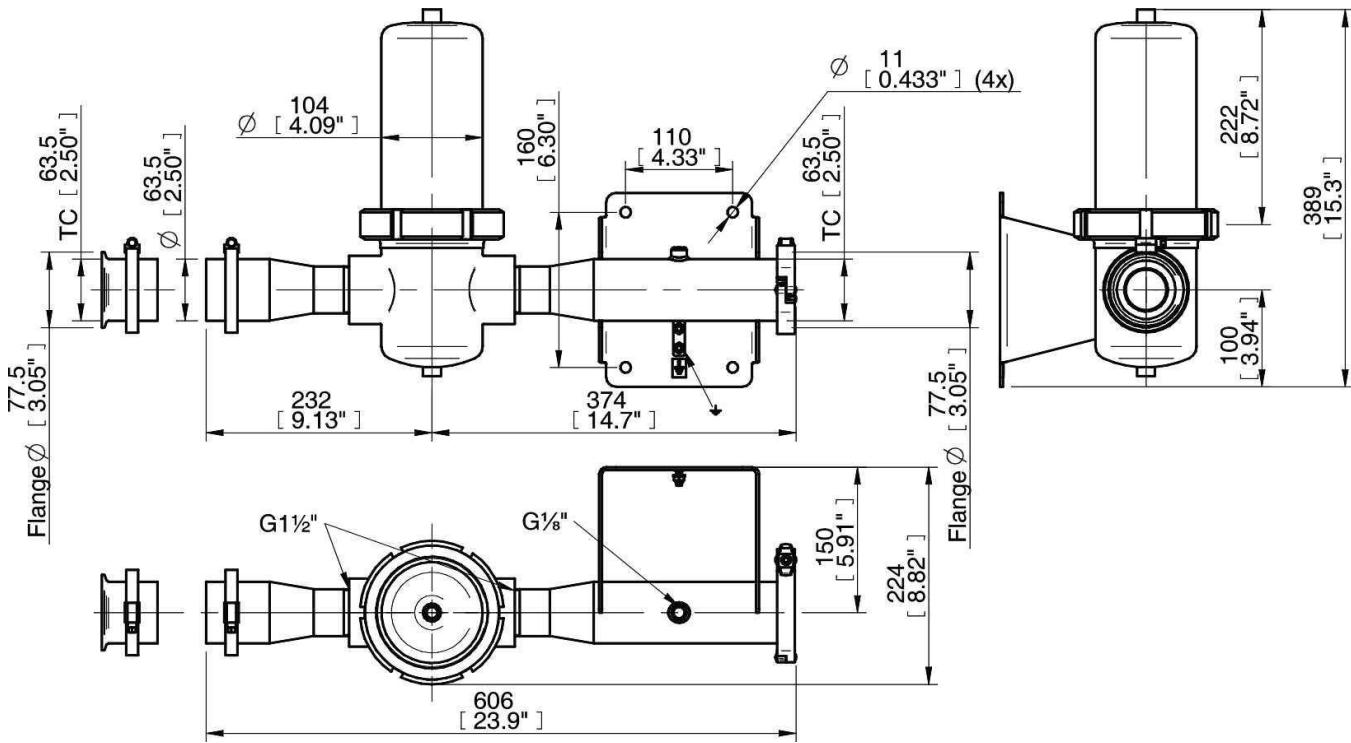
## General

Filter area	6000 cm <sup>2</sup>
Material	PDMS, SS, ASTM 316L, Borosilicate, Ethylene Propylene (EPDM), Silicone (SIL)
Particle size	0.2 µm
Temperature	0 – 60 °C
Weight	7.8 kg

## Pneumatic data

Pressure, drop	0.0043 MPa (With P100.)
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## Dimensional drawings



# Second stage filter unit P200-400, o201691



- Secondary sterile filter for piFLOW®p conveyor family
- FDA approved
- Easy to assemble / disassemble
- Complete kit, ready to use

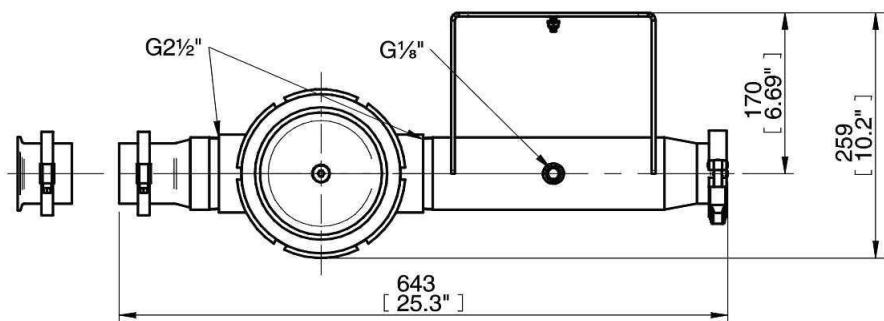
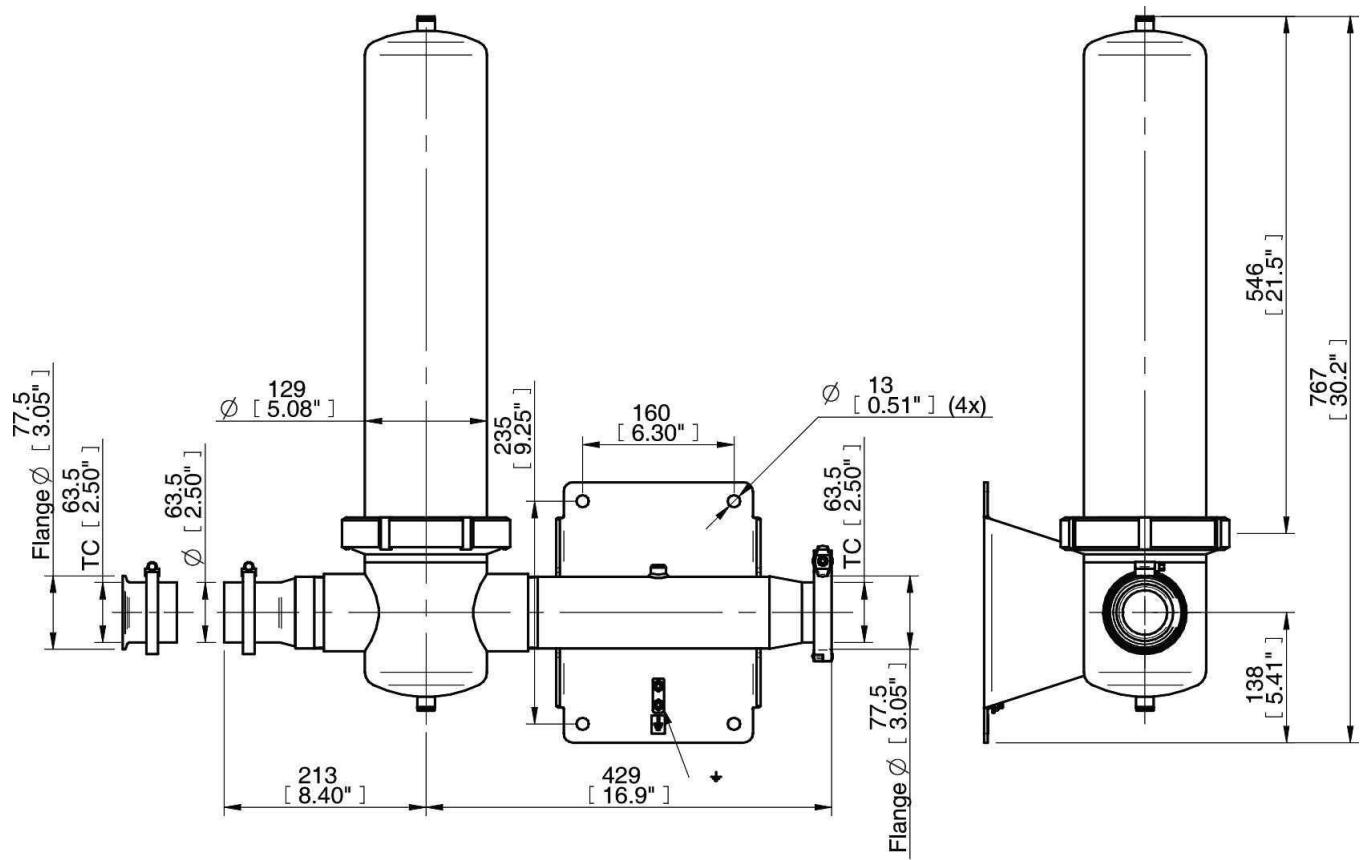
## General

Filter area	17000 cm <sup>2</sup>
Material	PDMS, SS, ASTM 316L, Borosilicate, Ethylene Propylene (EPDM), Silicone (SIL)
Particle size	0.2 µm
Temperature	0 – 60 °C
Weight	15.5 kg

## Pneumatic data

Pressure, drop	0.003 MPa (With P200. 0.0049 MPa with P400.)
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## Dimensional drawings



# Second stage filter unit P600-800, o201692



- Secondary sterile filter for piFLOW®p conveyor family
- FDA approved
- Easy to assemble / disassemble
- Complete kit, ready to use

## General

Filter area	25000 cm <sup>2</sup>
Material	PDMS, SS, ASTM 316L, Borosilicate, Ethylene Propylene (EPDM), Silicone (SIL)
Particle size	0.2 µm
Temperature	0 – 60 °C
Weight	23.8 kg

## Pneumatic data

Pressure, drop	0.0085 MPa (With P600. 0.0096 MPa with P800.)
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## Dimensional drawings

