

2101 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

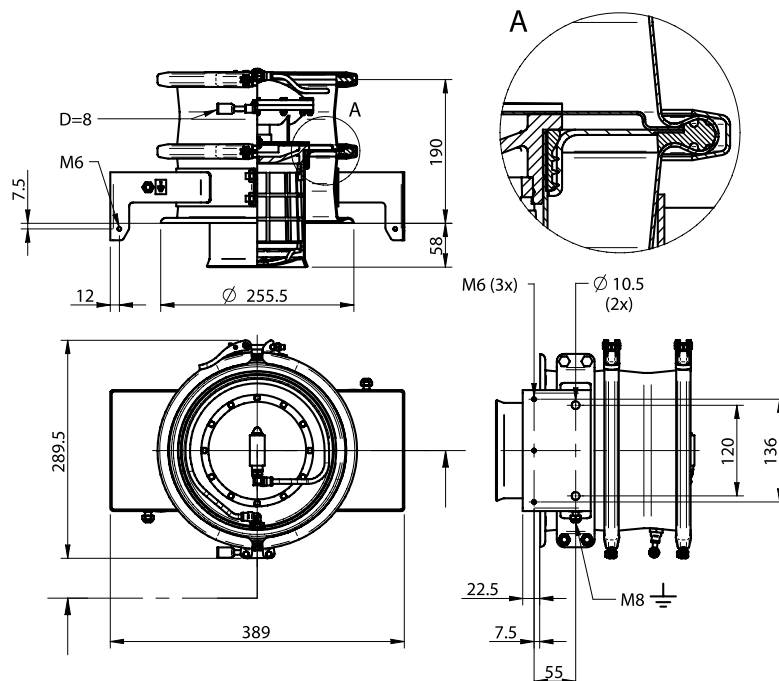
| Description | Unit | Value |
|---------------------|----------------|-----------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, ePTFE, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.06 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | 0106057/1 | 0106057/2 |
|-------------|------|-------|-----------|-----------|
| Material | | | NBR, C | Q |
| Weight | kg | | 6.69 | 6.71 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 2101 textile filter int, NBR | 0106057/1 |
| Filter unit 2101 textile filter int, Q | 0106057/2 |



2102 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

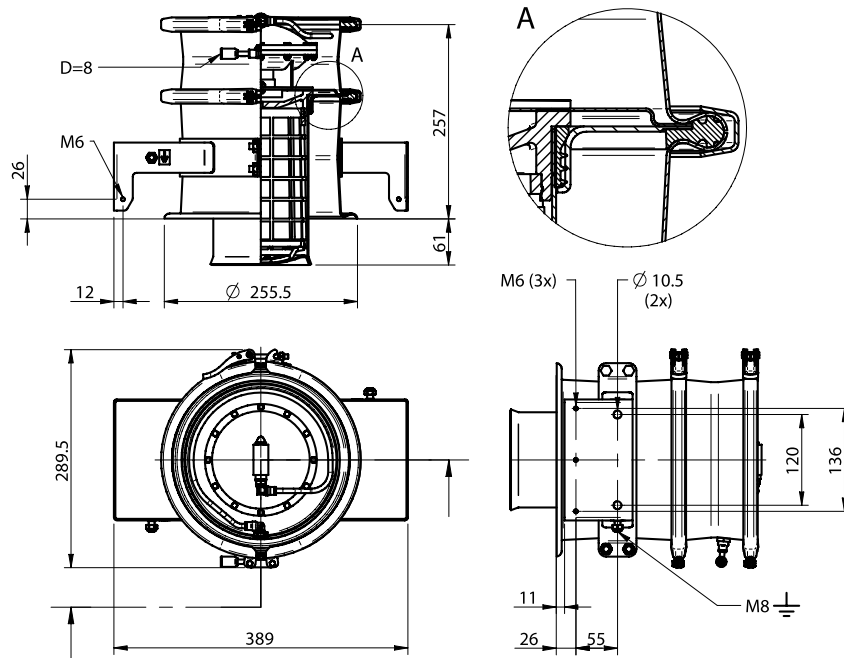
| Description | Unit | Value |
|---------------------|----------------|-----------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, ePTFE, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.09 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | 0106054/1 | 0106054/2 |
|-------------|------|-----------|-----------|
| Material | | NBR, C | Q |
| Weight | kg | 7.21 | 7.23 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 2102 textile filter int, NBR | 0106054/1 |
| Filter unit 2102 textile filter int, Q | 0106054/2 |



2104 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

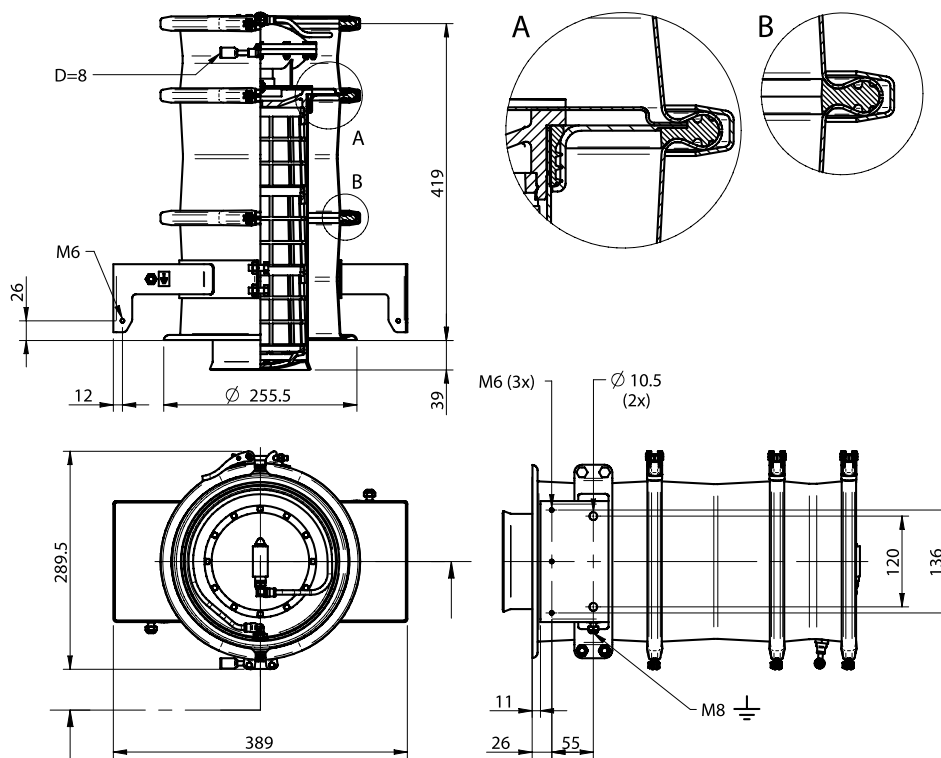
| Description | Unit | Value |
|---------------------|----------------|-----------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, ePTFE, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.14 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106058/1 | 0106058/2 |
| Material | | NBR, C | Q |
| Weight | kg | 9.39 | 9.42 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 2104 textile filter int, NBR | 0106058/1 |
| Filter unit 2104 textile filter int, Q | 0106058/2 |



2100 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

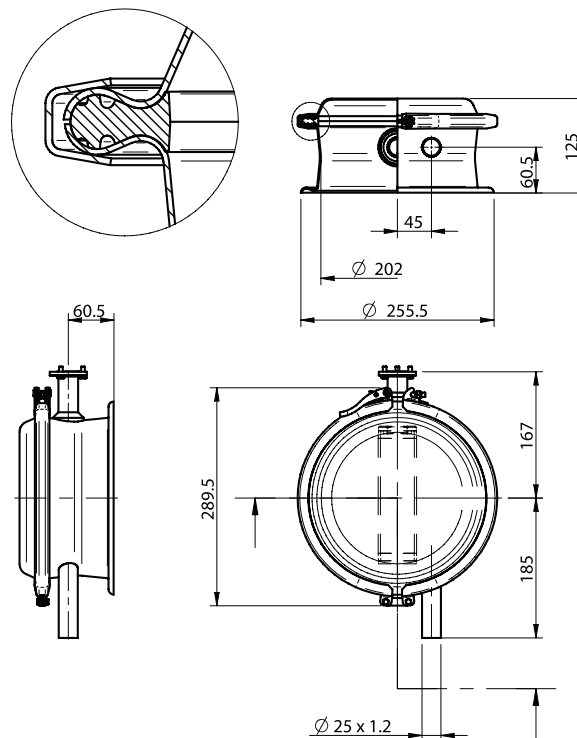
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.03 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | 0117441 | 0117442 |
|-------------|---------|---------|
| Material | NBR, C | Q |
| Weight | 2.60 | 2.60 |

ORDERING INFORMATION

| Description | Art. No. |
|------------------------------------|----------|
| Filter unit 2100 Gore Sinbran, NBR | 0117441 |
| Filter unit 2100 Gore Sinbran, Q | 0117442 |



2101 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

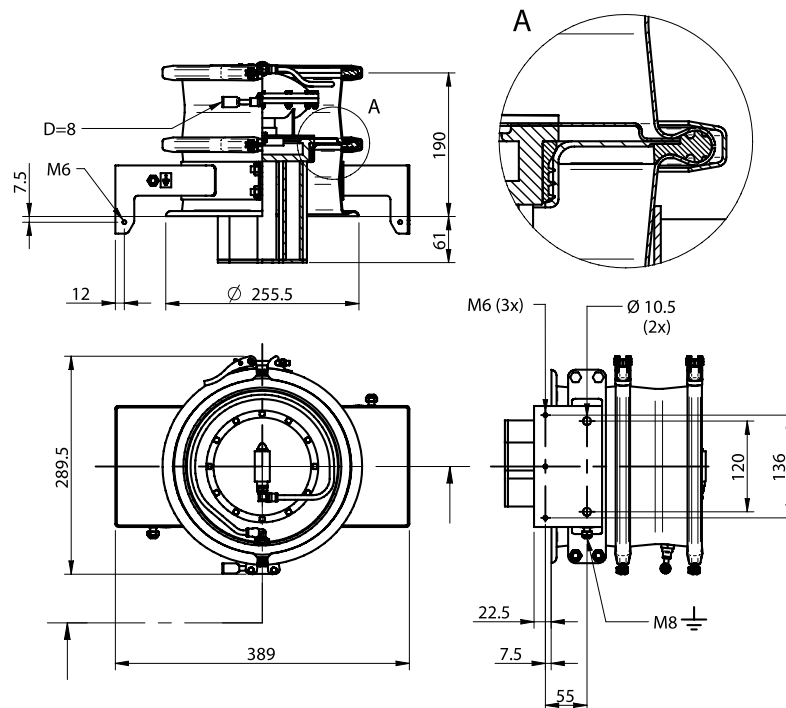
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFT, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.08 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | 0106057/1 | Value | 0106057/2 |
|-------------|------|-----------|-------|-----------|
| Material | | NBR, C | | Q |
| Weight | kg | 6.56 | | 6.58 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 2101 Gore Sinbran int, NBR | 0108095/1 |
| Filter unit 2101 Gore Sinbran int, Q | 0108095/2 |



2102 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

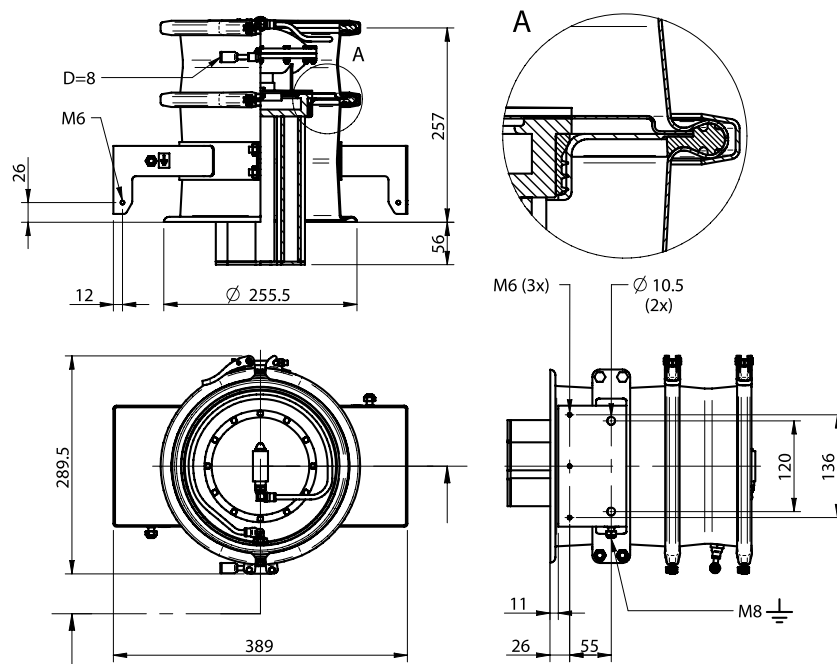
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFT, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.11 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106052/1 | 0106052/2 |
| Material | | NBR, C | Q |
| Weight | kg | 7.05 | 7.07 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 2102 Gore Sinbran int, NBR | 0106052/1 |
| Filter unit 2102 Gore Sinbran int, Q | 0106052/2 |



2104 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

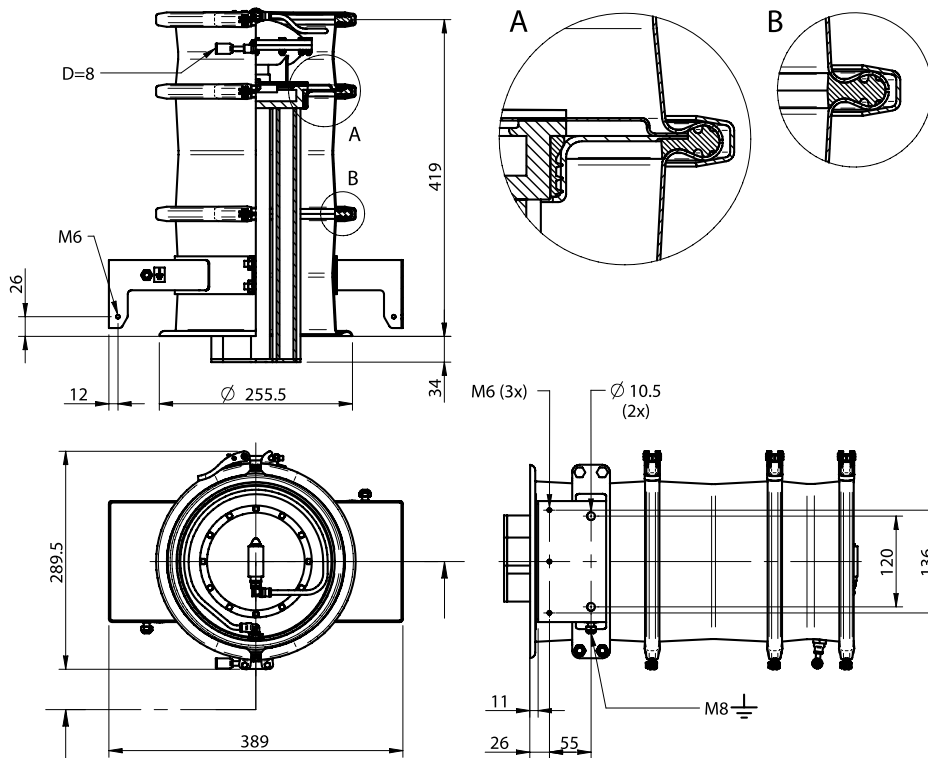
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.19 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106055/1 | 0106055/2 |
| Material | | NBR, C | Q |
| Weight | kg | 9.13 | 9.16 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 2104 Gore Sinbran int, NBR | 0106055/1 |
| Filter unit 2104 Gore Sinbran int, Q | 0106055/2 |



2102 WITH GORE SINBRAN FILTER AND EXTERNAL FILTER SHOCK



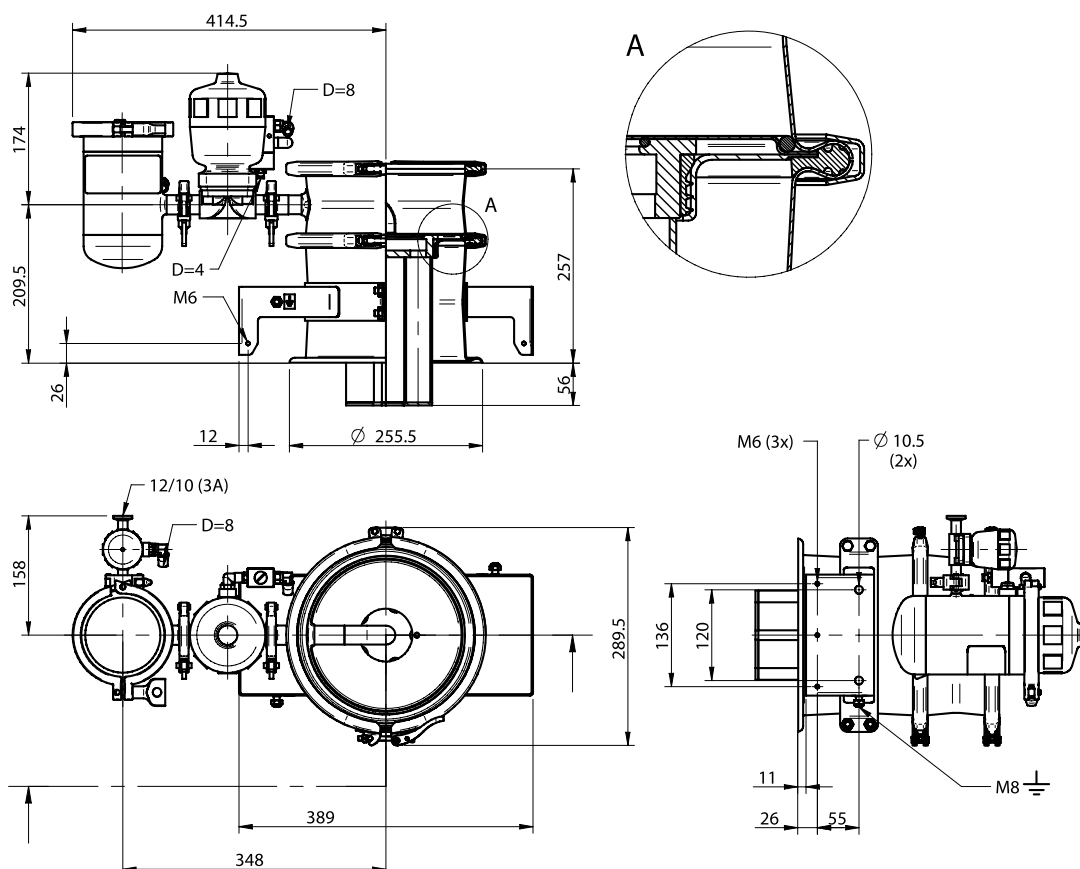
- ▶ Separates the carrying air from the conveyed product.
- ▶ Hygienic design.
- ▶ The sealings and white rod filter fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------|----------------|------------------------|
| Feed pressure range | MPa | 0.04–0.6 |
| Material | | ASTM 316L, Q, PTFE, PE |
| Temperature range | °C | 0–60 |
| Weight | kg | 12.3 |
| Filter area | m ² | 0.11 |
| Min particle size | µm | 0.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Filter unit 2102 Gore Sinbran ext, Q | 0106190/2 |



2104 WITH GORE SINBRAN FILTER AND EXTERNAL FILTER SHOCK



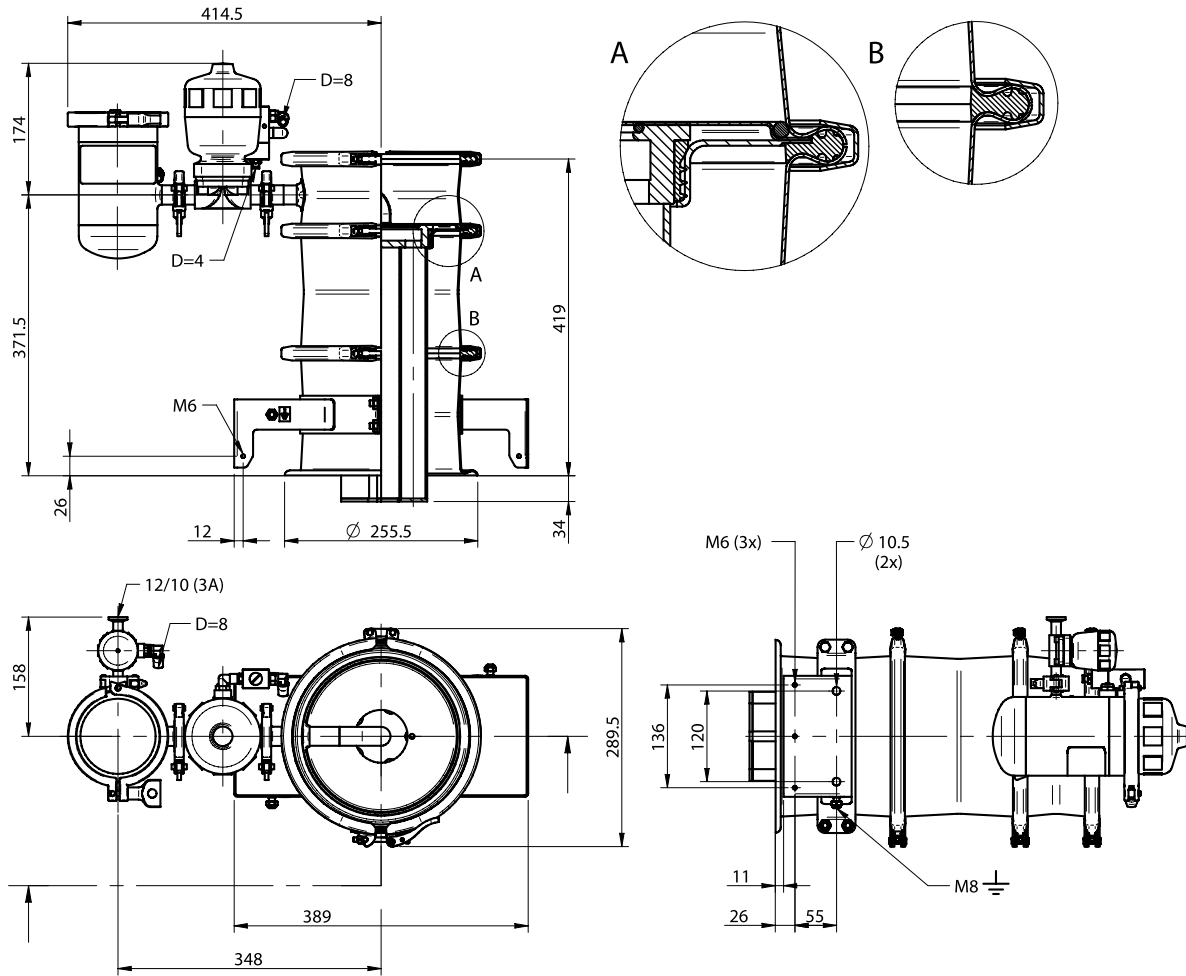
- ▶ Separates the carrying air from the conveyed product.
- ▶ Hygienic design.
- ▶ The sealings and white rod filter fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------|----------------|------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Q, PTFE, PE |
| Temperature range | °C | 0–60 |
| Weight | kg | 14.3 |
| Filter area | m ² | 0.19 |
| Min particle area | µm | 0.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Filter unit 2104 Gore Sinbran ext, Q | 0106198/2 |



Conveyors C21
FILTER UNITS

PS6610 SI 32-3X2



- ▶ COAX® patented technology.
- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.

TECHNICAL DATA

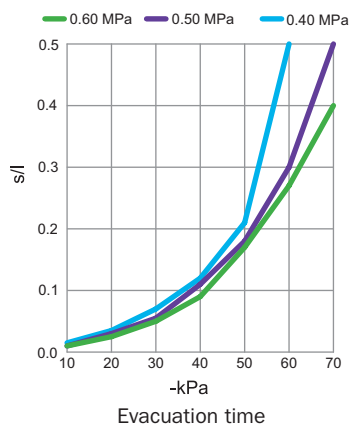
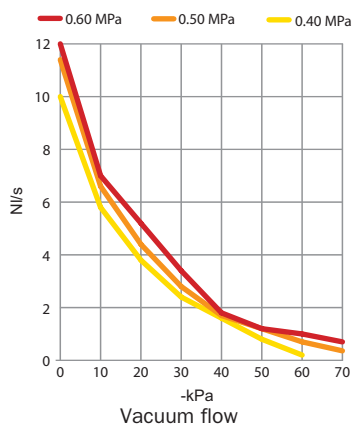
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 2.5–3.5 |
| Vacuum range | -kPa | 61–75 |
| Noise level | dBA | 70–73 |
| Material | | Al, PA, NBR, PUR |
| Temperature range | °C | 0–60 |
| Weight | kg | 1.94 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|-----|-----|-----|-----|------|------|------|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.40 | 2.5 | 10.0 | 5.8 | 3.8 | 2.4 | 1.6 | 0.80 | 0.20 | — | 60 | |
| 0.50 | 3.0 | 11.4 | 6.6 | 4.4 | 2.8 | 1.7 | 1.2 | 0.70 | 0.36 | 70 | |
| 0.60 | 3.5 | 12.0 | 7.0 | 5.2 | 3.4 | 1.8 | 1.2 | 1.0 | 0.70 | 75 | |

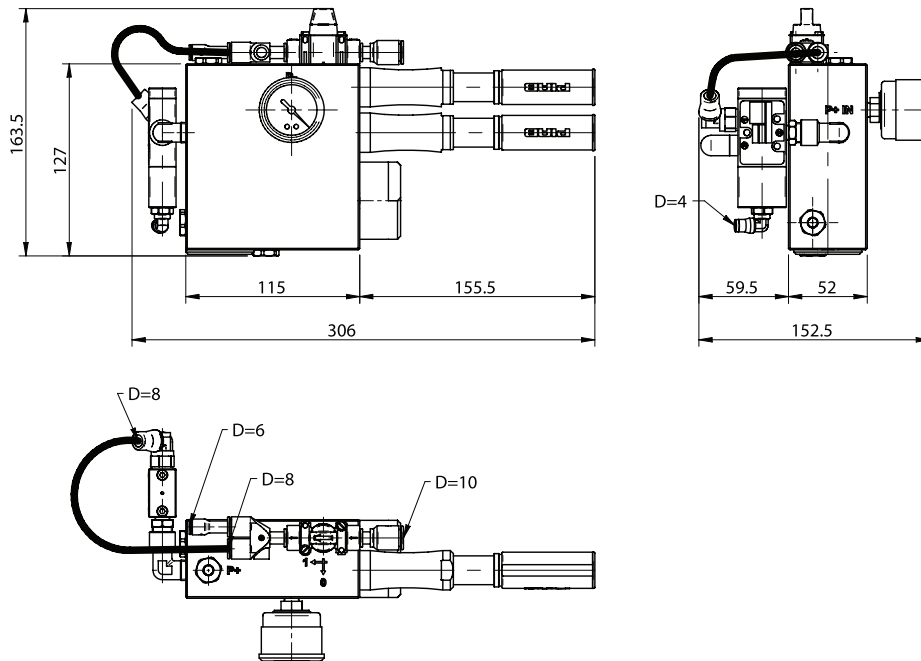
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | Evacuation time (s/l) to reach different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|---|-------|-------|-------|------|------|------|----|--------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.40 | 2.5 | 0.015 | 0.035 | 0.070 | 0.12 | 0.21 | 0.50 | — | 60 | |
| 0.50 | 3.0 | 0.010 | 0.030 | 0.055 | 0.11 | 0.18 | 0.30 | 0.50 | 70 | |
| 0.60 | 3.5 | 0.010 | 0.025 | 0.050 | 0.090 | 0.17 | 0.27 | 0.40 | 75 | |

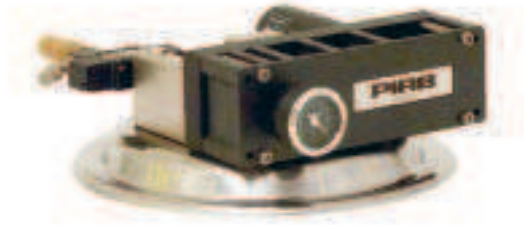


ORDERING INFORMATION

| Description | Art. No. |
|-----------------------------|----------|
| Vacuum pump PS6610 Si32-3x2 | 0117443 |



CLASSIC L100



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

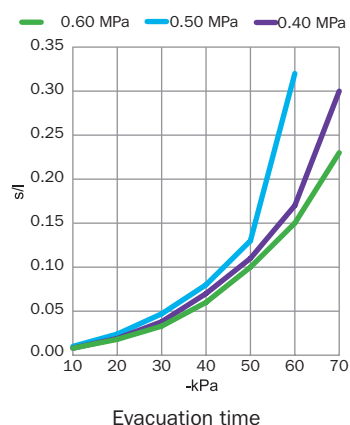
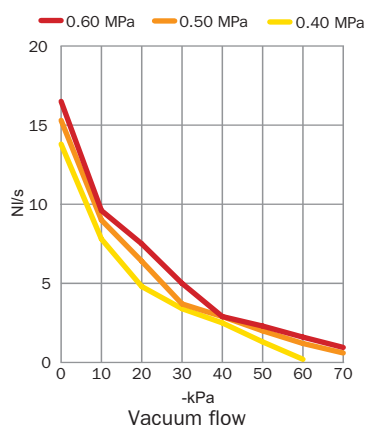
| Description | Unit | Value |
|-----------------------|-------|--------------------|
| Feed pressure range | MPa | 0.4-0.6 |
| Air consumption range | Nl/s | 5-7 |
| Vacuum range | -kPa | 61-75 |
| Noise level range | dB(A) | 60-65 |
| Material | | PPS, Al, ASTM 316L |
| Temperature range | °C | 0-60 |
| Weight | kg | 4.7 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NL/s | Vacuum flow (NL/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|-----|-----|-----|-----|-----|------|------|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.6 | 7 | 16.5 | 9.6 | 7.5 | 5.0 | 2.9 | 2.3 | 1.6 | 0.95 | 75 | |
| 0.5 | 6 | 15.3 | 9.0 | 6.4 | 3.7 | 2.9 | 2.0 | 1.2 | 0.60 | 71 | |
| 0.4 | 5 | 13.8 | 7.8 | 4.8 | 3.4 | 2.5 | 1.3 | 0.20 | - | 61 | |

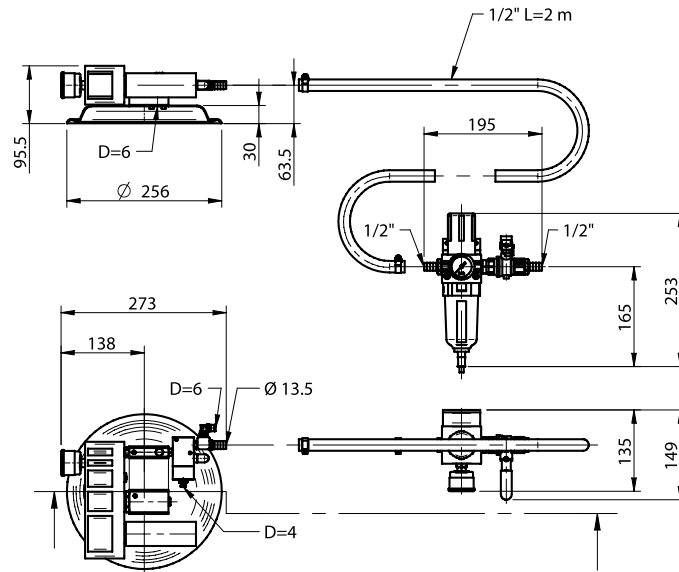
EVACUATION TIME

| Feed pressure MPa | Air consumption NL/s | Evacuation time (s/l) at different vacuum levels (-kPa) | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|---|-------|-------|-------|------|------|------|--------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 7 | 0.008 | 0.018 | 0.033 | 0.060 | 0.10 | 0.15 | 0.23 | 75 |
| 0.5 | 6 | 0.008 | 0.019 | 0.038 | 0.070 | 0.11 | 0.17 | 0.30 | 71 |
| 0.4 | 5 | 0.010 | 0.024 | 0.047 | 0.080 | 0.13 | 0.32 | - | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|------------------------|----------|
| Pump unit CLASSIC L100 | 0107367 |



MAXI L100



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

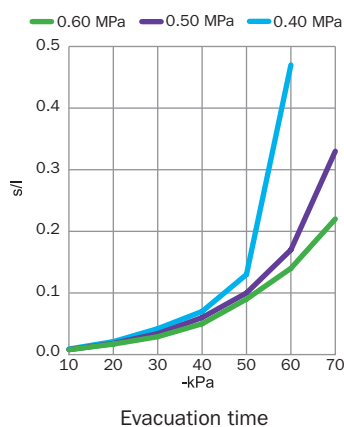
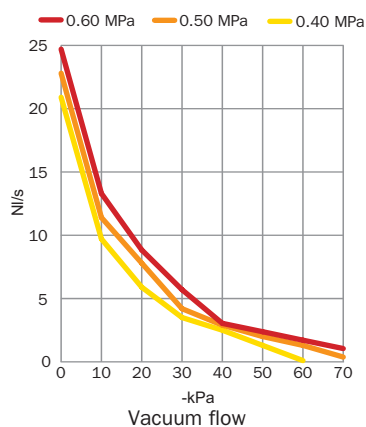
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 5–7 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 7.6 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|------|------|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 7 | 24.7 | 13.3 | 8.84 | 5.70 | 3.04 | 2.38 | 1.71 | 1.05 | 75 |
| 0.5 | 6 | 22.8 | 11.4 | 7.8 | 4.2 | 2.9 | 2.0 | 1.3 | 0.38 | 71 |
| 0.4 | 5 | 20.9 | 97.1 | 5.9 | 3.5 | 2.5 | 1.3 | 0.1 | – | 61 |

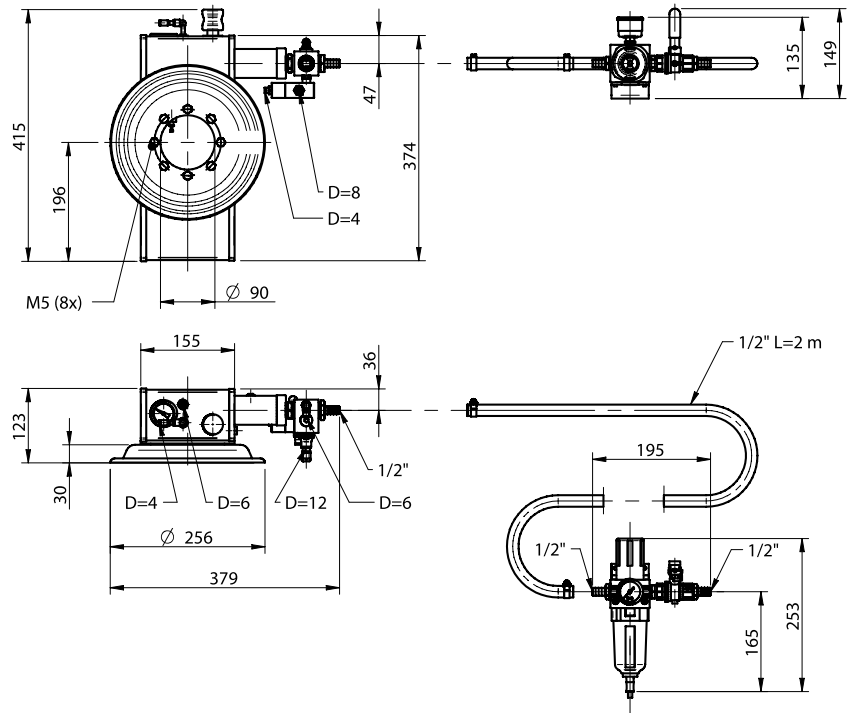
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | Evacuation time (s/l) at different vacuum levels (-kPa) | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|---|-------|-------|------|------|------|------|--------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 7 | 0.008 | 0.017 | 0.029 | 0.05 | 0.09 | 0.14 | 0.22 | 75 |
| 0.5 | 6 | 0.008 | 0.018 | 0.034 | 0.06 | 0.10 | 0.17 | 0.33 | 71 |
| 0.4 | 5 | 0.009 | 0.021 | 0.042 | 0.07 | 0.13 | 0.47 | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L100 | 0106812 |



Conveyors C21
PUMP UNITS

ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|--------------------------|----------|
| Exhaust adapter L100-400 | 3116017 |
| Adapter Maxi L100-L1600 | 3102073 |

MAXI L200



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

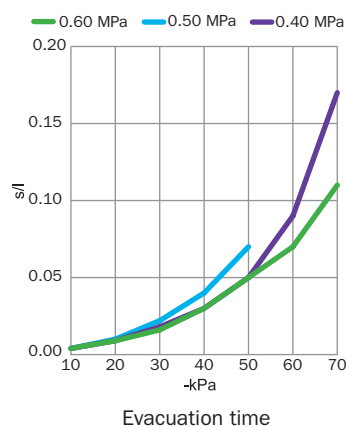
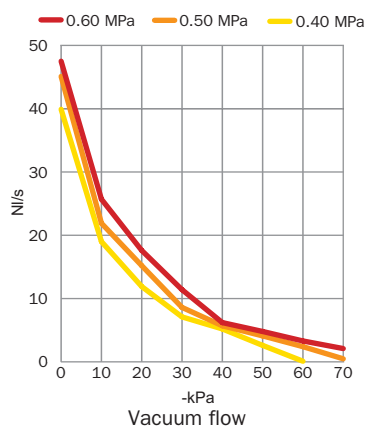
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 10–14 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 7.6 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|-----|-----|-----|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 14 | 47.5 | 25.7 | 17.6 | 11.4 | 6.2 | 4.8 | 3.3 | 2.1 | 75 |
| 0.5 | 12 | 45.1 | 21.9 | 15.2 | 8.6 | 5.7 | 4.1 | 2.4 | 0.48 | 71 |
| 0.4 | 10 | 39.9 | 19.0 | 11.9 | 7.1 | 5.2 | 2.6 | 0.1 | – | 61 |

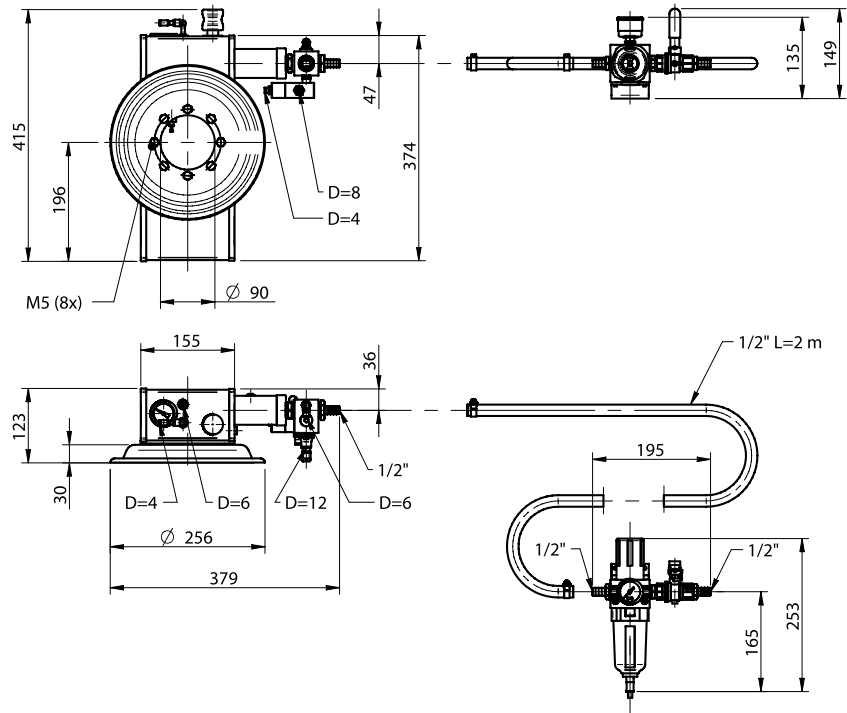
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | Evacuation time (s/l) at different vacuum levels (-kPa) | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|---|-------|-------|------|------|------|------|--------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 14 | 0.004 | 0.009 | 0.016 | 0.03 | 0.05 | 0.07 | 0.11 | 75 |
| 0.5 | 12 | 0.004 | 0.009 | 0.018 | 0.03 | 0.05 | 0.09 | 0.17 | 71 |
| 0.4 | 10 | 0.004 | 0.01 | 0.022 | 0.04 | 0.07 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L200 | 0103878 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|--------------------------|----------|
| Exhaust adapter L100-400 | 3116017 |
| Adapter Maxi L100-L1600 | 3102073 |

MAXI L400



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

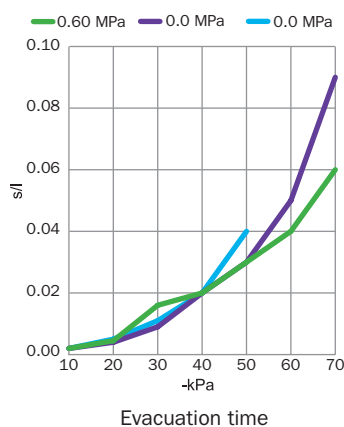
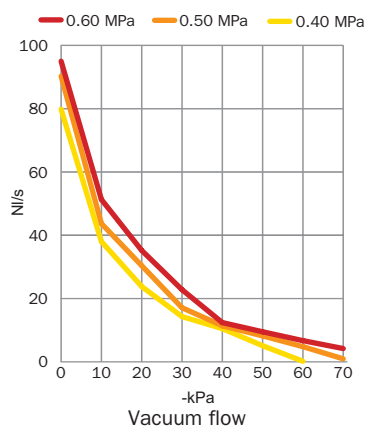
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 20–28 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 7.7 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|-----|------|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 28 | 95.0 | 51.3 | 35.2 | 22.8 | 12.4 | 9.5 | 6.7 | 4.2 | 75 |
| 0.5 | 24 | 90.3 | 43.7 | 30.4 | 17.1 | 11.4 | 8.2 | 4.8 | 0.95 | 71 |
| 0.4 | 20 | 79.8 | 38.0 | 23.8 | 14.3 | 10.5 | 5.1 | 0.19 | – | 61 |

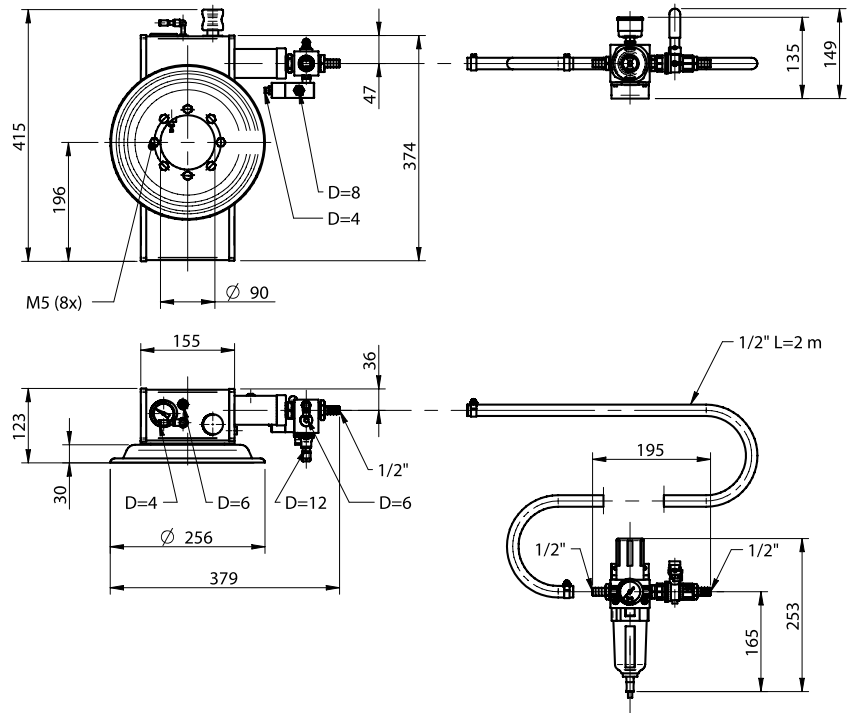
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|--------|-------|------|------|------|------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 28 | 0.002 | 0.0045 | 0.016 | 0.02 | 0.03 | 0.04 | 0.06 | 75 |
| 0.5 | 24 | 0.002 | 0.004 | 0.009 | 0.02 | 0.03 | 0.05 | 0.09 | 71 |
| 0.4 | 20 | 0.002 | 0.005 | 0.011 | 0.02 | 0.04 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L400 | 0103879 |



Conveyors C21
PUMP UNITS

ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|--------------------------|----------|
| Exhaust adapter L100-400 | 3116017 |
| Adapter Maxi L100-L1600 | 3102073 |

21/16 D=32 TANGENTIAL CONNECTION



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Standard connection.

TECHNICAL DATA

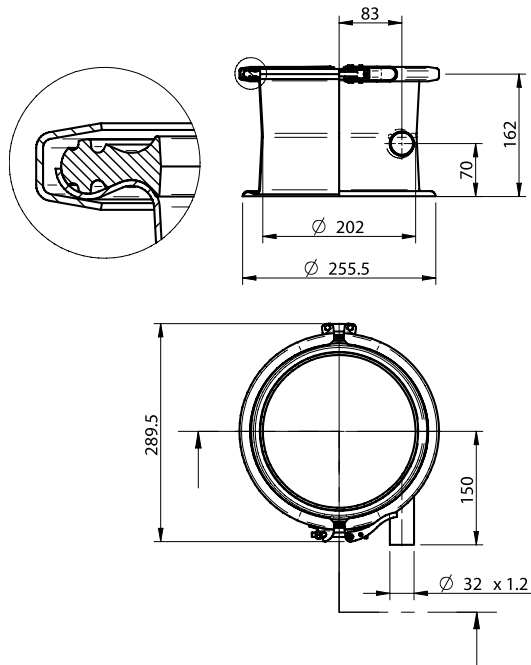
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 2.1 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0104498/1 | 0104498/2 |
| Material | | NBR | Q |
| Weight | kg | 2.03 | 2.04 |

ORDERING INFORMATION

| Description | Art. No. |
|-------------------------------------|-----------|
| Connection unit 21/16 D=32 tang NBR | 0104498/1 |
| Connection unit 21/16 D=32 tang Q | 0104498/2 |



21/16 D=51 TANGENTIAL CONNECTION



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Standard connection.

TECHNICAL DATA

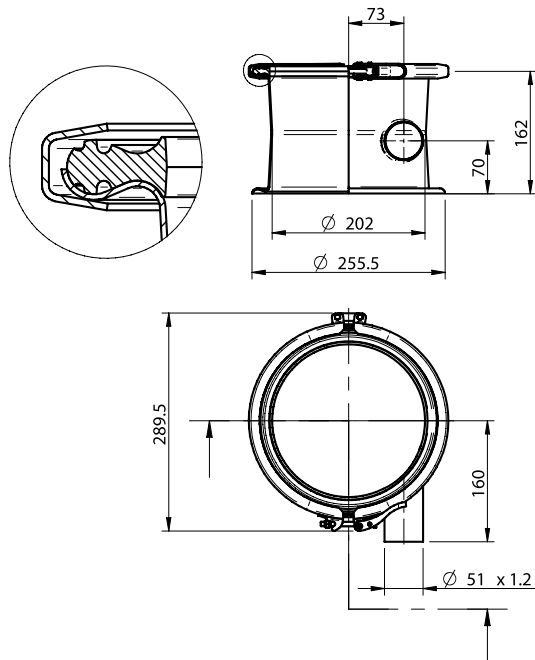
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 2.1 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0104514/1 | 0104514/2 |
| Material | | NBR | Q |
| Weight | kg | 2.06 | 2.7 |

ORDERING INFORMATION

| Description | Art. No. |
|-------------------------------------|-----------|
| Connection unit 21/16 D=51 tang NBR | 0104514/1 |
| Connection unit 21/16 D=51 tang Q | 0104514/2 |



21/16 D=32 TANGENTIAL CONNECTION 3-A



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ 3-A connection.

TECHNICAL DATA

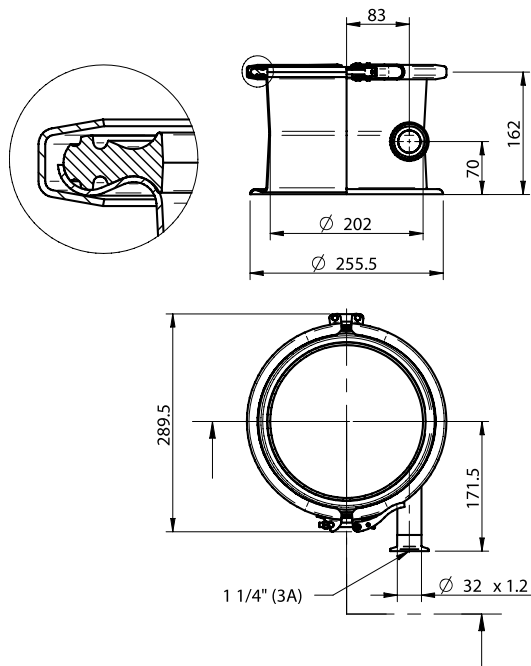
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 2.1 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106113/1 | 0106113/2 |
| Material | | NBR | Q |
| Weight | kg | 2.09 | 2.09 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Connection unit 21/16 D=32 tang 3-A, NBR | 0106113/1 |
| Connection unit 21/16 D=32 tang 3-A, Q | 0106113/2 |



21/16 D=51 TANGENTIAL CONNECTION 3-A



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ 3-A connection.

TECHNICAL DATA

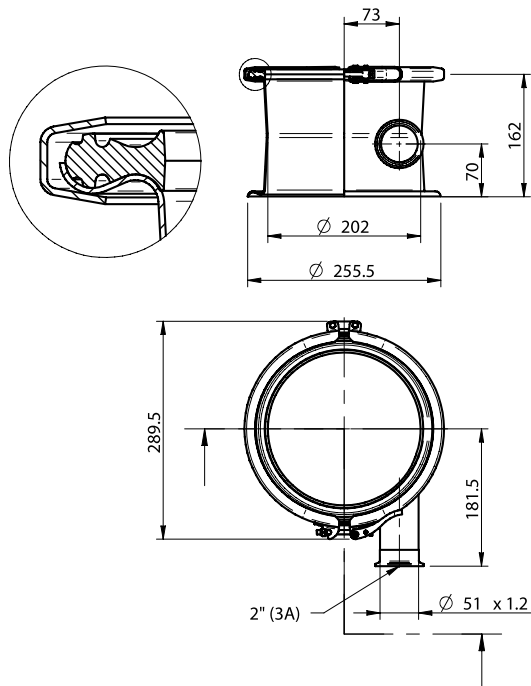
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 2.1 |

TECHNICAL DATA, SPECIFIC

| Description | Value | Unit | |
|-------------|-------|-----------|-----------|
| | | 0106114/1 | 0106114/2 |
| Material | | NBR | Q |
| Weight | kg | 2.14 | 2.14 |

ORDERING INFORMATION

| Description | Art. No. |
|---|-----------|
| Connection unit 21/16 D=51 tang 3-A NBR | 0106114/1 |
| Connection unit 21/16 D=51 tang 3-A Q | 0106114/2 |



21/16 WITH BRACKETS AND ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in stainless steel.

TECHNICAL DATA

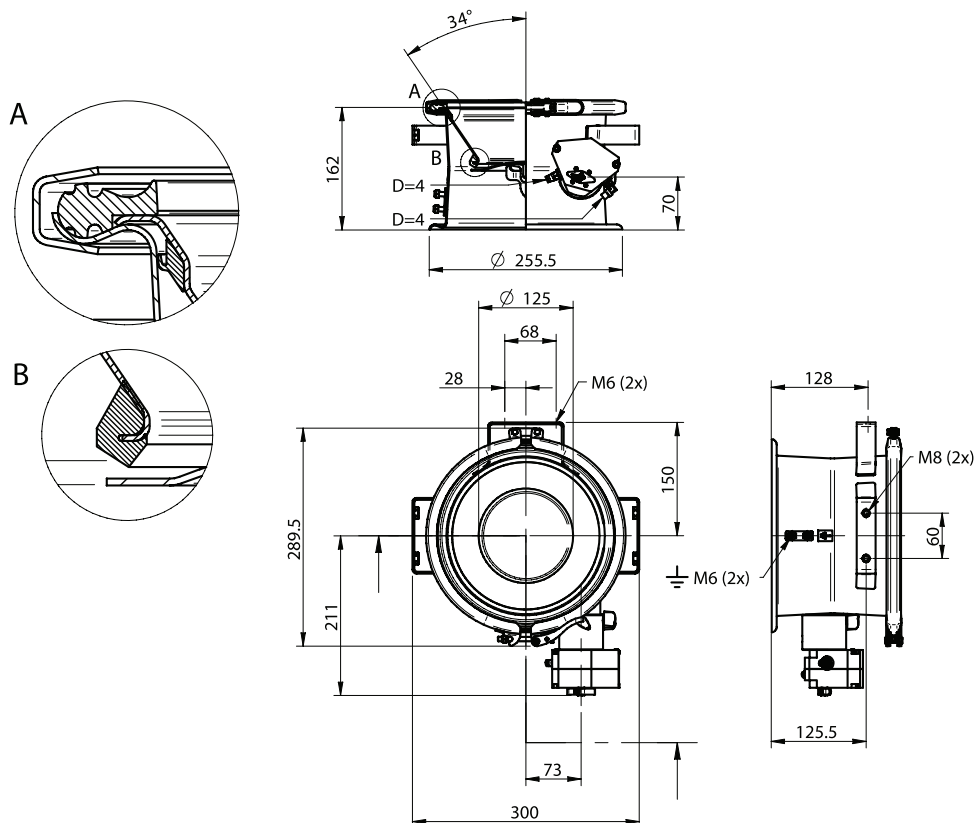
| Description | Unit | Value |
|-----------------------|------|-----------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L |
| Temperature range | °C | 0–60 |
| Material batch volume | l | 1.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|---------|---------|
| | | 0117448 | 0117449 |
| Material | | NBR | Q |
| Weight | kg | 5.50 | 5.51 |

ORDERING INFORMATION

| Description | Art. No. |
|--|----------|
| Bottom valve unit/module 21/16, brackets, stainless steel, NBR | 0117448 |
| Bottom valve unit/module 21/16, brackets, stainless steel, Q | 0117449 |



21/16 WITH BRACKETS AND ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfills the requirements of FDA.
- ▶ Fitted with actuator in epoxy-coated aluminium.

TECHNICAL DATA

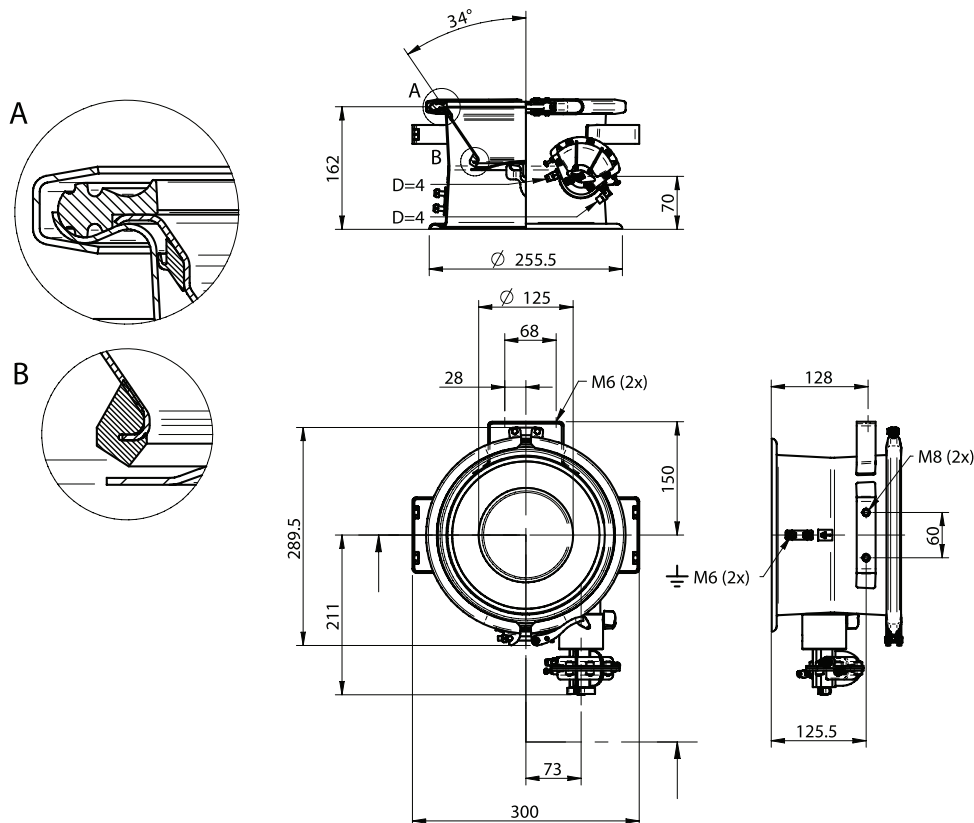
| Description | Unit | Value |
|-----------------------|------|-------------------|
| Feed pressure range | MPa | 0.4-0.6 |
| Material | | ASTM 316L, Zn, EP |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 1.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|---------|---------|
| | | 0117446 | 0117447 |
| Material | | NBR | Q |
| Weight | kg | 4.56 | 4.57 |

ORDERING INFORMATION

| Description | Art. No. |
|--|----------|
| Bottom valve unit/module 21/16, brackets, aluminium, NBR | 0117446 |
| Bottom valve unit/module 21/16, brackets, aluminium, Q | 0117447 |



21/16 WITH BRACKETS, FLUIDISATION AND ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in stainless steel.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

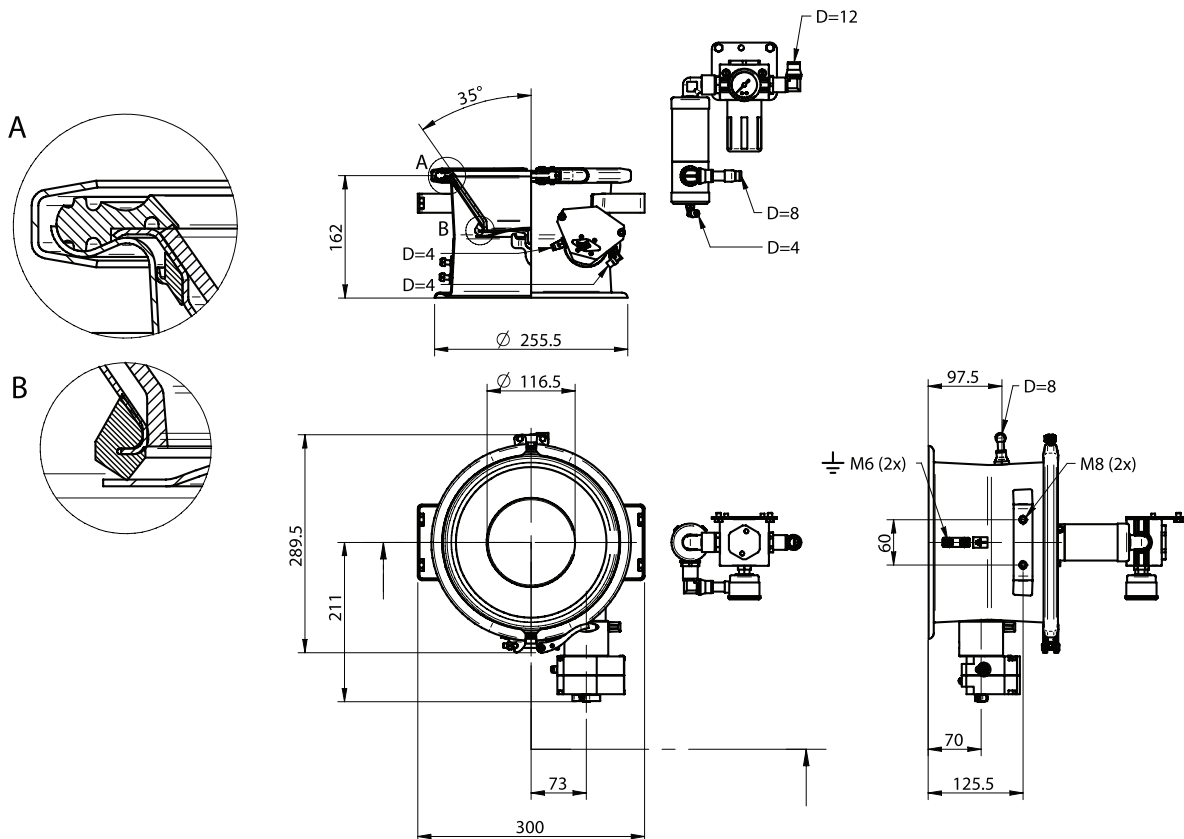
| Description | Unit | Value |
|---------------------------------|------|---------------|
| Feed pressure max | MPa | 0.7 |
| Feed pressure min, fluidization | MPa | 0.05 |
| Feed pressure max, fluidization | MPa | 0.15 |
| Air consumption min | NI/s | 3 |
| Air consumption max | NI/s | 6 |
| Material | | ASTM 316L, PE |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 1.4 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|---------|---------|
| | | 0117444 | 0117445 |
| Material | | NBR, C | Q |
| Weight | kg | 6.56 | 6.57 |

ORDERING INFORMATION

| Description | Art. No. |
|---|----------|
| Bottom valve unit/module 21/16, brackets, stainless steel, fluid, NBR | 0117457 |
| Bottom valve unit/module 21/16, brackets, stainless steel, fluid, Q | 0117458 |



21/16 WITH BRACKETS, FLUIDISATION AND ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in epoxy-coated aluminium.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

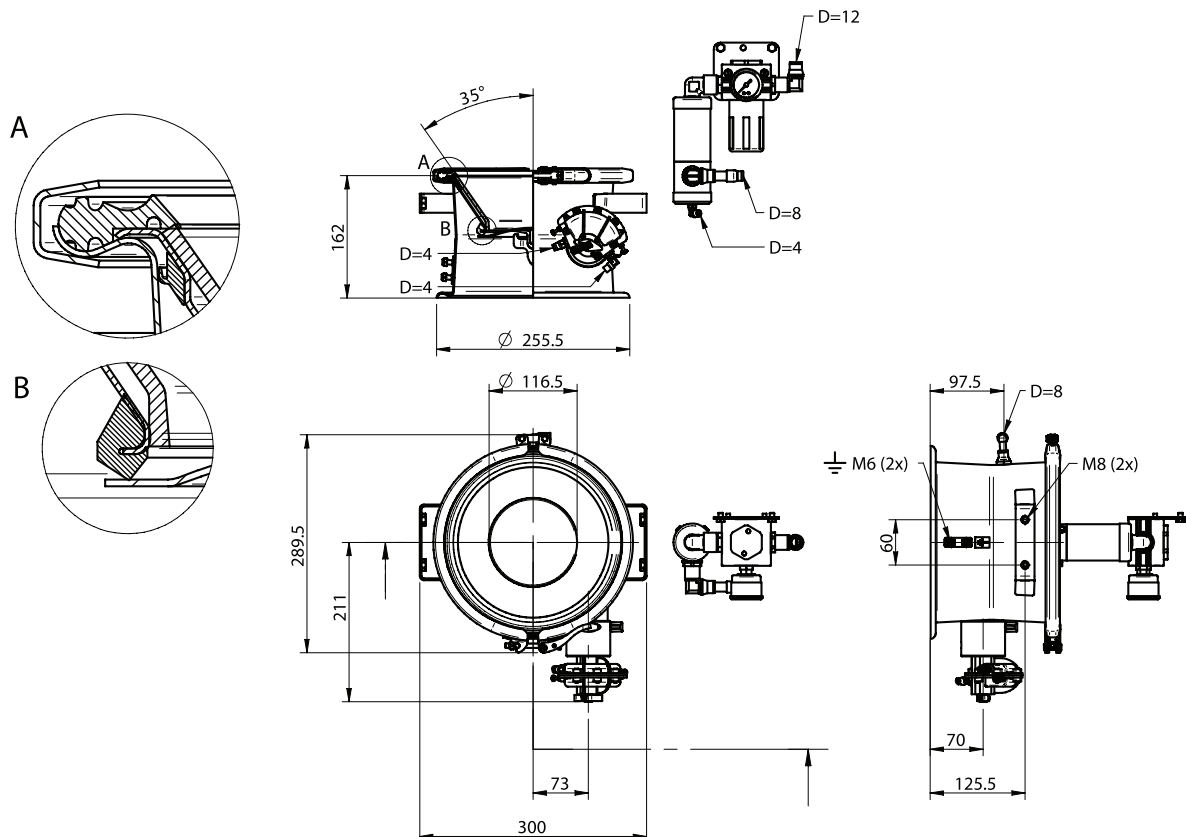
| Description | Unit | Value |
|---------------------------------|------|-----------------------|
| Feed pressure max | MPa | 0.7 |
| Feed pressure min, fluidization | MPa | 0.05 |
| Feed pressure max, fluidization | MPa | 0.15 |
| Air consumption min | NI/s | 3 |
| Air consumption max | NI/s | 6 |
| Material | | ASTM 316L, Zn, EP, PE |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 1.4 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|---------|---------|
| | | 0117457 | 0117458 |
| Material | | NBR, C | Q |
| Weight | kg | 6.56 | 6.57 |

ORDERING INFORMATION

| Description | Art. No. |
|---|----------|
| Bottom valve unit/module 21/16, brackets, aluminium, fluid, NBR | 0117444 |
| Bottom valve unit/module 21/16, brackets, aluminium, fluid, Q | 0117445 |



21/16 WITH ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in stainless steel.

TECHNICAL DATA

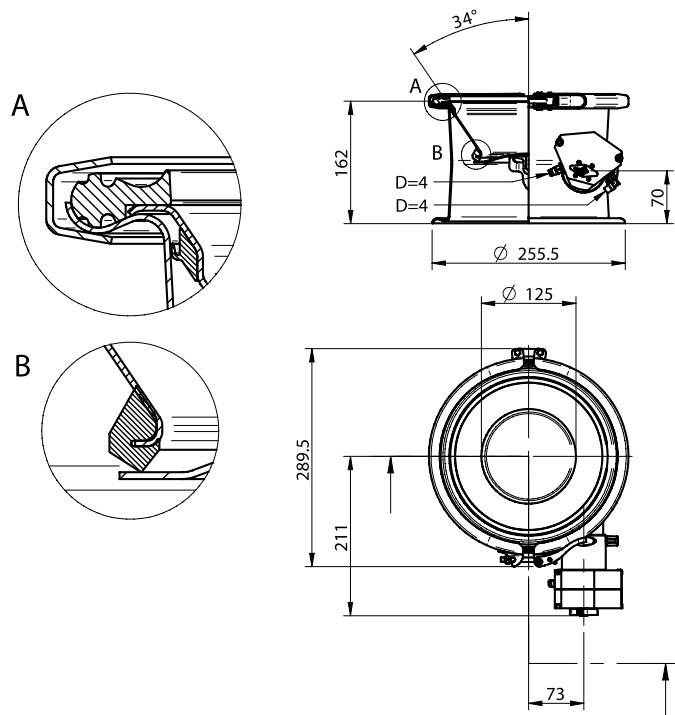
| Description | Unit | Value |
|-----------------------|------|-----------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L |
| Temperature range | °C | 0–60 |
| Material batch volume | l | 1.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106787/1 | 0106787/2 |
| Material | | NBR | Q |
| Weight | kg | 5.08 | 5.09 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------|-----------|
| Bottom valve unit 21/16 SS NBR | 0106787/1 |
| Bottom valve unit 21/16 SS Q | 0106787/2 |



21/16 WITH ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in epoxy-coated aluminium.

TECHNICAL DATA

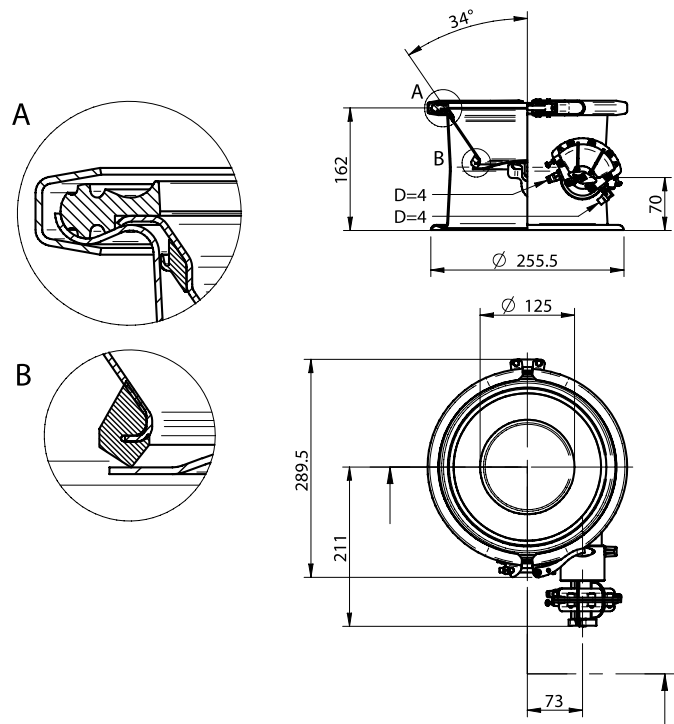
| Description | Unit | Value |
|-----------------------|------|-------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Zn, EP |
| Temperature range | °C | 0–60 |
| Material batch volume | l | 1.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106786/1 | 0106786/2 |
| Material | | NBR | Q |
| Weight | kg | 4.14 | 4.15 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------|-----------|
| Bottom valve unit 21/16 Al NBR | 0106786/1 |
| Bottom valve unit 21/16 Al Q | 0106786/2 |



Conveyors C21
BOTTOM VALVE UNITS

21/16 WITH FLUIDISATION AND ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in stainless steel.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

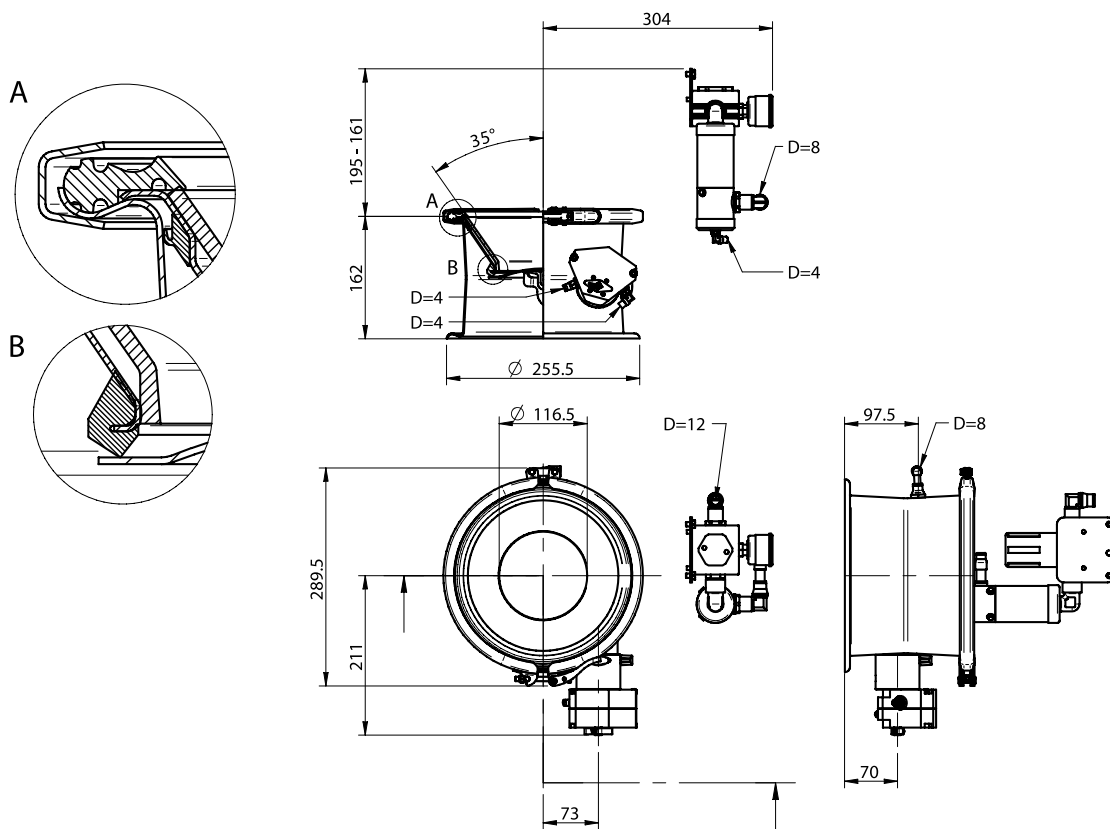
| Description | Unit | Value |
|---------------------------------|------|---------------|
| Feed pressure, max | MPa | 0.7 |
| Feed pressure, min fluidisation | MPa | 0.05 |
| Feed pressure, max fluidisation | MPa | 0.15 |
| Air consumption, min | NI/s | 3.0 |
| Air consumption, max | NI/s | 6.0 |
| Material | | ASTM 316L, PE |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 1.4 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106591/1 | 0106591/2 |
| Material | | NBR, C | Q |
| Weight | kg | 7.21 | 7.22 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Bottom valve unit 21/16 SS, fluid, NBR | 0106591/1 |
| Bottom valve unit 21/16 SS, fluid, Q | 0106591/2 |



21/16 WITH FLUIDISATION AND ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in epoxy-coated aluminium.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

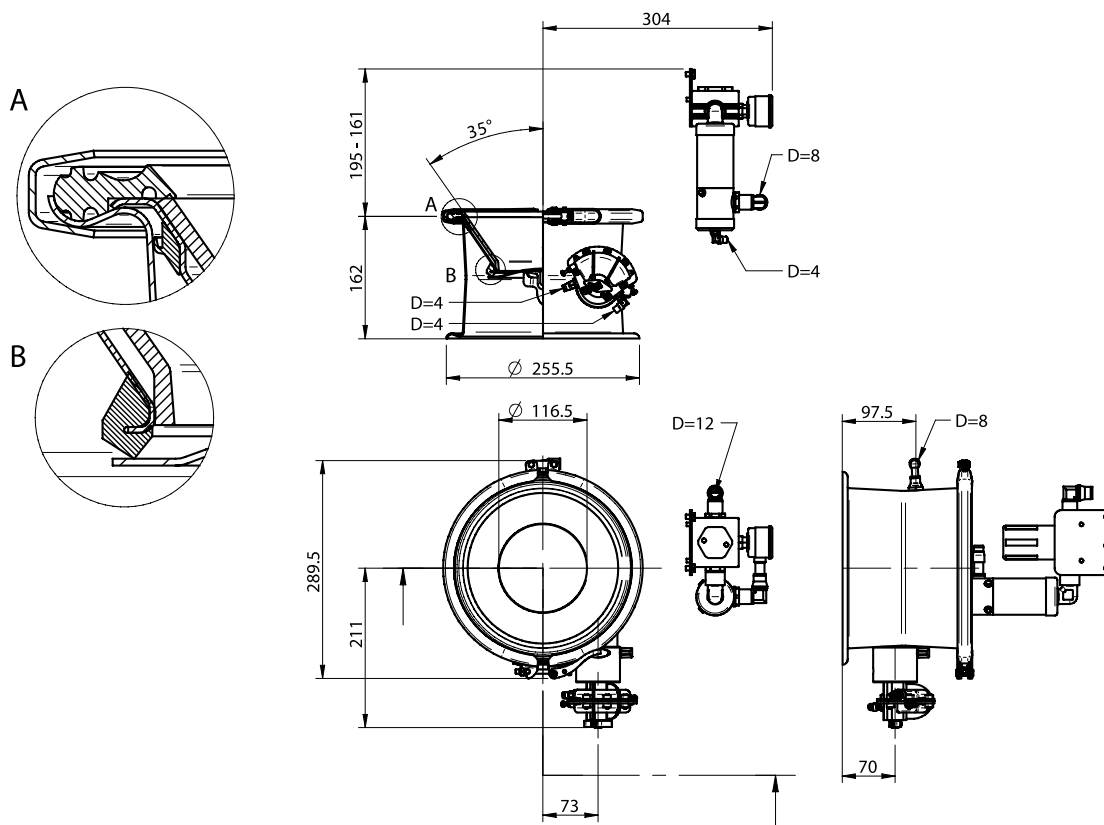
| Description | Unit | Value |
|---------------------------------|------|-----------------------|
| Feed pressure, max | MPa | 0.7 |
| Feed pressure, min fluidisation | MPa | 0.05 |
| Feed pressure, max fluidisation | MPa | 0.15 |
| Air consumption, | NI/s | 3.0 |
| Air consumption | NI/s | 6.0 |
| Material | | ASTM 316L, Zn, EP, PE |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 1.4 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106785/1 | 0106785/2 |
| Material | | NBR, C | Q |
| Weight | kg | 6.27 | 6.28 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Bottom valve unit 21/16 Al fluid NBR | 0106785/1 |
| Bottom valve unit 21/16 Al fluid Q | 0106785/2 |



BOTTOM VALVE MODULE 33/19 COMPLETE WITH ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Used together with conveyor C21 in order to increase the area of the bottom lid.
- ▶ Reduces the use of fluidisation with conveyor C21 when the cone angle is reduced.

TECHNICAL DATA

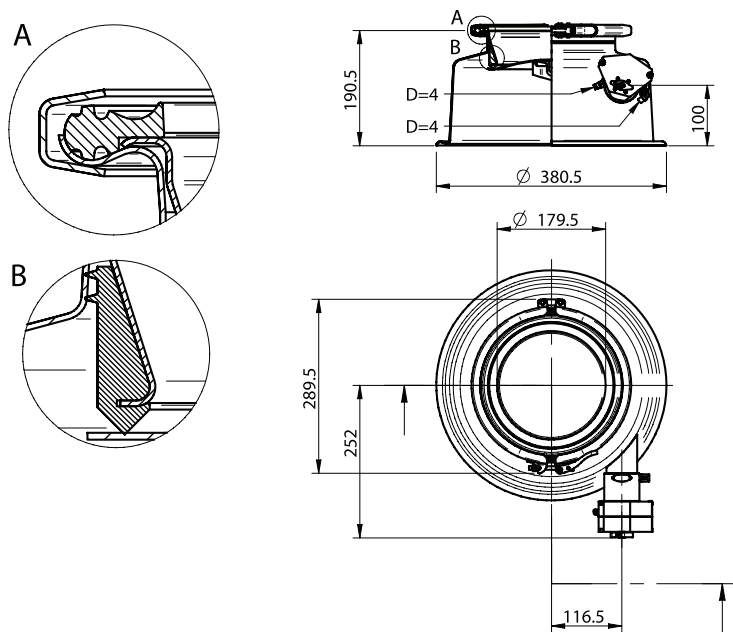
| Description | Unit | Value |
|-------------|------|-----------|
| Material | | ASTM 316L |
| Volume | l | 1.7 |
| Finish | Ra | ≤0.8 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0104026/1 | 0104026/2 |
| Material | | NBR | Q |
| Weight | kg | 6.4 | 6.4 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Bottom valve module 33/19 SS cpl NBR | 0104026/1 |
| Bottom valve module 33/19 SS cpl Q | 0104026/2 |



BOTTOM VALVE MODULE 33/19 COMPLETE WITH ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Used together with conveyor C21 in order to increase the area of the bottom lid.
- ▶ Reduces the use of fluidisation with conveyor C21 when the cone angle is reduced.

TECHNICAL DATA

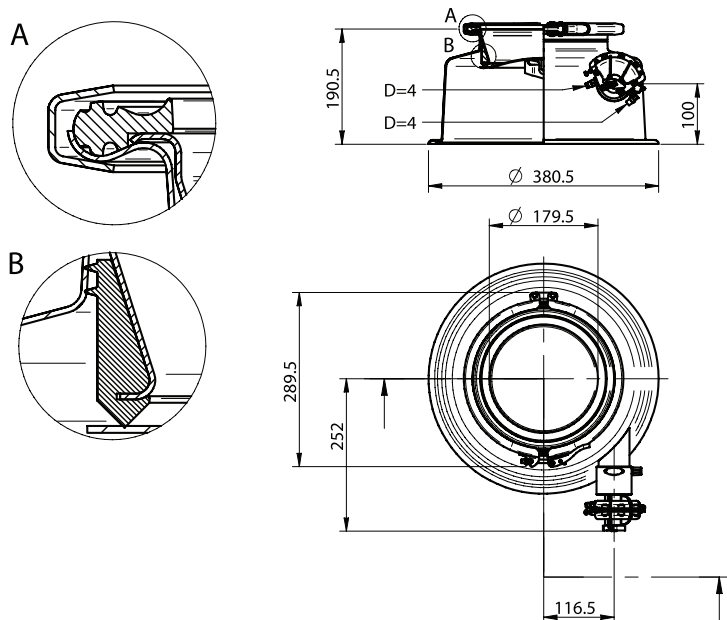
| Description | Unit | Value |
|-------------|------|-------------------|
| Material | | ASTM 316L, Zn, EP |
| Volume | l | 1.7 |
| Finish | Ra | ≤0.8 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0104028/1 | 0104028/2 |
| Material | | NBR | Q |
| Weight | kg | 5.37 | 5.37 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------------|-----------|
| Bottom valve module 33/19 Al cpl, NBR | 0104028/1 |
| Bottom valve module 33/19 Al cpl, Q | 0104028/2 |



Conveyors C21
BOTTOM VALVE UNITS

3302 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

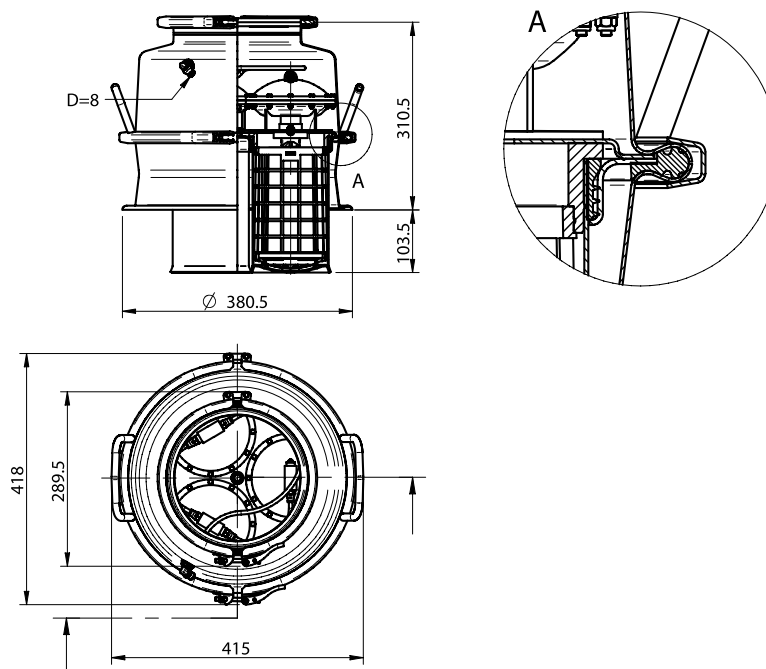
| Description | Unit | Value |
|---------------------|----------------|-----------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, ePTFE, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.26 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103887/1 | 0103887/2 |
| Material | | NBR, C | Q |
| Weight | kg | 11.9 | 11.9 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 3302 textile filter int, NBR | 0103887/1 |
| Filter unit 3302 textile filter int, Q | 0103887/2 |



3304 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

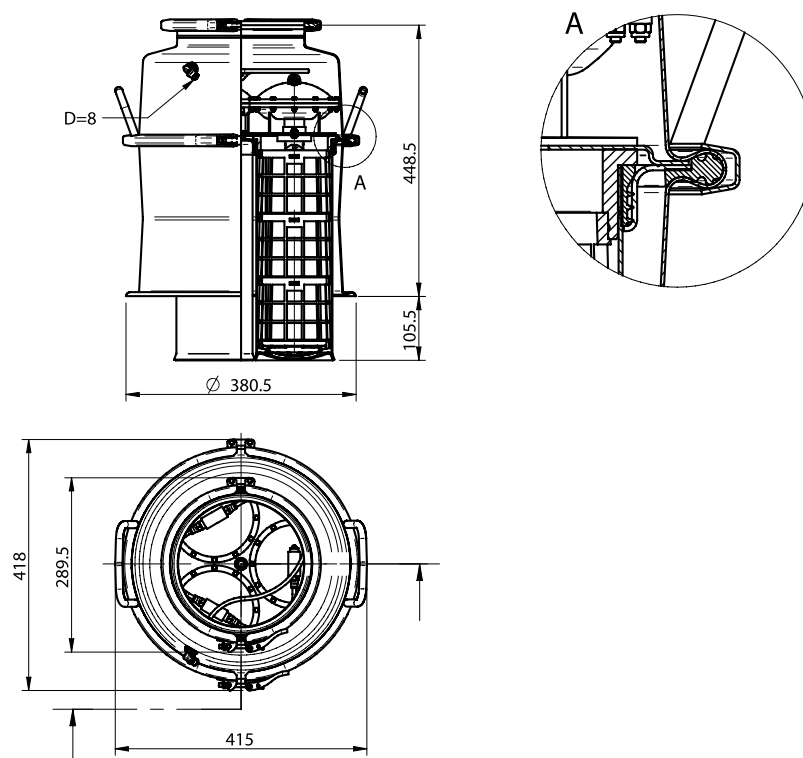
| Description | Unit | Value |
|---------------------|----------------|-----------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, ePTFE, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.42 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103888/1 | 0103888/2 |
| Material | | NBR, C | Q |
| Weight | kg | 14.0 | 14.0 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 3304 textile filter int, NBR | 0103888/1 |
| Filter unit 3304 textile filter int, Q | 0103888/2 |



3306 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

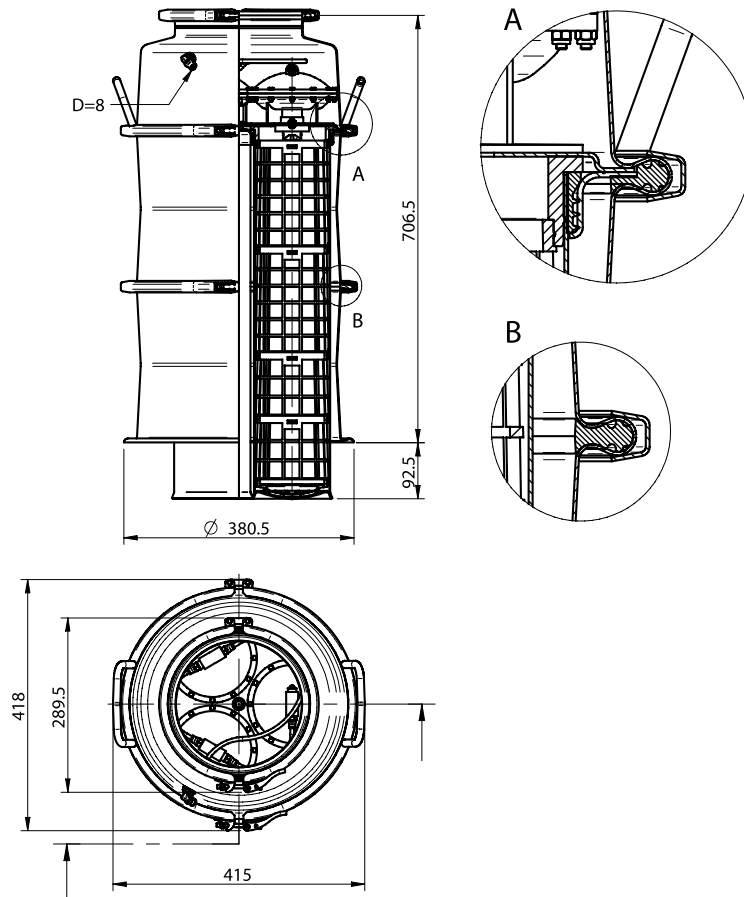
| Description | Unit | Value |
|---------------------|----------------|-----------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, ePTFE, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.70 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103889/1 | 0103889/2 |
| Material | | NBR, C | Q |
| Weight | kg | 18.9 | 19.0 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 3306 textile filter int, NBR | 0103889/1 |
| Filter unit 3306 textile filter int, Q | 0103889/2 |



3302 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

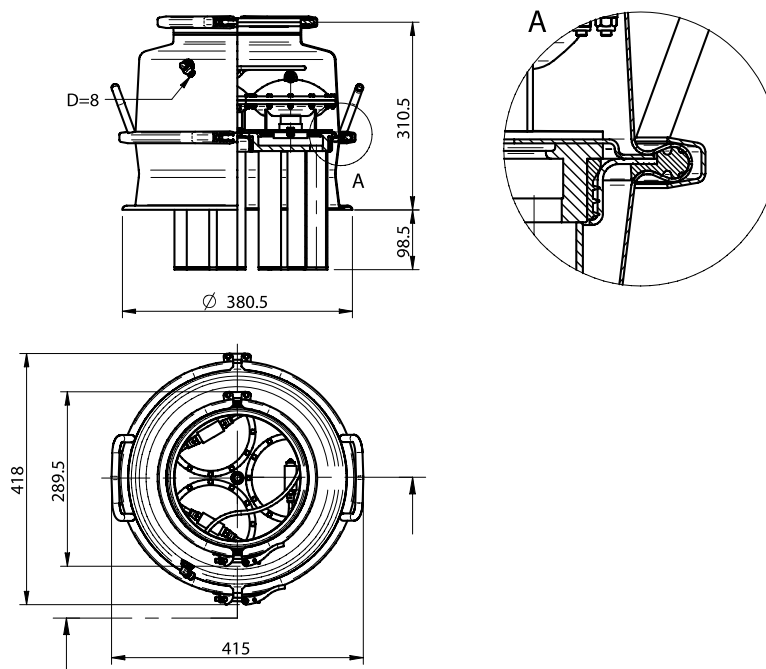
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.33 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103890/1 | 0103890/2 |
| Material | | NBR, C | Q |
| Weight | kg | 11.4 | 11.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 3302 Gore Sinbran int, NBR | 0103890/1 |
| Filter unit 3302 Gore Sinbran int, Q | 0103890/2 |



3304 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

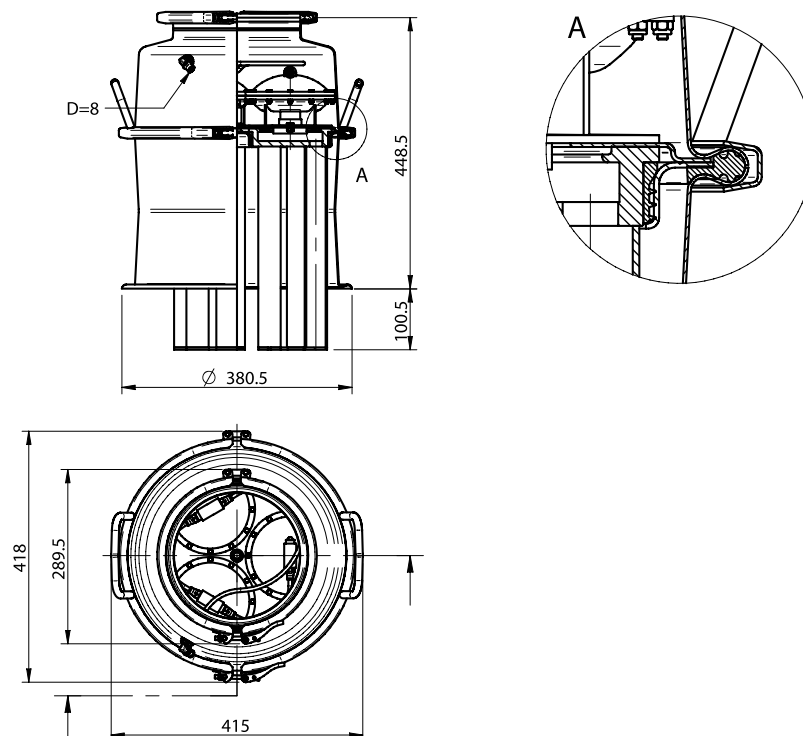
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.57 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103891/1 | 0103891/2 |
| Material | | NBR, C | Q |
| Weight | kg | 13.19 | 13.24 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 3304 Gore Sinbran int, NBR | 0103891/1 |
| Filter unit 3304 Gore Sinbran int, Q | 0103891/2 |



3306 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

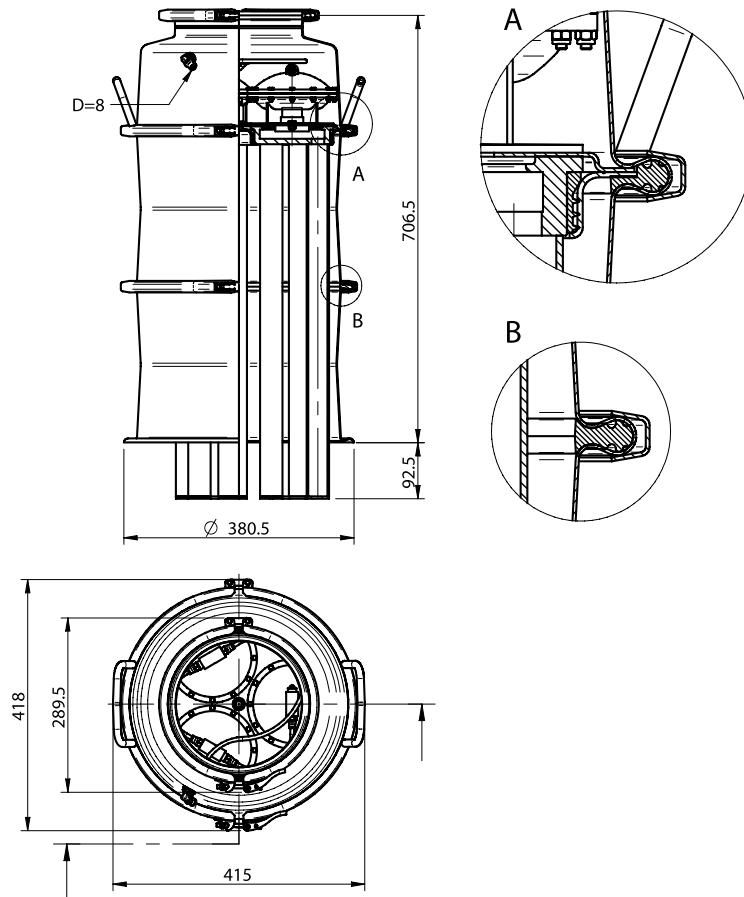
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 1.02 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103892/1 | 0103892/2 |
| Material | | NBR, C | Q |
| Weight | kg | 17.8 | 17.8 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 3306 Gore Sinbran int, NBR | 0103892/1 |
| Filter unit 3306 Gore Sinbran int, Q | 0103892/2 |



3302 WITH GORE SINBRAN FILTER AND EXTERNAL FILTER SHOCK



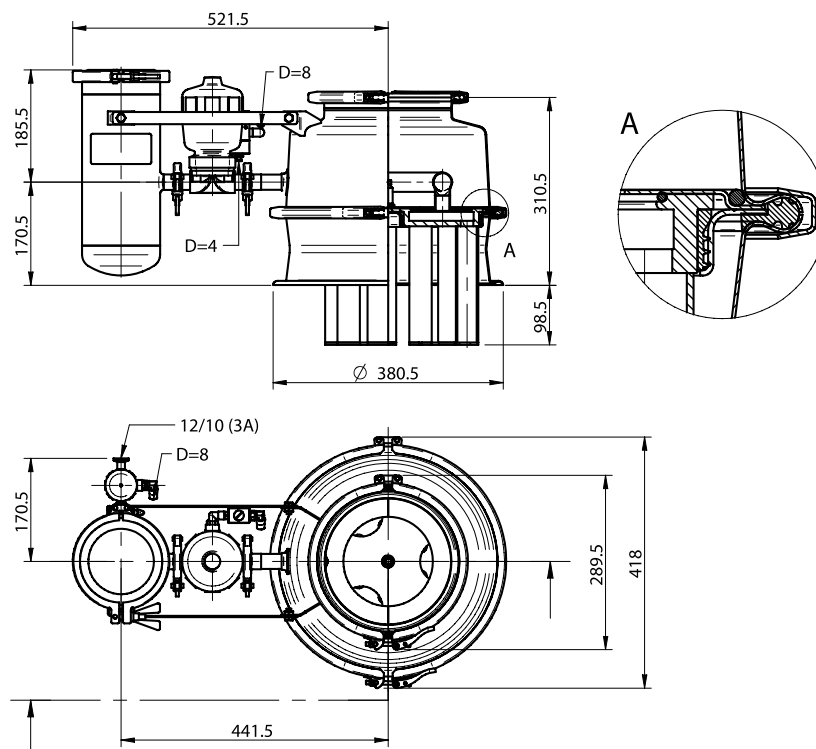
- ▶ Separates the carrying air from the conveyed product.
- ▶ Hygienic design.
- ▶ The sealings and white rod filter fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------|----------------|------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Q, PTFE, PE |
| Temperature range | °C | 0–60 |
| Weight | kg | 18.5 |
| Filter area | m ² | 0.33 |
| Min particle size | µm | 0.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Filter unit 3302 Gore Sinbran ext, Q | 0103896/2 |



3304 WITH GORE SINBRAN FILTER AND EXTERNAL FILTER SHOCK



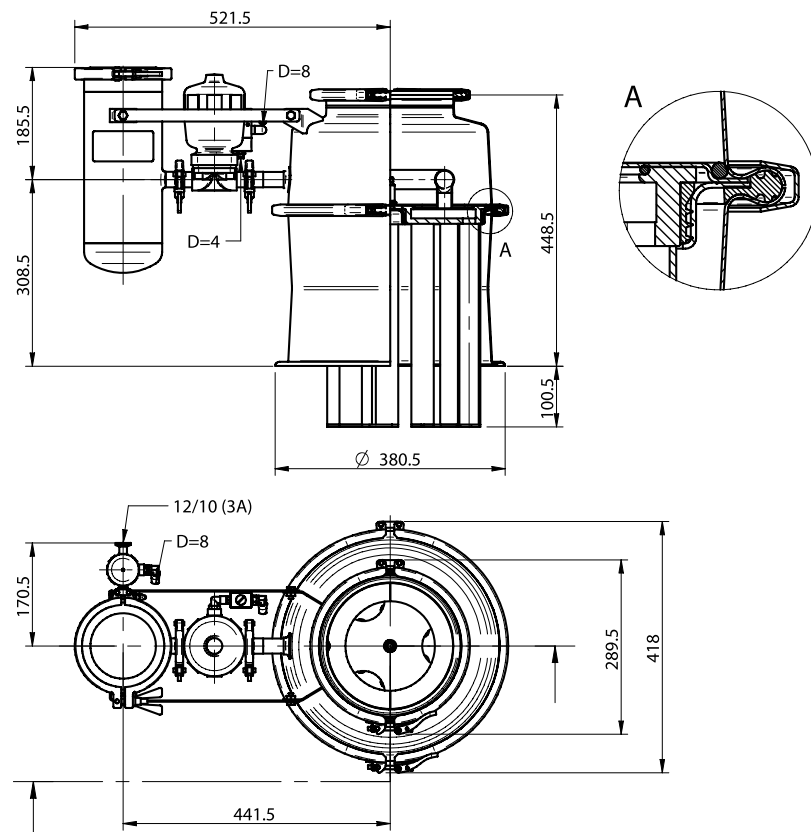
- ▶ Separates the carrying air from the conveyed product.
- ▶ Hygienic design.
- ▶ The sealings and white rod filter fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------|----------------|------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Q, PTFE, PE |
| Temperature range | °C | 0–60 |
| Weight | kg | 19.8 |
| Filter area | m ² | 0.57 |
| Min particle size | µm | 0.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Filter unit 3304 Gore Sinbran ext, Q | 0103897/2 |



3306 WITH GORE SINBRAN FILTER AND EXTERNAL FILTER SHOCK



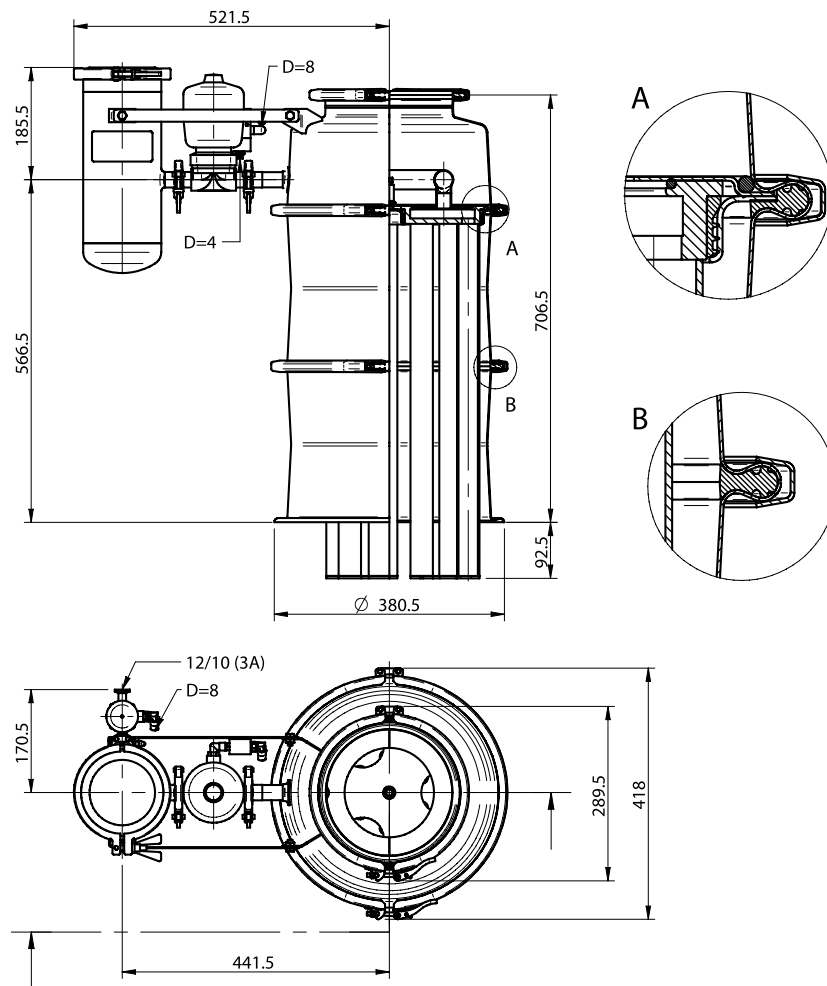
- ▶ Separates the carrying air from the conveyed product.
- ▶ Hygienic design.
- ▶ The sealings and white rod filter fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------|----------------|------------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Q, PTFE, PE |
| Temperature range | °C | 0–60 |
| Weight | kg | 24.4 |
| Filter area | m ² | 1.02 |
| Min particle size | µm | 0.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Filter unit 3306 Gore Sinbran ext, Q | 0103898/2 |



Conveyors C33
FILTER UNITS

MAXI L200



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

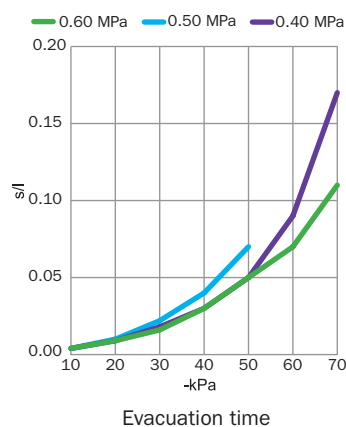
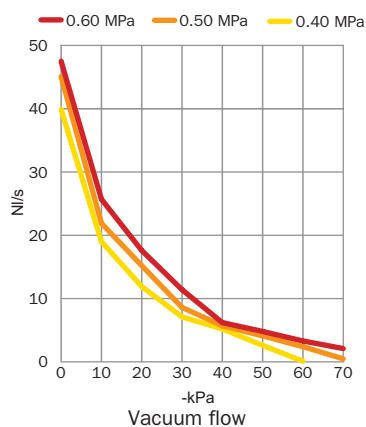
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 10–14 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 7.6 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|-----|-----|-----|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 14 | 47.5 | 25.7 | 17.6 | 11.4 | 6.2 | 4.8 | 3.3 | 2.1 | 75 |
| 0.5 | 12 | 45.1 | 21.9 | 15.2 | 8.6 | 5.7 | 4.1 | 2.4 | 0.48 | 71 |
| 0.4 | 10 | 39.9 | 19.0 | 11.9 | 7.1 | 5.2 | 2.6 | 0.1 | – | 61 |

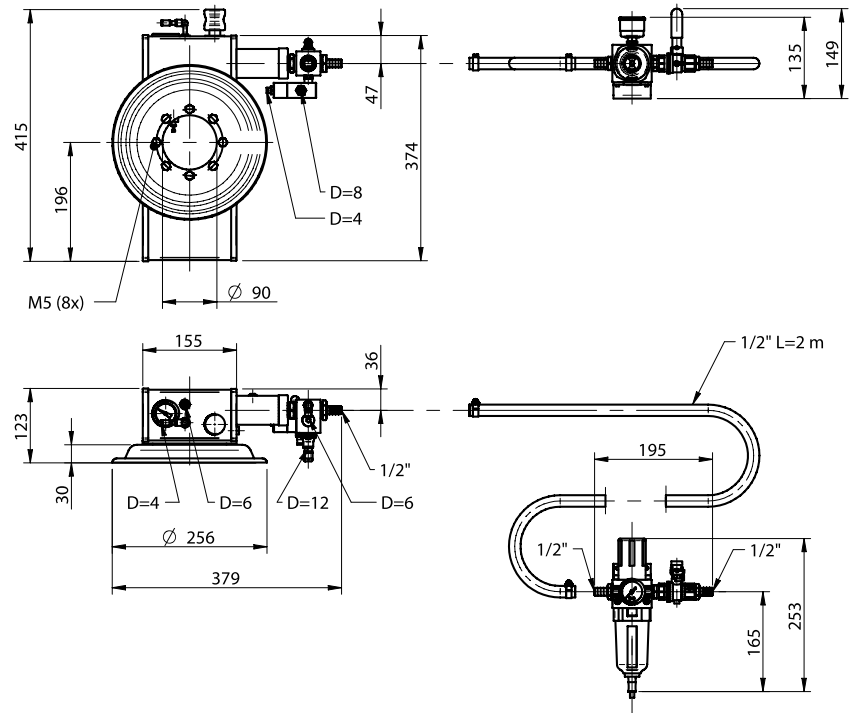
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | Evacuation time (s/l) at different vacuum levels (-kPa) | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|---|-------|-------|------|------|------|------|--------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 14 | 0.004 | 0.009 | 0.016 | 0.03 | 0.05 | 0.07 | 0.11 | 75 |
| 0.5 | 12 | 0.004 | 0.009 | 0.018 | 0.03 | 0.05 | 0.09 | 0.17 | 71 |
| 0.4 | 10 | 0.004 | 0.01 | 0.022 | 0.04 | 0.07 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L200 | 0103878 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|--------------------------|----------|
| Exhaust adapter L100-400 | 3116017 |
| Adapter Maxi L100-L1600 | 3102073 |

MAXI L400



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

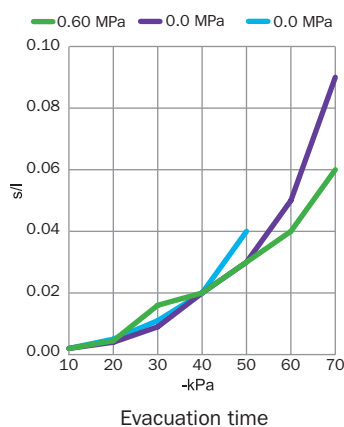
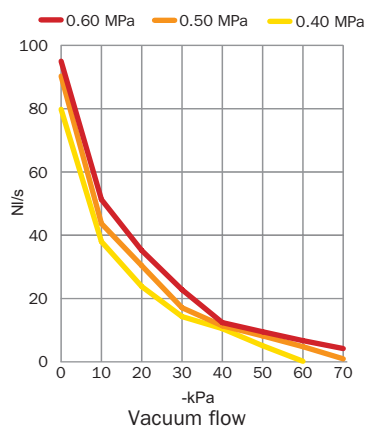
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 20–28 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 7.7 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|-----|------|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 28 | 95.0 | 51.3 | 35.2 | 22.8 | 12.4 | 9.5 | 6.7 | 4.2 | 75 |
| 0.5 | 24 | 90.3 | 43.7 | 30.4 | 17.1 | 11.4 | 8.2 | 4.8 | 0.95 | 71 |
| 0.4 | 20 | 79.8 | 38.0 | 23.8 | 14.3 | 10.5 | 5.1 | 0.19 | – | 61 |

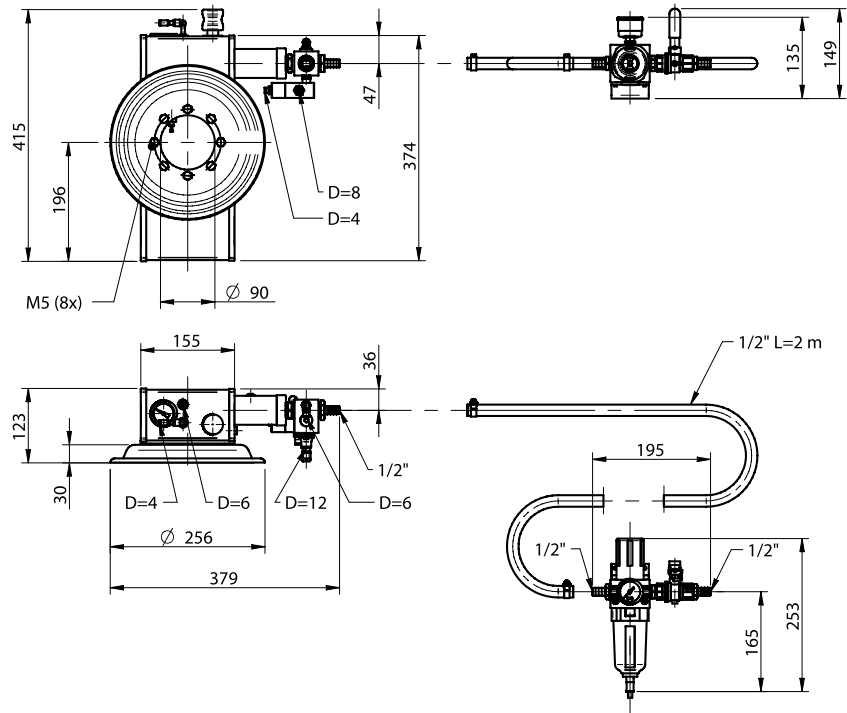
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|--------|-------|------|------|------|------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 28 | 0.002 | 0.0045 | 0.016 | 0.02 | 0.03 | 0.04 | 0.06 | 75 |
| 0.5 | 24 | 0.002 | 0.004 | 0.009 | 0.02 | 0.03 | 0.05 | 0.09 | 71 |
| 0.4 | 20 | 0.002 | 0.005 | 0.011 | 0.02 | 0.04 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L400 | 0103879 |



Conveyors C33
PUMP UNITS

ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|--------------------------|----------|
| Exhaust adapter L100-400 | 3116017 |
| Adapter Maxi L100-L1600 | 3102073 |

MAXI L600



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

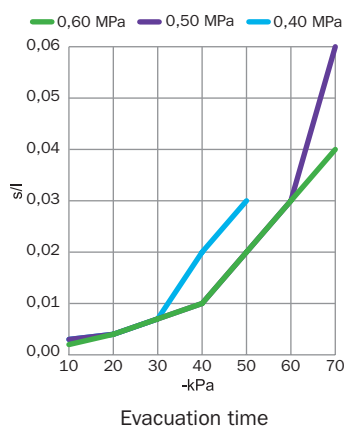
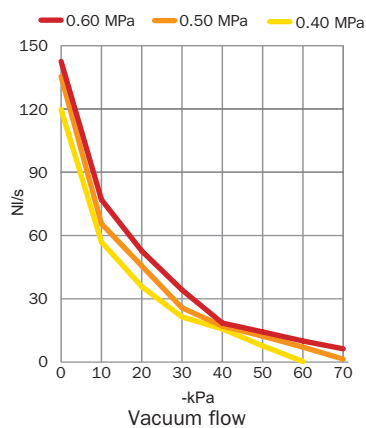
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 30–42 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 13.3 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|------|------|-----|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.6 | 42 | 142.5 | 77.0 | 52.7 | 34.2 | 18.5 | 14.3 | 10.0 | 6.3 | 75 | |
| 0.5 | 36 | 135.4 | 65.6 | 45.6 | 25.7 | 17.1 | 12.3 | 7.1 | 1.4 | 71 | |
| 0.4 | 30 | 119.7 | 57.0 | 35.8 | 21.4 | 15.7 | 7.7 | 0.3 | – | 61 | |

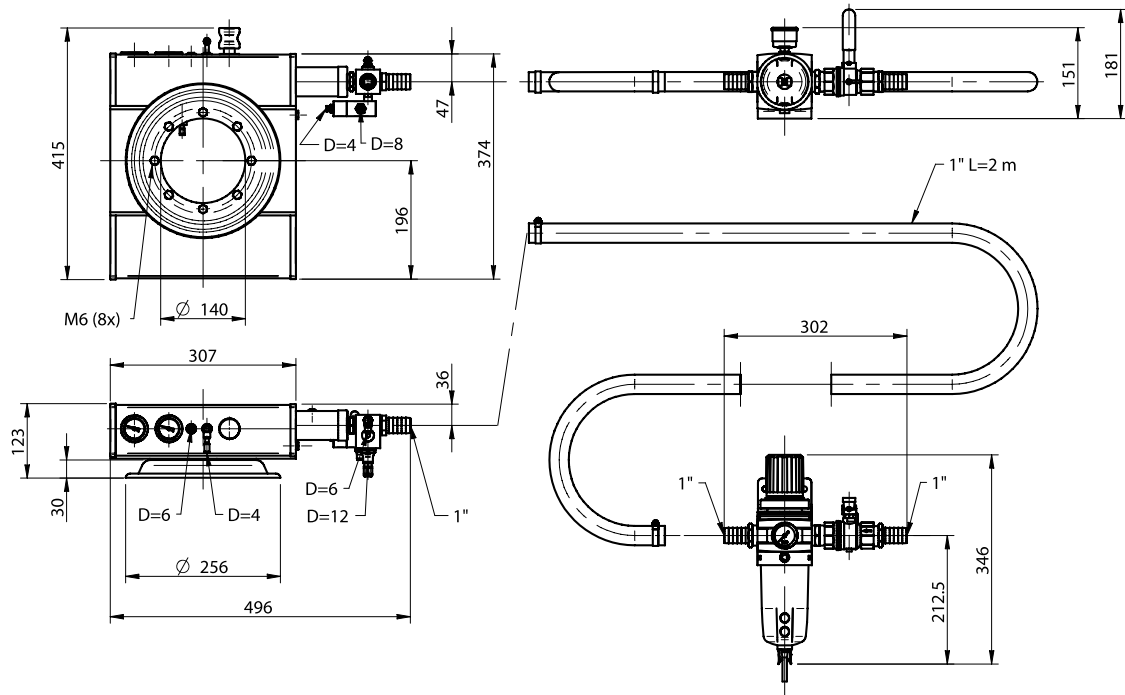
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|-------|-------|------|------|------|------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 42 | 0.002 | 0.004 | 0.007 | 0.01 | 0.02 | 0.03 | 0.04 | 75 |
| 0.5 | 36 | 0.003 | 0.004 | 0.007 | 0.01 | 0.02 | 0.03 | 0.06 | 71 |
| 0.4 | 30 | 0.003 | 0.004 | 0.007 | 0.02 | 0.03 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L600 | 0103880 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|----------------------------|----------|
| Exhaust adapters L600-L800 | 3116018 |
| Adapter Maxi L100-L1600 | 3102073 |

Conveyors C33
PUMP UNITS

MAXI L800



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

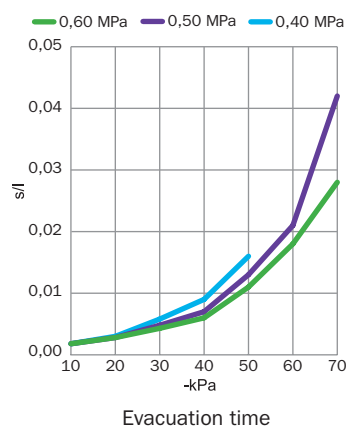
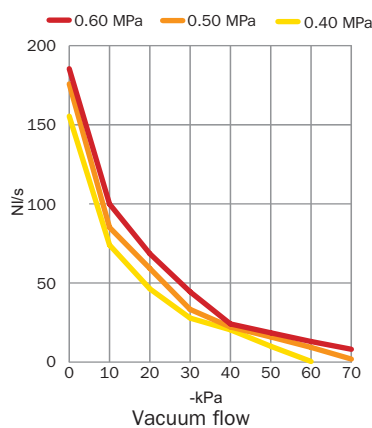
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 40–56 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 13.3 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|------|------|-----|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.6 | 56 | 185.4 | 99.9 | 68.5 | 44.4 | 24.1 | 18.5 | 13.0 | 8.1 | 75 | |
| 0.5 | 48 | 175.8 | 85.1 | 59.2 | 33.3 | 22.2 | 15.9 | 9.3 | 1.9 | 71 | |
| 0.4 | 40 | 155.4 | 74.0 | 46.3 | 27.8 | 20.4 | 10.0 | 0.4 | – | 61 | |

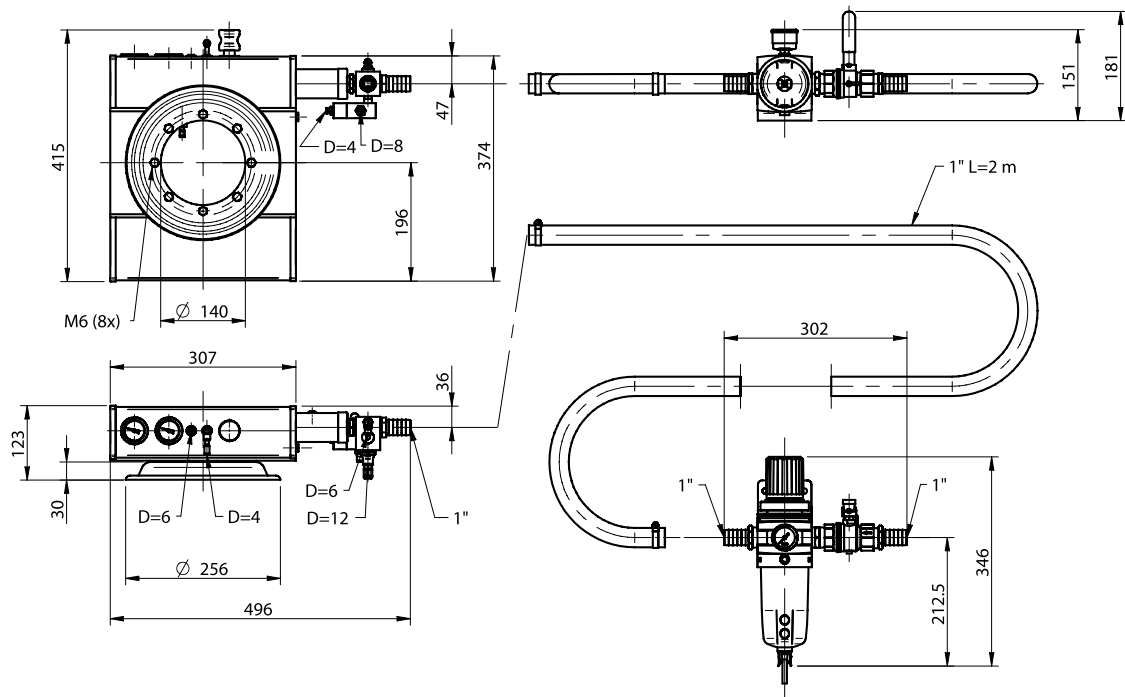
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|--------|--------|--------|-------|-------|-------|-------|--------------------|
| | | s/l | | | | | | | |
| 0.6 | 56 | 0.0018 | 0.0028 | 0.0043 | 0.006 | 0.011 | 0.018 | 0.028 | 75 |
| 0.5 | 48 | 0.0018 | 0.0028 | 0.0048 | 0.007 | 0.013 | 0.021 | 0.042 | 71 |
| 0.4 | 40 | 0.018 | 0.003 | 0.0058 | 0.009 | 0.016 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L800 | 0103881 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|----------------------------|----------|
| Exhaust adapters L600-L800 | 3116018 |
| Adapter Maxi L100-L1600 | 3102073 |

Conveyors C33
PUMP UNITS

MAXI L1200



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

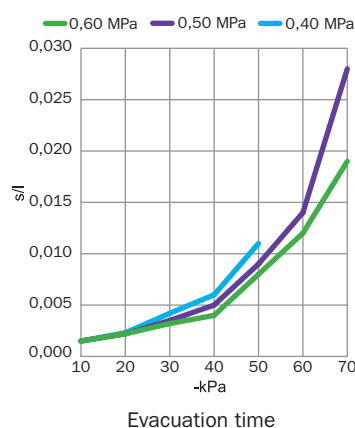
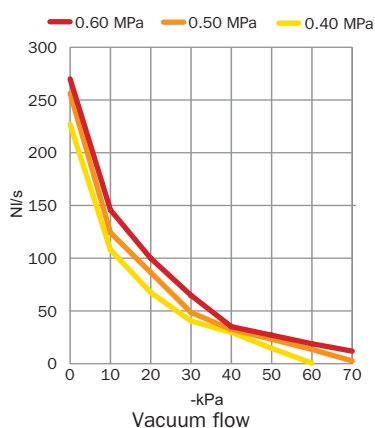
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 60–84 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 15.0 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|-------|------|------|------|------|------|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 84 | 270.0 | 145.8 | 99.9 | 64.8 | 35.1 | 27.0 | 18.9 | 11.9 | 75 |
| 0.5 | 72 | 256.5 | 124.2 | 86.4 | 48.6 | 32.4 | 23.2 | 13.5 | 2.7 | 71 |
| 0.4 | 60 | 227 | 108 | 67.5 | 40.5 | 29.7 | 14.6 | 0.5 | – | 61 |

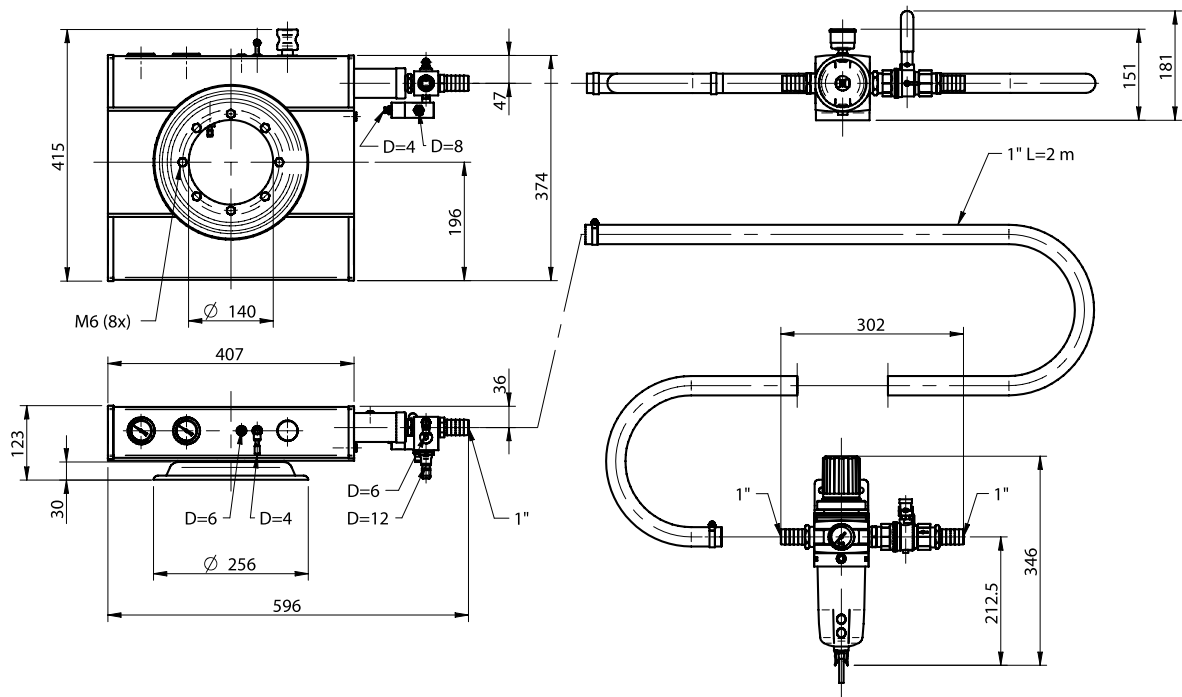
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|--------|--------|-------|-------|-------|-------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 84 | 0.0015 | 0.0022 | 0.0032 | 0.004 | 0.008 | 0.012 | 0.019 | 75 |
| 0.5 | 72 | 0.0015 | 0.0022 | 0.0035 | 0.005 | 0.009 | 0.014 | 0.028 | 71 |
| 0.4 | 60 | 0.0015 | 0.0023 | 0.0042 | 0.006 | 0.011 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|----------------------|----------|
| Pump unit Maxi L1200 | 0103882 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|-----------------------------|----------|
| Central exhaust MLL1200 | 3116054 |
| Adapter MAXI L100-L1600 cpl | 3102073 |

Conveyors C33
PUMP UNITS

33/26 D=76 TANGENTIAL CONNECTION WITH MOUNTING BRACKET



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Standard connection.

TECHNICAL DATA

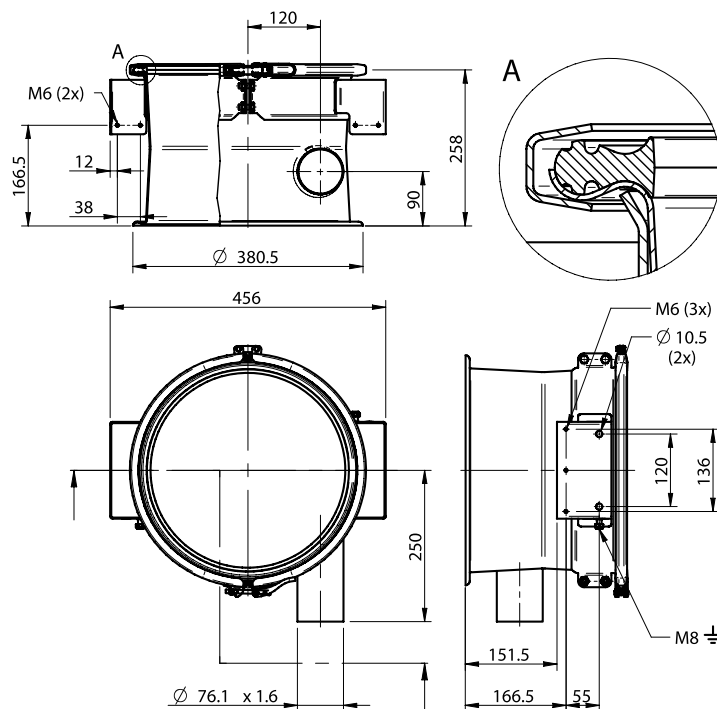
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 4.2 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103884/1 | 0103884/2 |
| Material | | NBR | Q |
| Weight | kg | 6.50 | 6.54 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Connection unit 33/26 D=76 tang, NBR | 0103884/1 |
| Connection unit 33/26 D=76 tang, Q | 0103884/2 |



33/26 D=76 TANGENTIAL CONNECTION WITH MOUNTING BRACKET 3-A



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ 3-A connection.

TECHNICAL DATA

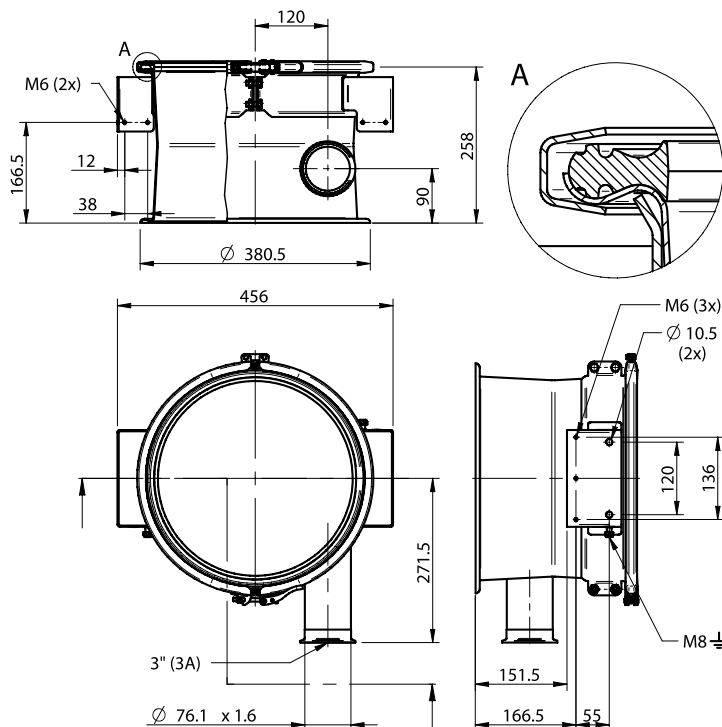
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 4.2 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103885/1 | 0103885/2 |
| Material | | NBR | Q |
| Weight | kg | 7.00 | 7.00 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Connection unit 33/26 D=75 tang 3-A, NBR | 0103885/1 |
| Connection unit 33/26 D=75 tang 3-A, Q | 0103885/2 |



33/34 WITH ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in stainless steel.

TECHNICAL DATA

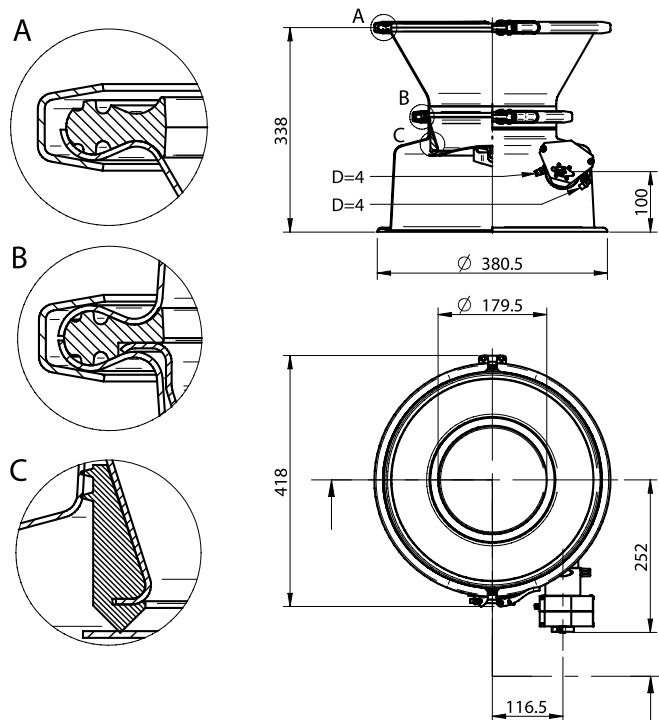
| Description | Unit | Value |
|-----------------------|------|-----------|
| Feed pressure range | MPa | 0.4-0.6 |
| Material | | ASTM 316L |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 9.8 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103907/1 | 0103907/2 |
| Material | | NBR | Q |
| Weight | kg | 9.20 | 9.20 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------|-----------|
| Bottom valve unit 33/34 SS, NBR | 0103907/1 |
| Bottom valve unit 33/34 SS, Q | 0103907/2 |



33/34 WITH ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in epoxy-coated aluminium.

TECHNICAL DATA

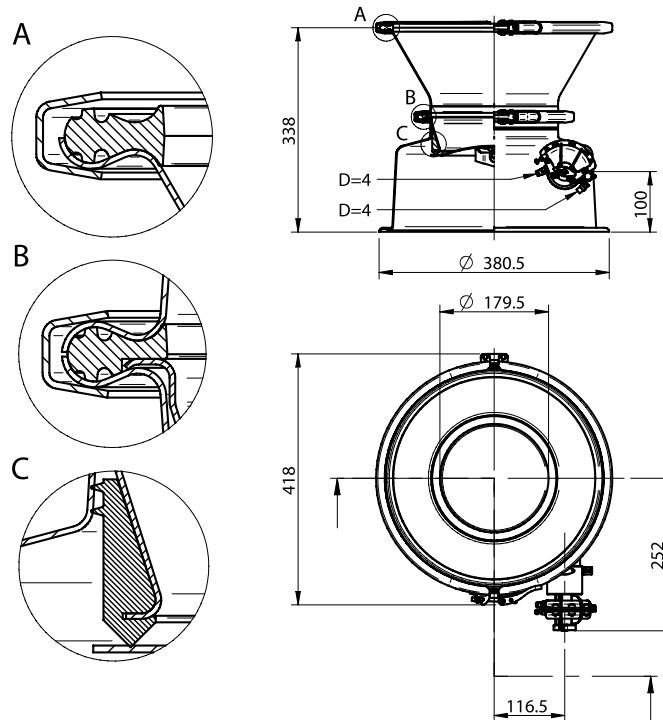
| Description | Unit | Value |
|-----------------------|------|-------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Zn, EP |
| Temperature range | °C | 0–60 |
| Material batch volume | l | 9.8 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103913/1 | 0103913/2 |
| Material | | NBR | Q |
| Weight | kg | 8.00 | 8.00 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------|-----------|
| Bottom valve unit 33/34 Al NBR | 0103913/1 |
| Bottom valve unit 33/34 Al Q | 0103913/2 |



Conveyors C33
BOTTOM VALVE UNITS

33/34 WITH FLUIDISATION AND ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in stainless steel.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

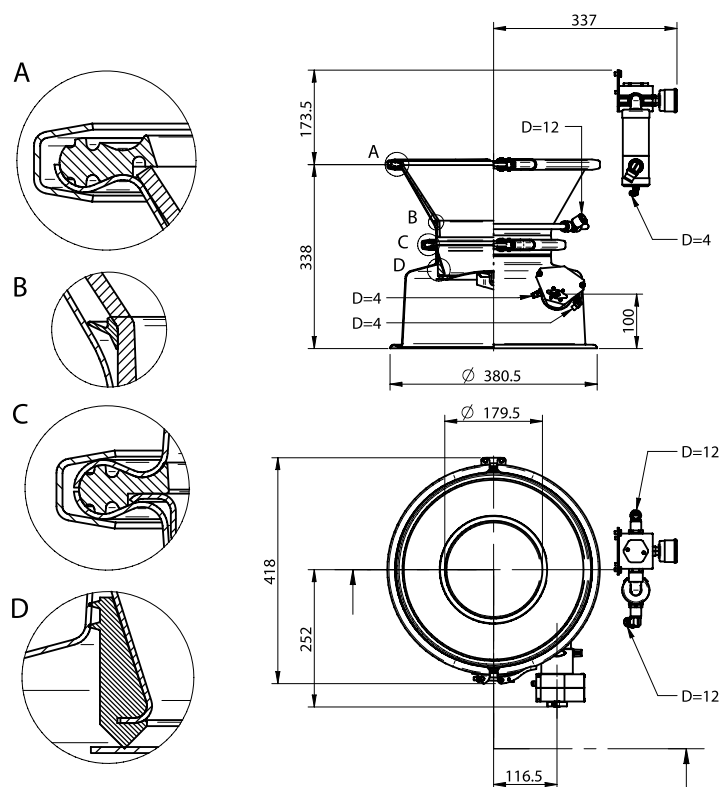
| Description | Unit | Value |
|---------------------------------|------|---------------|
| Feed pressure, max | MPa | 0.7 |
| Feed pressure, min fluidisation | MPa | 0.05 |
| Feed pressure, max fluidisation | MPa | 0.15 |
| Air consumption, min | NI/s | 6.0 |
| Air consumption, max | NI/s | 12.0 |
| Material | | ASTM 316L, PE |
| Temperature range | C° | 0-60 |
| Material batch volume | l | 9.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103909/1 | 0103909/2 |
| Material | | NBR, C | Q |
| Weight | kg | 11.3 | 11.3 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------------------------|-----------|
| Bottom valve unit 33/34 SS fluid NBR | 0103909/1 |
| Bottom valve unit 33/34 SS fluid Q | 0103909/2 |



33/34 WITH FLUIDISATION AND ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in epoxy-coated aluminium.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

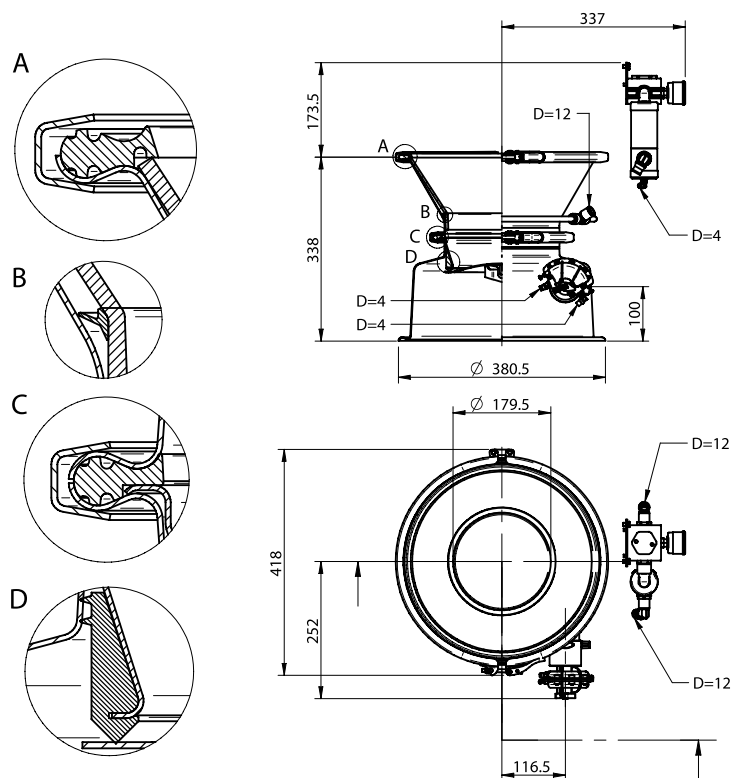
| Description | Unit | Value |
|---------------------------------|------|----------------------|
| Feed pressure, max | MPa | 0.7 |
| Feed pressure, min fluidisation | MPa | 0.05 |
| Feed pressure, max fluidisation | MPa | 0.15 |
| Air consumption, min | NI/s | 6.0 |
| Air consumption, max | NI/s | 12.0 |
| Material | | ASTM 316L, Zn, EP,PE |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 9.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0103915/1 | 0103915/2 |
| Material | | NBR, C | Q |
| Weight | kg | 10.1 | 10.1 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Bottom valve unit 33/34 Al, fluid, NBR | 0103915/1 |
| Bottom valve unit 33/34 Al, fluid, Q | 0103915/2 |



5602 WITH TEXTILE FILTER, INTERNAL FILTER SHOCK AND CONNECTION MODULE



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

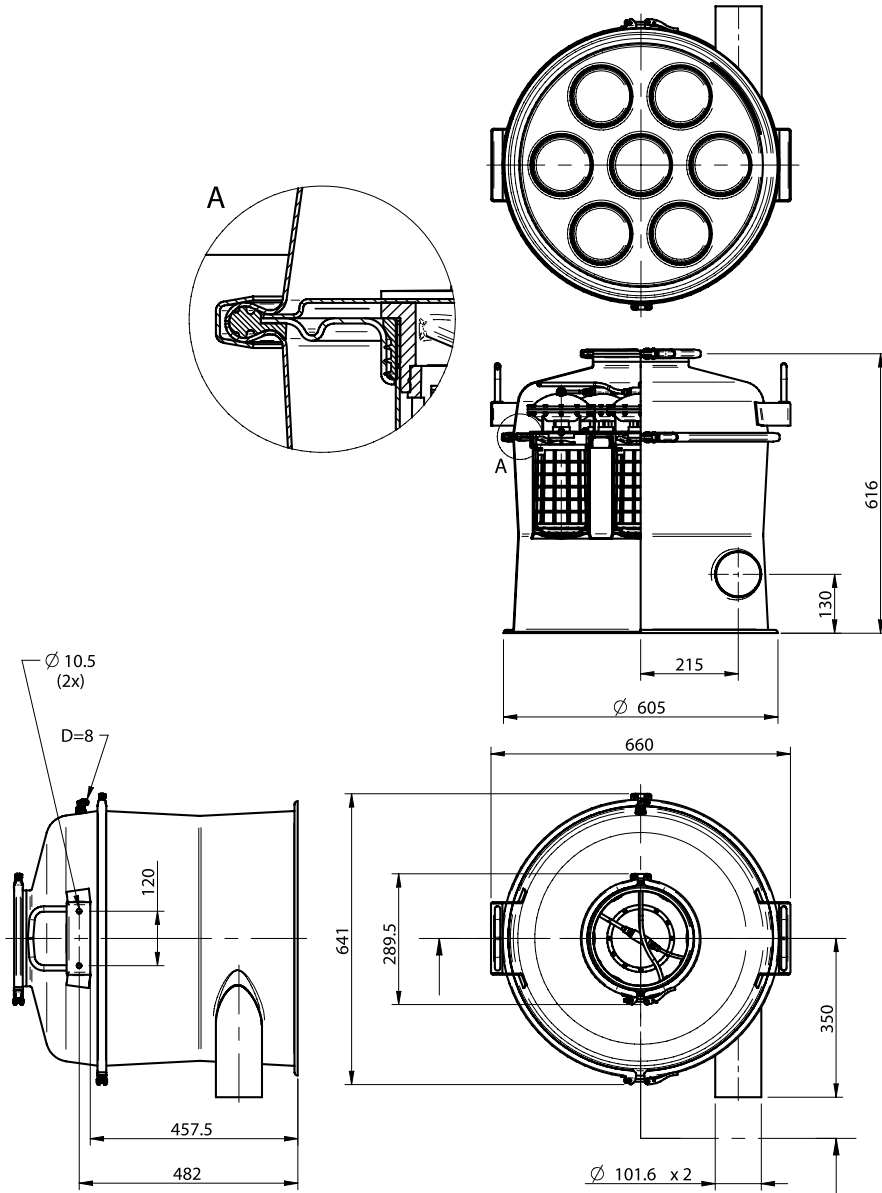
| Description | Unit | Value |
|---------------------|----------------|----------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.60 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106820/1 | 0106820/2 |
| Material | | NBR, C | Q |
| Weight | kg | 34.2 | 34.2 |

ORDERING INFORMATION

| Description | Art. No. |
|---|-----------|
| Filter unit 5602 textile filter int tang, NBR | 0106820/1 |
| Filter unit 5602 textile filter int tang, Q | 0106820/2 |



5602 WITH TEXTILE FILTER, INTERNAL FILTER SHOCK AND 3-A CONNECTION MODULE



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

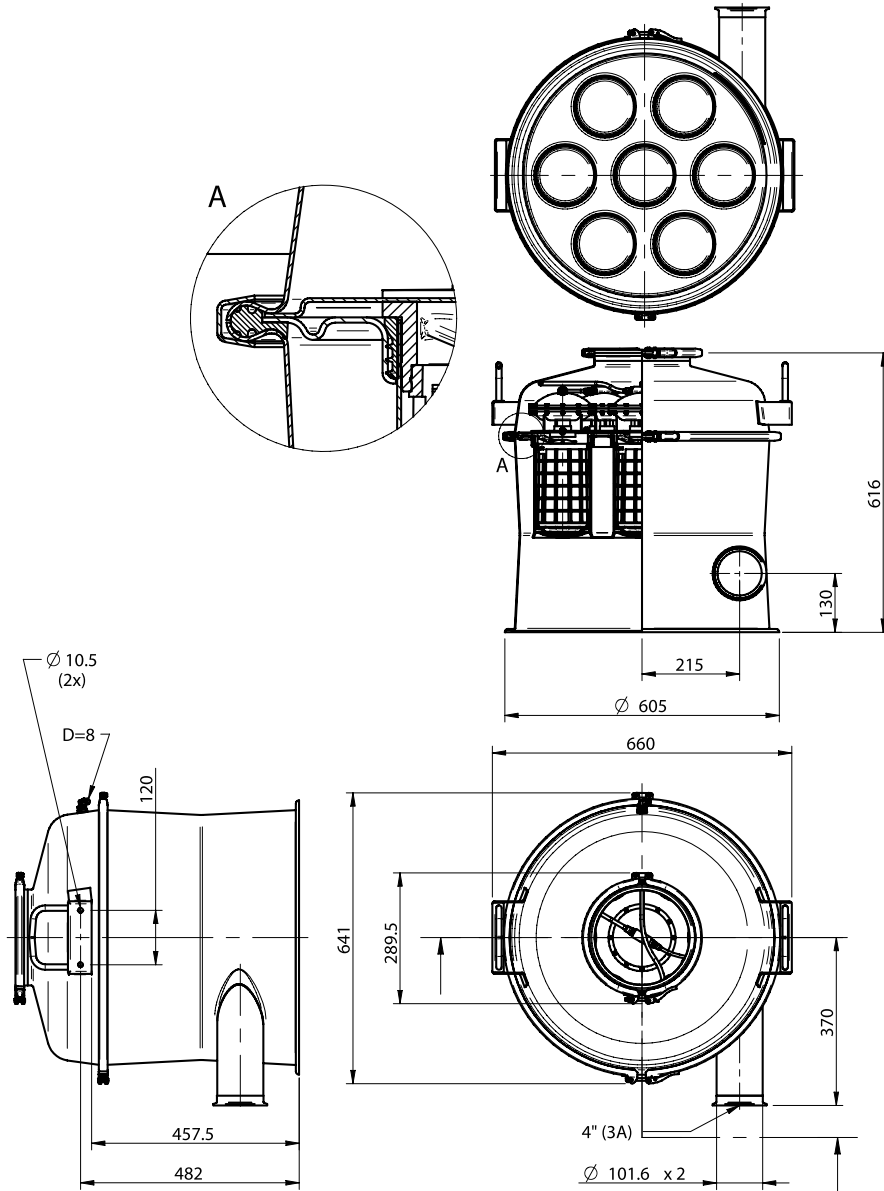
| Description | Unit | Value |
|---------------------|----------------|----------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.60 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106821/1 | 0106821/2 |
| Material | | NBR, C | Q |
| Weight | kg | 34.4 | 34.5 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Filter unit 5602 textile filter int tang 3-A NBR | 0106821/1 |
| Filter unit 5602 textile filter int tang 3-A Q | 0106821/2 |



5604 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

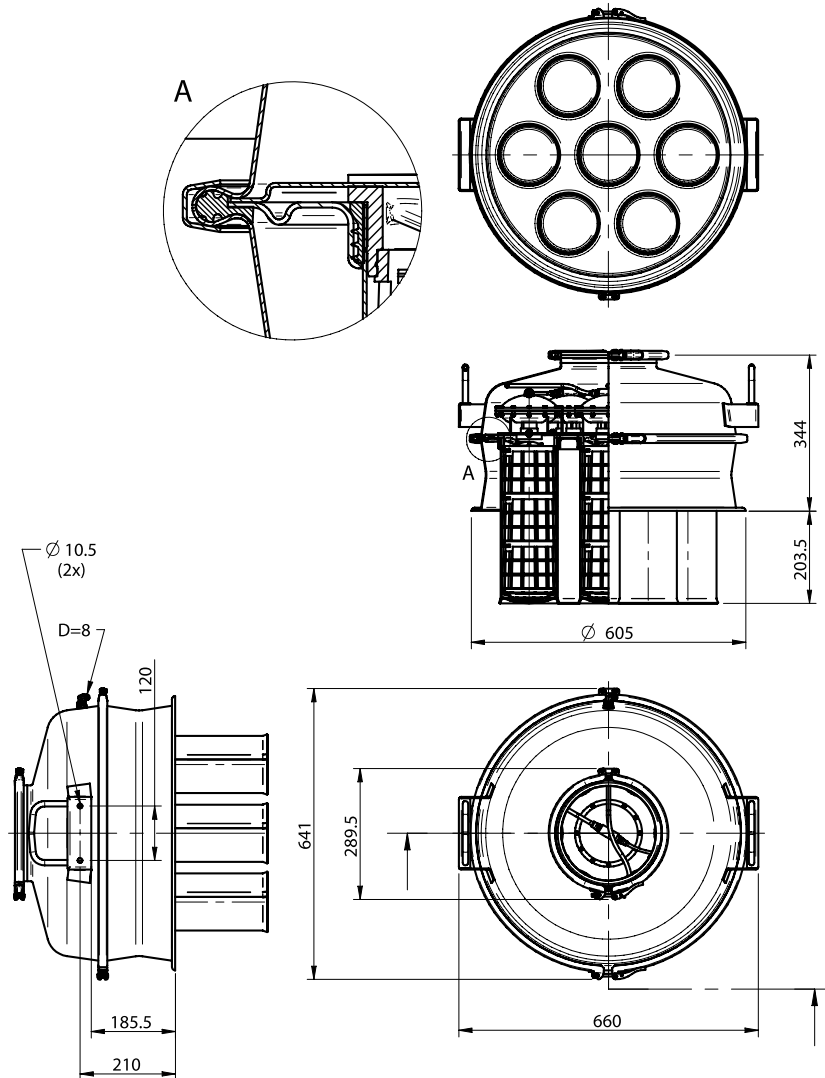
| Description | Unit | Value |
|-------------------|----------------|----------------------|
| Feed pressure | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.98 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106822/1 | 0106822/2 |
| Material | | NBR, C | Q |
| Weight | kg | 29.2 | 29.3 |

ORDERING INFORMATION

| Description | Art. No. |
|---|-----------|
| Filter unit 5604 textile filter int NBR | 0106822/1 |
| Filter unit 5604 textile filter int Q | 0106822/2 |



5606 WITH TEXTILE FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings fulfil the requirements of FDA.
- ▶ The filter bags are of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

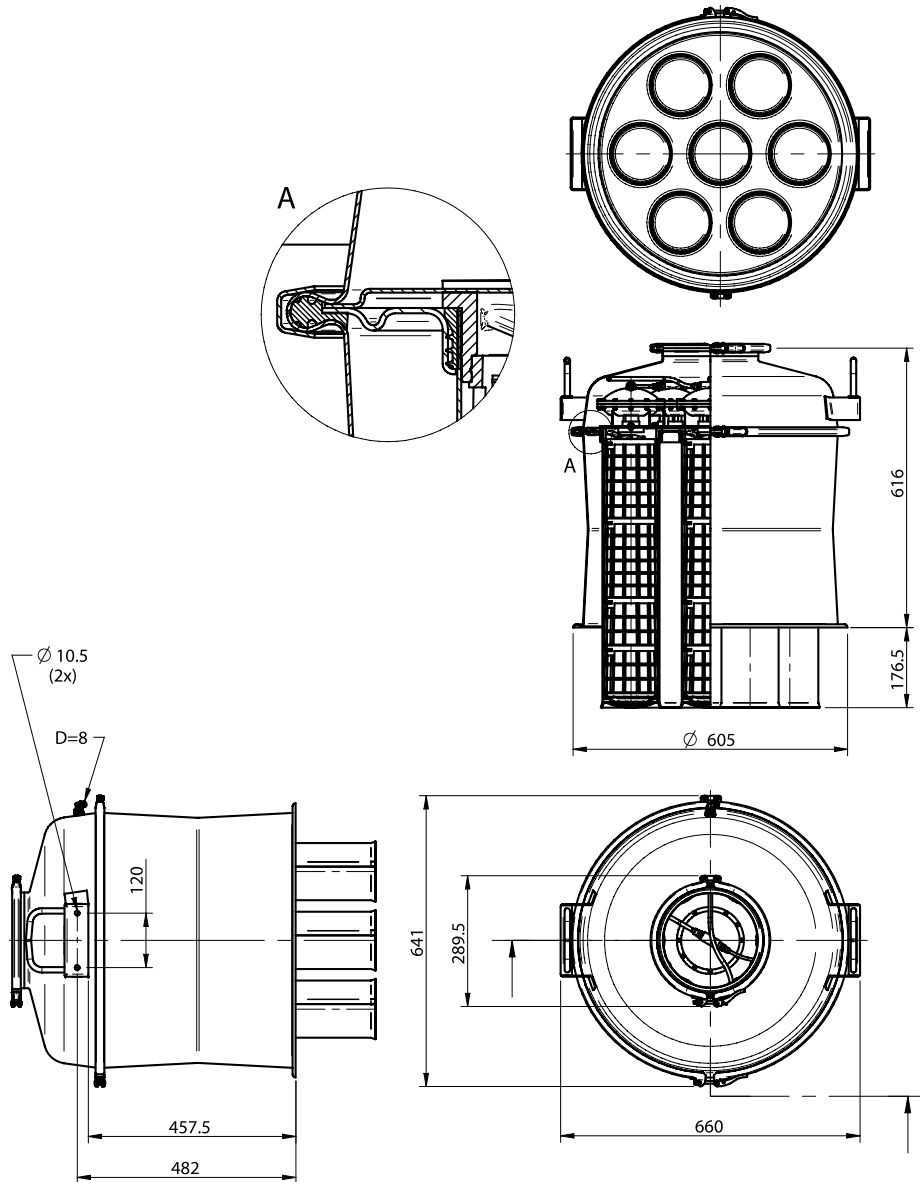
| Description | Unit | Value |
|---------------------|----------------|----------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, Polyester |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 1.64 |
| Min particle size | µm | 5.0 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106823/1 | 0106823/2 |
| Material | | NBR, C | Q |
| Weight | kg | 37.0 | 37.1 |

ORDERING INFORMATION

| Description | Art. No. |
|---|-----------|
| Filter unit 5606 textile filter int NBR | 0106823/1 |
| Filter unit 5606 textile filter int Q | 0106823/2 |



Conveyors C56
FILTER UNITS

5602 WITH GORE SINBRAN FILTER, INTERNAL FILTER SHOCK AND CONNECTION MODULE



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

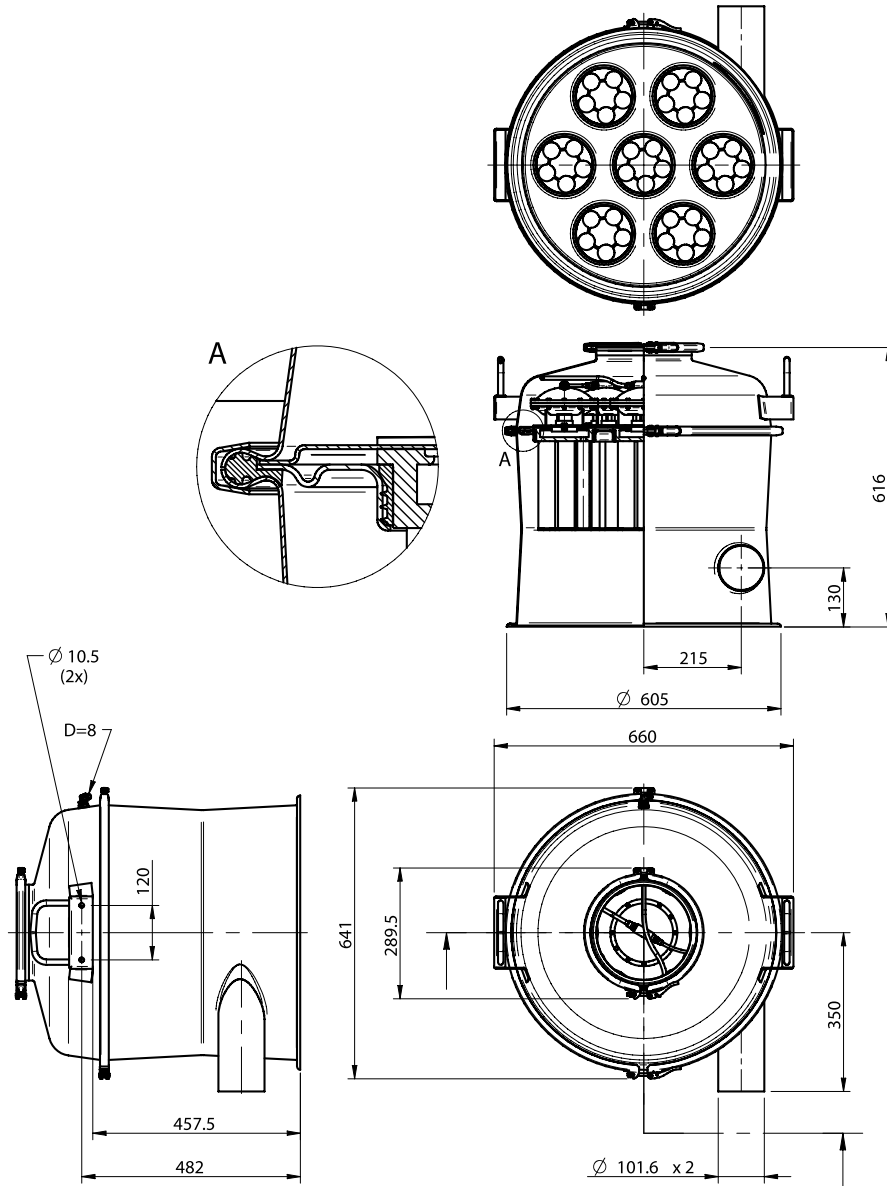
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.77 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106824/1 | 0106824/2 |
| Material | | NBR, C | Q |
| Weight | kg | 34.0 | 34.1 |

ORDERING INFORMATION

| Description | Art. No. |
|---|-----------|
| Filter unit 5602 Gore Sinbran int tang, NBR | 0106824/1 |
| Filter unit 5602 Gore Sinbran int tang, Q | 0106824/2 |



5602 WITH GORE SINBRAN FILTER, INTERNAL FILTER SHOCK AND 3-A CONNECTION MODULE



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

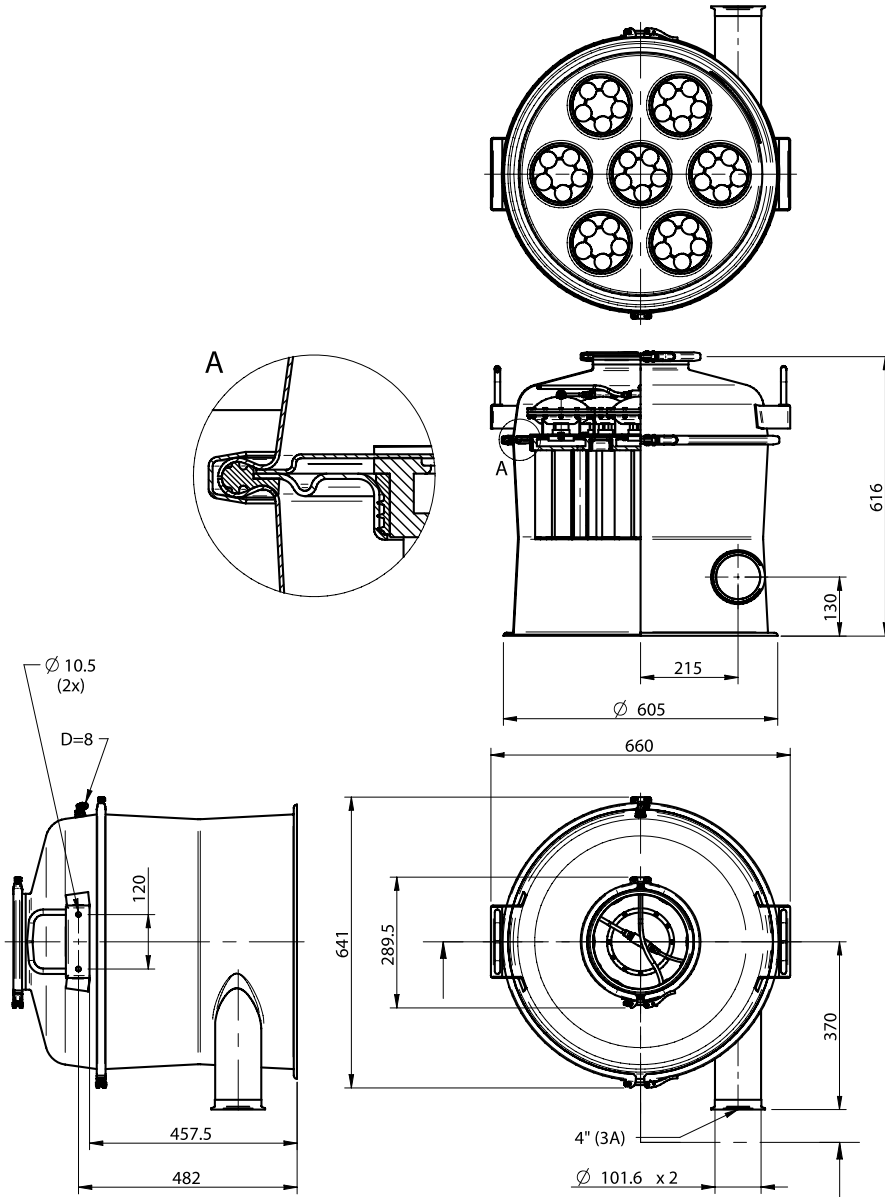
| Description | Unit | Value |
|-------------------|----------------|---------------------|
| Feed pressure | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 0.77 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106825/1 | 0106825/2 |
| Material | | NBR, C | Q |
| Weight | kg | 34.4 | 33.3 |

ORDERING INFORMATION

| Description | Art. No. |
|---|-----------|
| Filter unit 5602 Gore Sinbran int 3-A tang, NBR | 0106825/1 |
| Filter unit 5602 Gore Sinbran int 3-A tang, Q | 0106825/2 |



5604 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

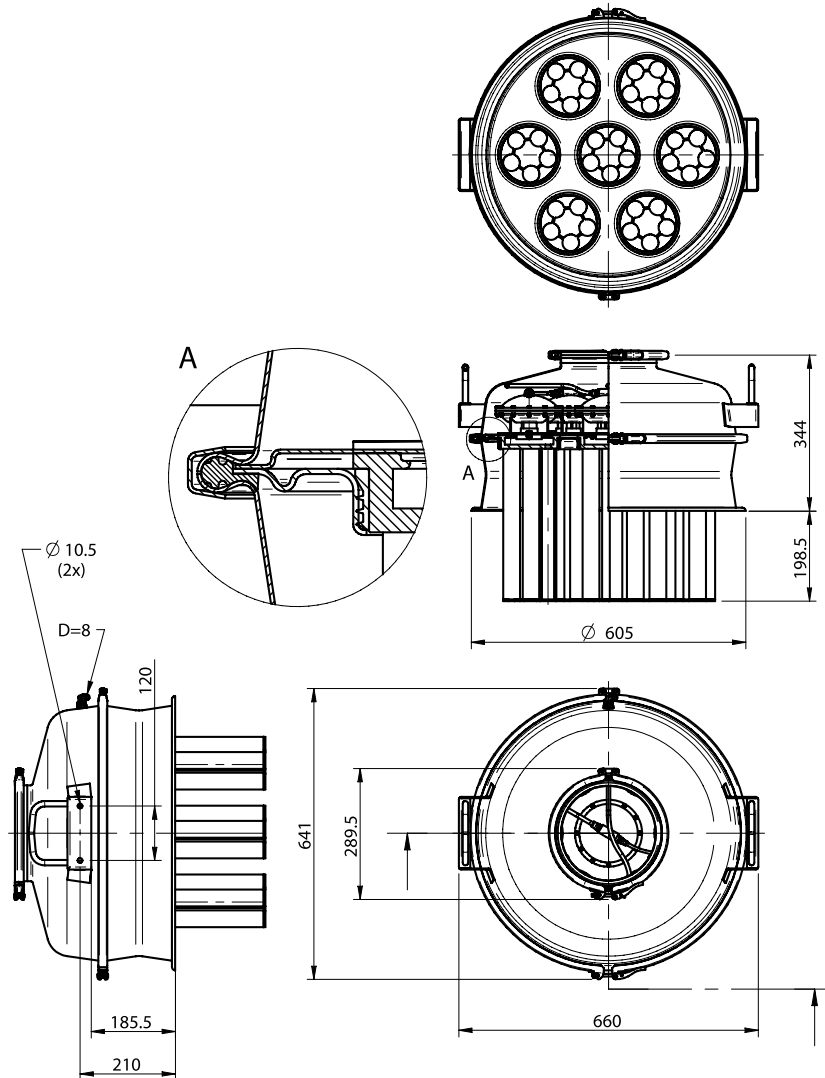
| Description | Unit | Value |
|---------------------|----------------|---------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0–60 |
| Filter area | m ² | 1.33 |
| Min particle size | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106826/1 | 0106826/2 |
| Material | | NBR, C | Q |
| Weight | kg | 27.4 | 27.4 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------------|-----------|
| Filter unit 5604 Gore Sinbran int NBR | 0106826/1 |
| Filter unit 5604 Gore Sinbran int Q | 0106826/2 |



5606 WITH GORE SINBRAN FILTER AND INTERNAL FILTER SHOCK



- ▶ Separates the carrying air from the conveyed product.
- ▶ The sealings and white rod filters fulfil the requirements of FDA.
- ▶ The black rod filters are antistatic and of food quality.
- ▶ Automatic filter cleaning.

TECHNICAL DATA

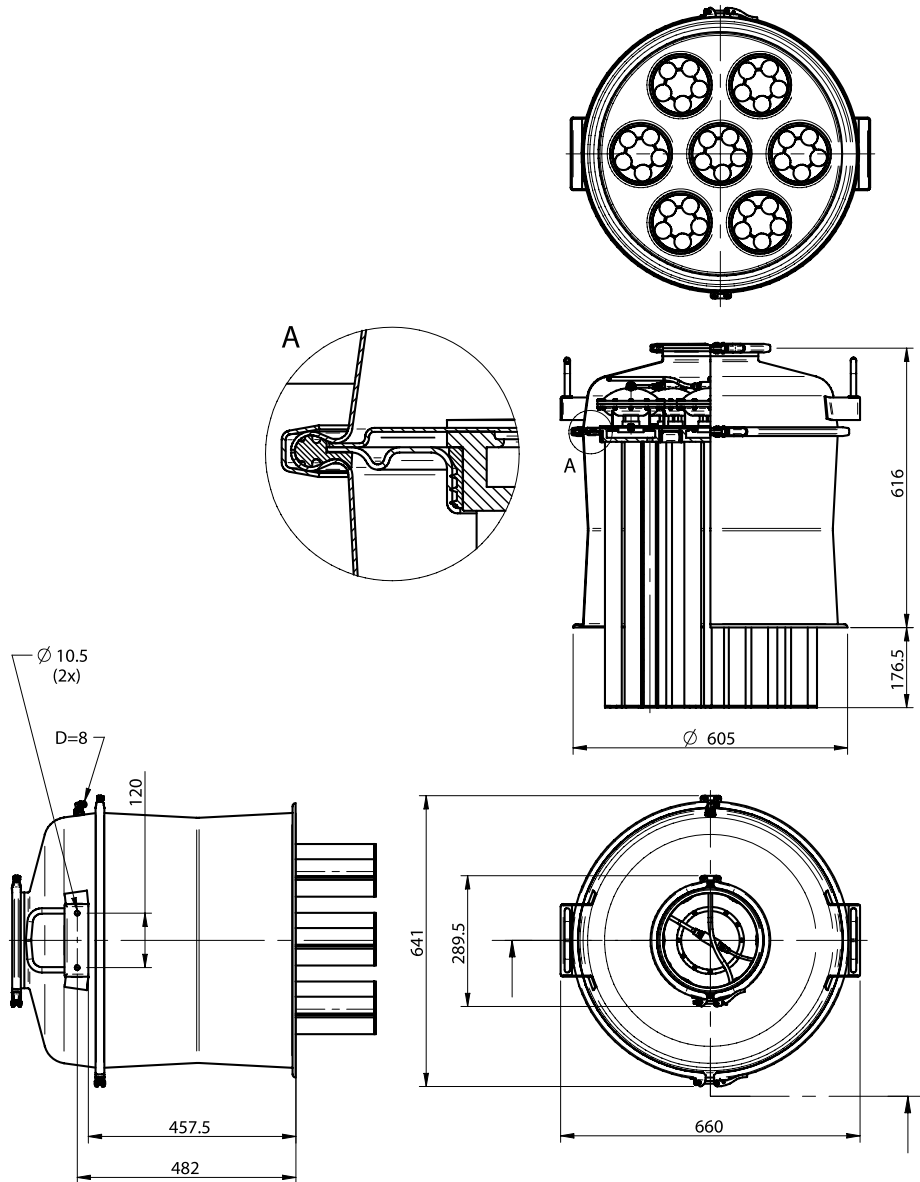
| Description | Unit | Value |
|-------------------|----------------|---------------------|
| Feed pressure | MPa | 0.4-0.6 |
| Material | | ASTM 316L, PTFE, PE |
| Temperature range | °C | 0-60 |
| Filter area | m ² | 2.38 |
| Min particle area | µm | 0.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106827/1 | 0106827/2 |
| Material | | NBR, C | Q |
| Weight | kg | 34.4 | 34.5 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------------|-----------|
| Filter unit 5606 Gore Sinbran int NBR | 0106827/1 |
| Filter unit 5606 Gore Sinbran int Q | 0106827/2 |



Conveyors C56
FILTER UNITS

MAXI L400



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

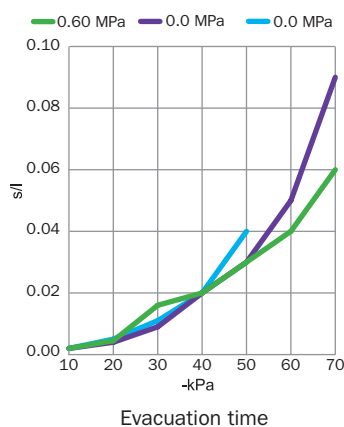
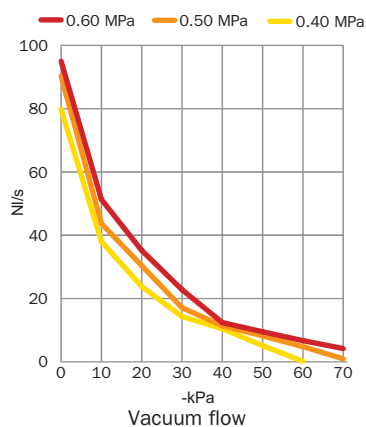
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 20–28 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 7.7 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|-----|------|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 28 | 95.0 | 51.3 | 35.2 | 22.8 | 12.4 | 9.5 | 6.7 | 4.2 | 75 |
| 0.5 | 24 | 90.3 | 43.7 | 30.4 | 17.1 | 11.4 | 8.2 | 4.8 | 0.95 | 71 |
| 0.4 | 20 | 79.8 | 38.0 | 23.8 | 14.3 | 10.5 | 5.1 | 0.19 | – | 61 |

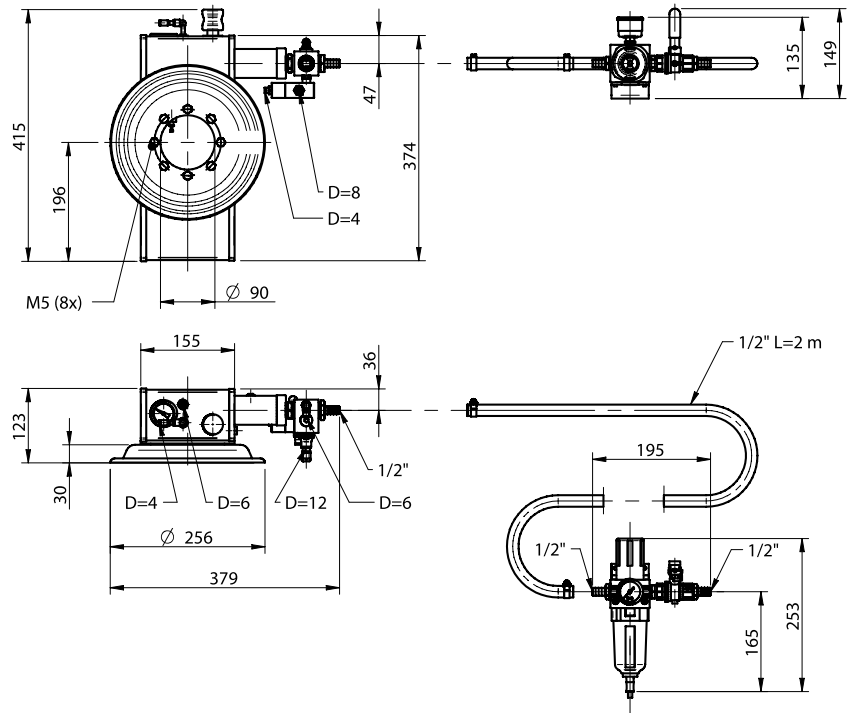
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|--------|-------|------|------|------|------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 28 | 0.002 | 0.0045 | 0.016 | 0.02 | 0.03 | 0.04 | 0.06 | 75 |
| 0.5 | 24 | 0.002 | 0.004 | 0.009 | 0.02 | 0.03 | 0.05 | 0.09 | 71 |
| 0.4 | 20 | 0.002 | 0.005 | 0.011 | 0.02 | 0.04 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L400 | 0103879 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|--------------------------|----------|
| Exhaust adapter L100-400 | 3116017 |
| Adapter Maxi L100-L1600 | 3102073 |

MAXI L600



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

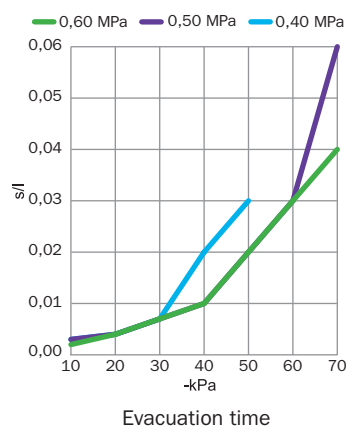
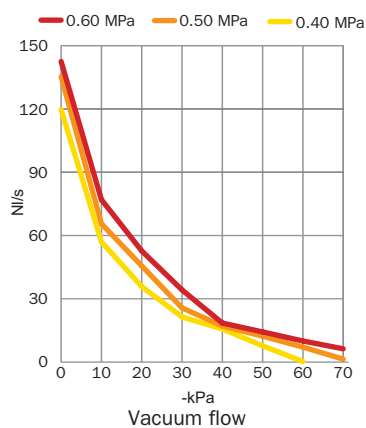
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 30–42 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 13.3 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|------|------|-----|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.6 | 42 | 142.5 | 77.0 | 52.7 | 34.2 | 18.5 | 14.3 | 10.0 | 6.3 | 75 | |
| 0.5 | 36 | 135.4 | 65.6 | 45.6 | 25.7 | 17.1 | 12.3 | 7.1 | 1.4 | 71 | |
| 0.4 | 30 | 119.7 | 57.0 | 35.8 | 21.4 | 15.7 | 7.7 | 0.3 | – | 61 | |

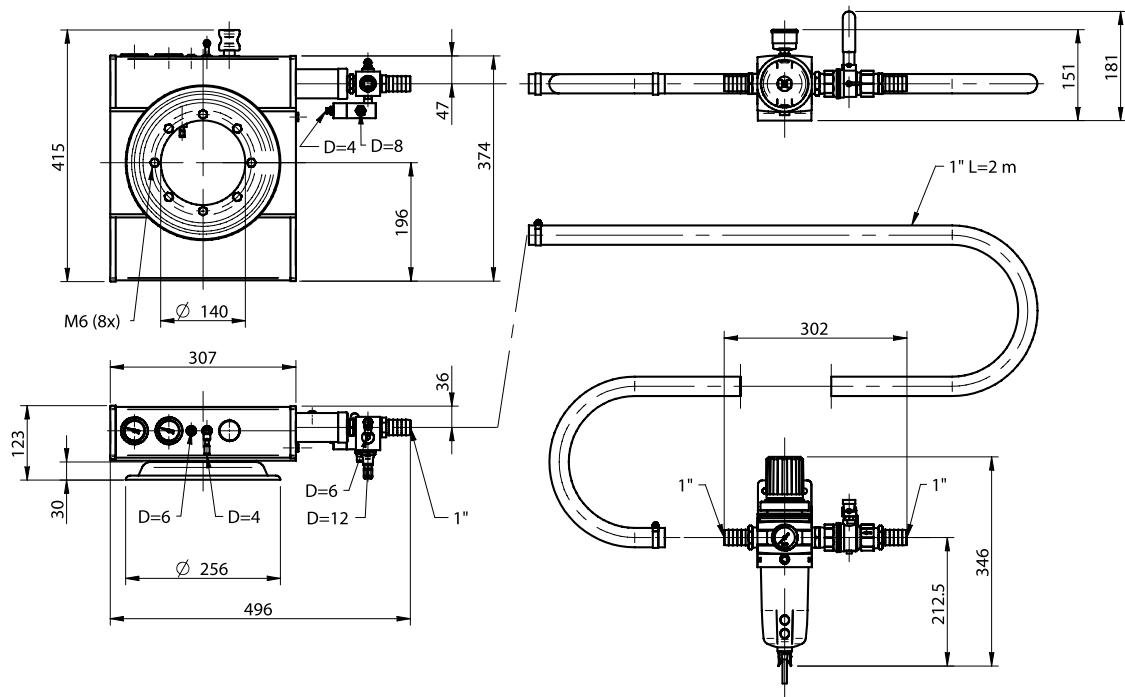
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|-------|-------|-------|------|------|------|------|--------------------|
| | | s/l | | | | | | | |
| 0.6 | 42 | 0.002 | 0.004 | 0.007 | 0.01 | 0.02 | 0.03 | 0.04 | 75 |
| 0.5 | 36 | 0.003 | 0.004 | 0.007 | 0.01 | 0.02 | 0.03 | 0.06 | 71 |
| 0.4 | 30 | 0.003 | 0.004 | 0.007 | 0.02 | 0.03 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Pump unit Maxi L600 | 0103880 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|----------------------------|----------|
| Exhaust adapters L600-L800 | 3116018 |
| Adapter Maxi L100-L1600 | 3102073 |

MAXI L800



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

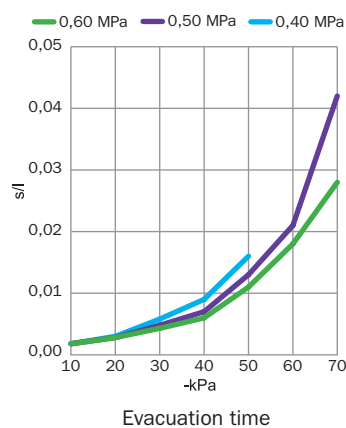
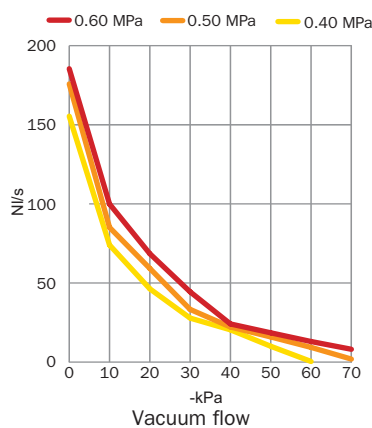
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 40–56 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 13.3 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|------|------|------|------|------|------|-----|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.6 | 56 | 185.4 | 99.9 | 68.5 | 44.4 | 24.1 | 18.5 | 13.0 | 8.1 | 75 | |
| 0.5 | 48 | 175.8 | 85.1 | 59.2 | 33.3 | 22.2 | 15.9 | 9.3 | 1.9 | 71 | |
| 0.4 | 40 | 155.4 | 74.0 | 46.3 | 27.8 | 20.4 | 10.0 | 0.4 | – | 61 | |

EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|--------|--------|--------|-------|-------|-------|-------|--------------------|
| | | s/l | | | | | | | |
| 0.6 | 56 | 0.0018 | 0.0028 | 0.0043 | 0.006 | 0.011 | 0.018 | 0.028 | 75 |
| 0.5 | 48 | 0.0018 | 0.0028 | 0.0048 | 0.007 | 0.013 | 0.021 | 0.042 | 71 |
| 0.4 | 40 | 0.018 | 0.003 | 0.0058 | 0.009 | 0.016 | – | – | 61 |



MAXI L1200



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

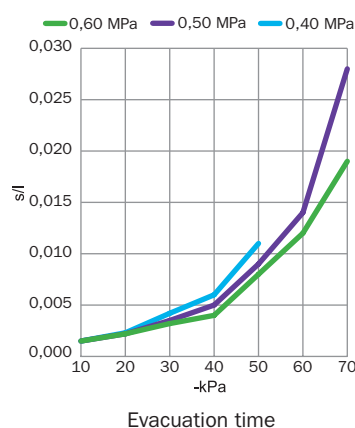
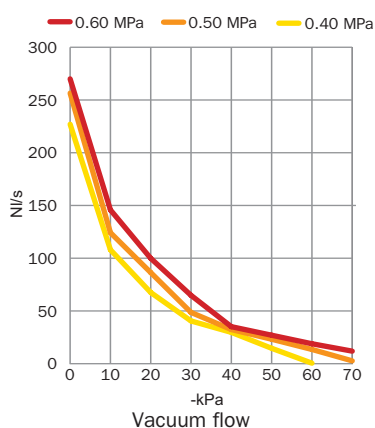
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 60–84 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 15.0 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|-------|------|------|------|------|------|------|----|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | | |
| 0.6 | 84 | 270.0 | 145.8 | 99.9 | 64.8 | 35.1 | 27.0 | 18.9 | 11.9 | 75 | |
| 0.5 | 72 | 256.5 | 124.2 | 86.4 | 48.6 | 32.4 | 23.2 | 13.5 | 2.7 | 71 | |
| 0.4 | 60 | 227 | 108 | 67.5 | 40.5 | 29.7 | 14.6 | 0.5 | – | 61 | |

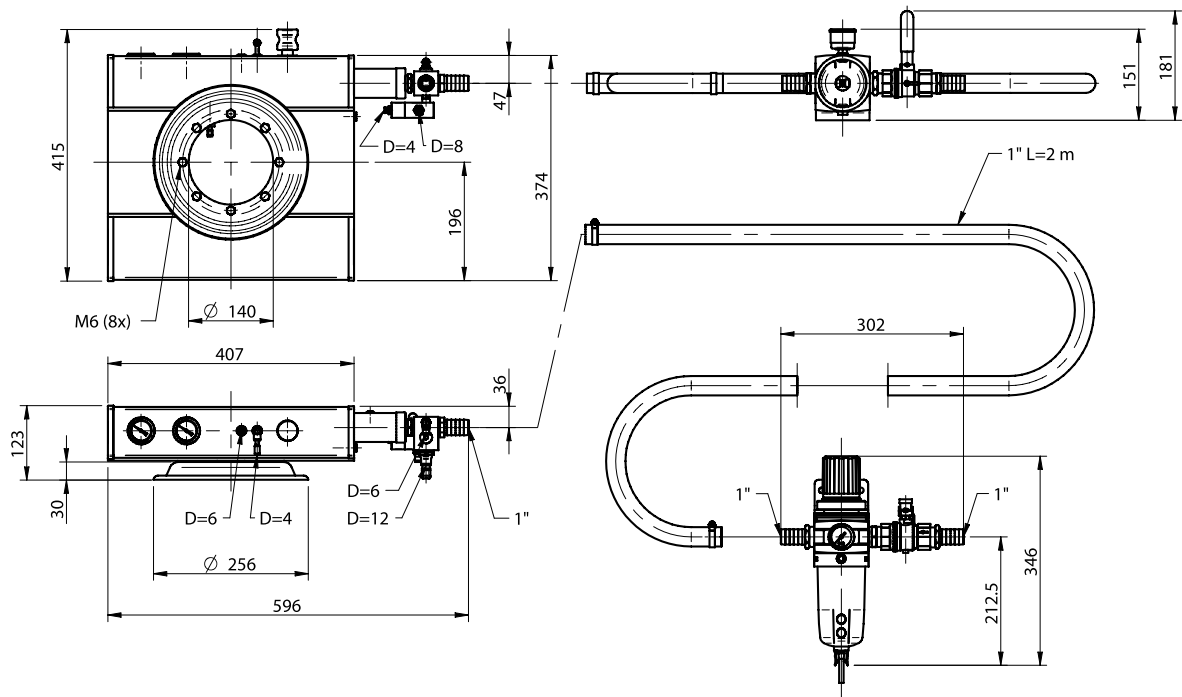
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|--------|--------|-------|-------|-------|-------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 84 | 0.0015 | 0.0022 | 0.0032 | 0.004 | 0.008 | 0.012 | 0.019 | 75 |
| 0.5 | 72 | 0.0015 | 0.0022 | 0.0035 | 0.005 | 0.009 | 0.014 | 0.028 | 71 |
| 0.4 | 60 | 0.0015 | 0.0023 | 0.0042 | 0.006 | 0.011 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|----------------------|----------|
| Pump unit Maxi L1200 | 0103882 |



ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|-----------------------------|----------|
| Central exhaust MLL1200 | 3116054 |
| Adapter MAXI L100-L1600 cpl | 3102073 |

Conveyors C56
PUMP UNITS

MAXI L1600



- ▶ Power source of the vacuum conveyor.
- ▶ High vacuum flow.
- ▶ Short response time.
- ▶ Compact size and low weight in comparison to conventional mechanical pumps.
- ▶ Regulator kit is included.

TECHNICAL DATA

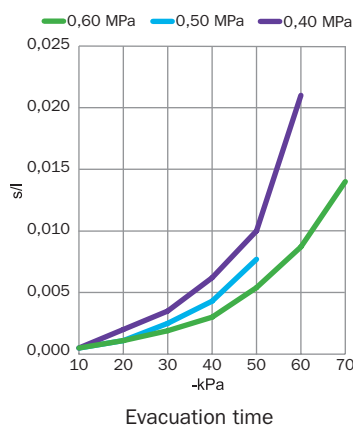
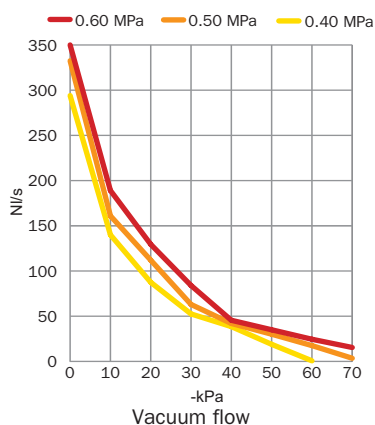
| Description | Unit | Value |
|-----------------------|------|------------------|
| Feed pressure range | MPa | 0.4–0.6 |
| Air consumption range | NI/s | 80–112 |
| Vacuum range | -kPa | 61–75 |
| Noise level range | dBA | 72–76 |
| Material | | Al, PPS, SS, NBR |
| Temperature range | °C | 0–60 |
| Weight | kg | 19.5 |

VACUUM FLOW

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum -kPa |
|----------------------|-------------------------|--|-------|-------|------|------|------|------|------|--------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0.6 | 112 | 350.0 | 189.0 | 129.5 | 84.0 | 45.5 | 35.0 | 24.5 | 15.4 | 75 |
| 0.5 | 96 | 332.5 | 161.0 | 112.0 | 63.0 | 42.0 | 30.1 | 17.5 | 3.5 | 71 |
| 0.4 | 80 | 294 | 140 | 87.5 | 52.5 | 38.5 | 18.9 | 0.7 | – | 61 |

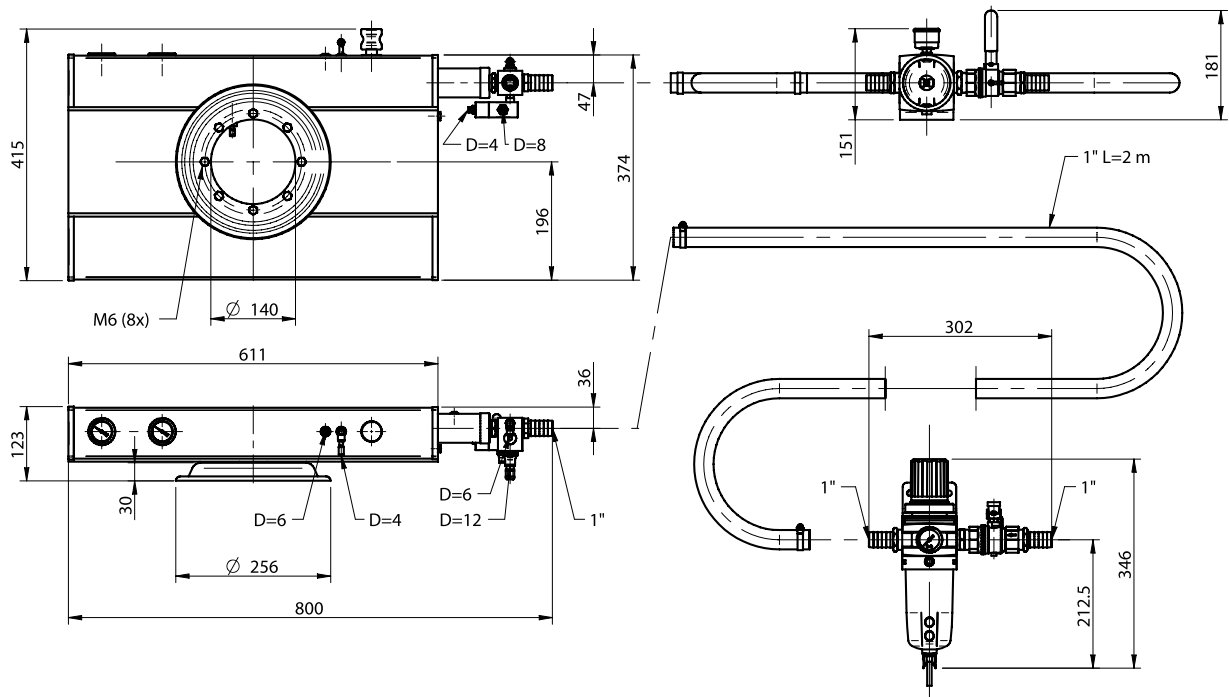
EVACUATION TIME

| Feed pressure MPa | Air consumption NI/s | 10 | 20 | 30 | 40 | 50 | 60 | 70 | Max vacuum -kPa |
|----------------------|-------------------------|---------------------|--------|--------|--------|--------|--------|-------|--------------------|
| | | Evacuation time (s) | | | | | | | |
| 0.6 | 112 | 0.0005 | 0.0011 | 0.0019 | 0.003 | 0.0054 | 0.0087 | 0.014 | 75 |
| 0.5 | 96 | 0.0098 | 0.0020 | 0.0035 | 0.0062 | 0.010 | 0.021 | – | 71 |
| 0.4 | 80 | 0.0005 | 0.0011 | 0.0025 | 0.0043 | 0.0077 | – | – | 61 |



ORDERING INFORMATION

| Description | Art. No. |
|----------------------|----------|
| Pump unit Maxi L1600 | 0103883 |



Conveyors C56
PUMP UNITS

ORDERING INFORMATION ACCESSORIES

| Description | Art. No. |
|-------------------------|----------|
| Exhaust adapters L1600 | 3116019 |
| Adapter Maxi L100-L1600 | 3102073 |

56/43, D=102 TANGENTIAL CONNECTION



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Standard connection.

TECHNICAL DATA

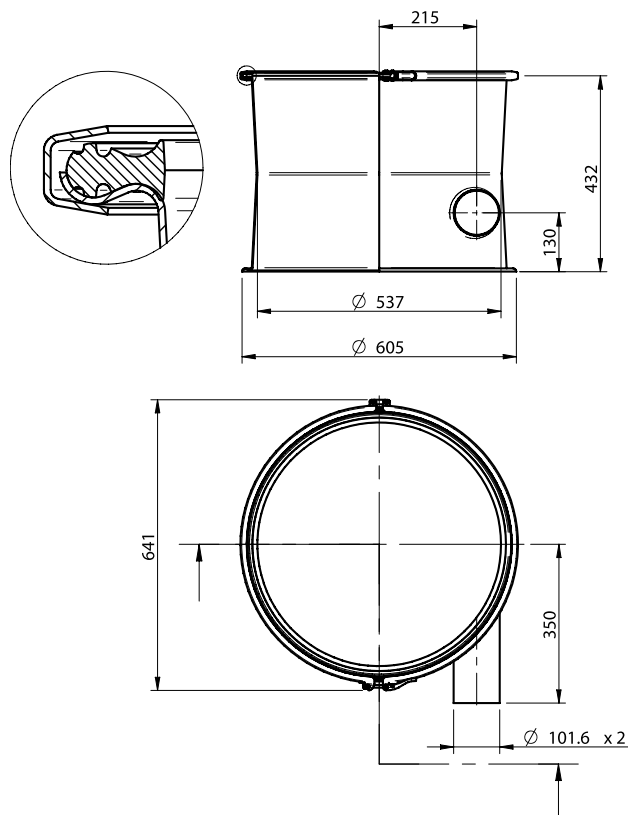
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 26.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106239/1 | 0106239/2 |
| Material | | NBR | Q |
| Weight | kg | 12.5 | 12.5 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------------|-----------|
| Connection unit 56/43 D=102 tang, NBR | 0106239/1 |
| Connection unit 56/43 D=102 tang, Q | 0106239/2 |



56/43, D=102 TANGENTIAL CONNECTION 3-A



- ▶ Connects the conveyor to the pipe system.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ 3-A connection.

TECHNICAL DATA

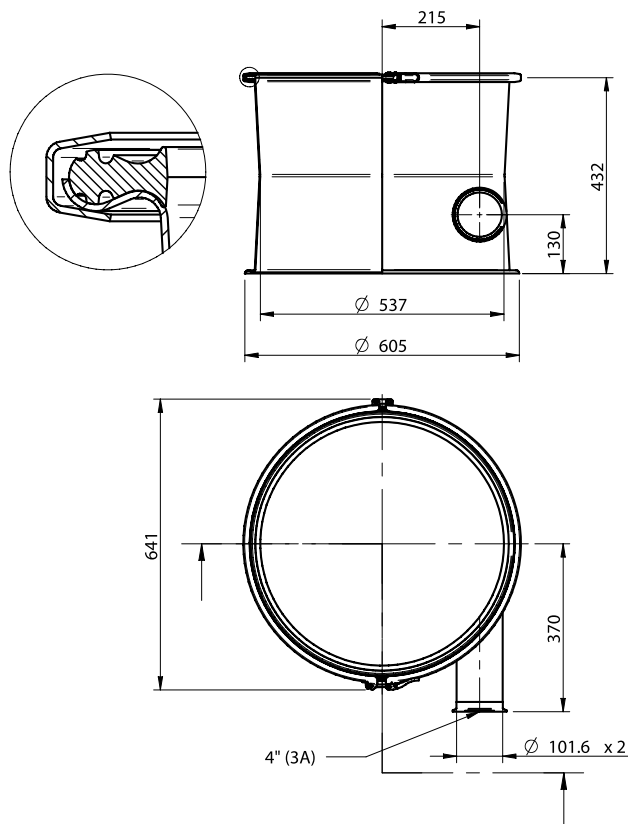
| Description | Unit | Value |
|---|------|-----------|
| Material | | ASTM 316L |
| Material batch volume below connection pipe | l | 26.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106240/1 | 0106240/2 |
| Material | | NBR | Q |
| Weight | kg | 12.7 | 12.7 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Connection unit 56/43 D=102 tang 3-A NBR | 0106240/1 |
| Connection unit 56/43 D=102 tang 3-A, Q | 0106240/2 |



56/57 WITH ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in stainless steel.

TECHNICAL DATA

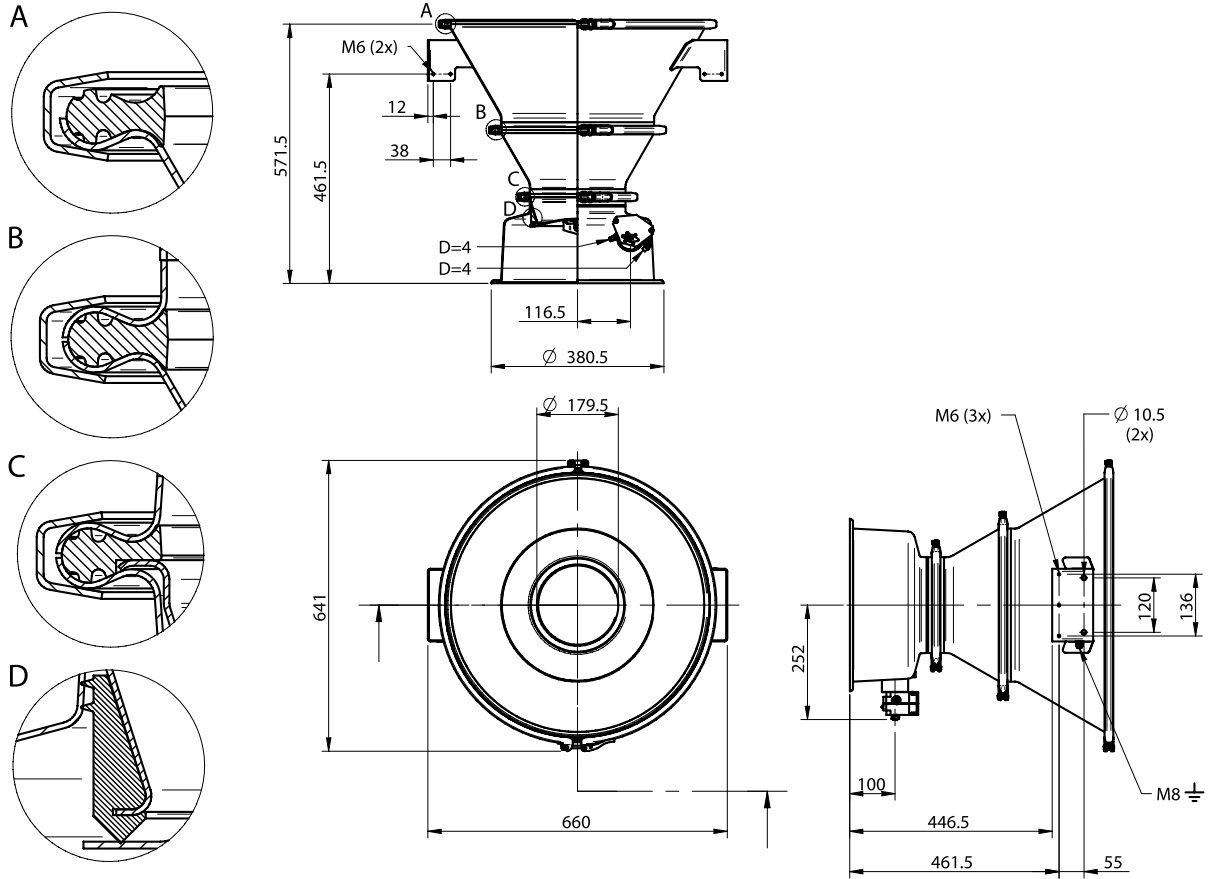
| Description | Unit | Value |
|-----------------------|------|-----------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | ASTM 316L |
| Temperature range | °C | 0–60 |
| Material batch volume | l | 45.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106816/1 | 0106816/2 |
| Material | | NBR | Q |
| Weight | kg | 17.5 | 17.5 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------|-----------|
| Bottom valve unit 56/57 SS, NBR | 0106816/1 |
| Bottom valve unit 56/57 SS Q | 0106816/2 |



56/57 WITH ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA.
- ▶ Fitted with actuator in epoxy-coated aluminium.

TECHNICAL DATA

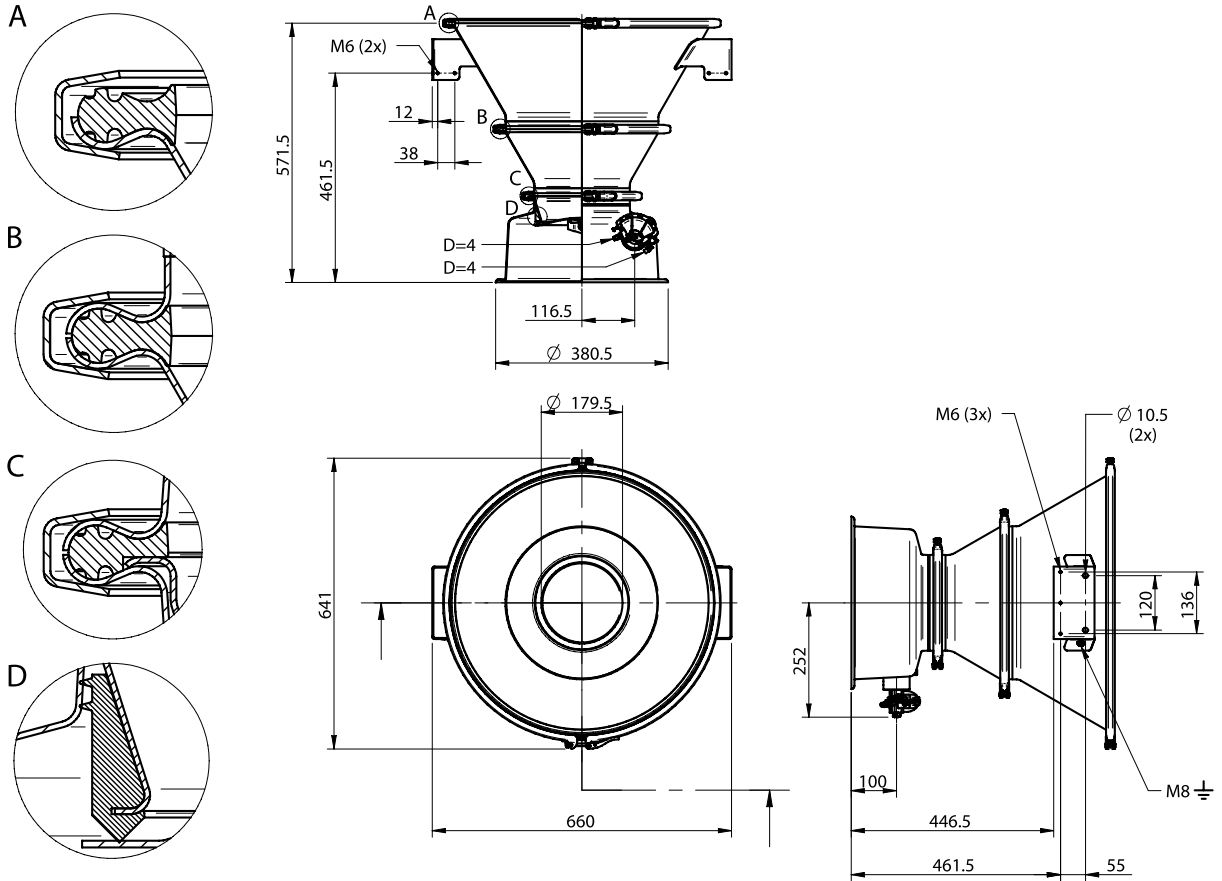
| Description | Unit | Value |
|-----------------------|------|-------------------|
| Feed pressure range | MPa | 0.4-0.6 |
| Material | | ASTM 316L, Zn, EP |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 45.5 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106818/1 | 0106818/2 |
| Material | | NBR | Q |
| Weight | kg | 16.5 | 16.5 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------------------|-----------|
| Bottom valve unit 56/57 Al, NBR | 0106818/1 |
| Bottom valve unit 56/57 Al, Q | 0106818/2 |



Conveyors C56
BOTTOM VALVE UNITS

56/57 WITH FLUIDISATION AND ACTUATOR IN STAINLESS STEEL



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in stainless steel.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

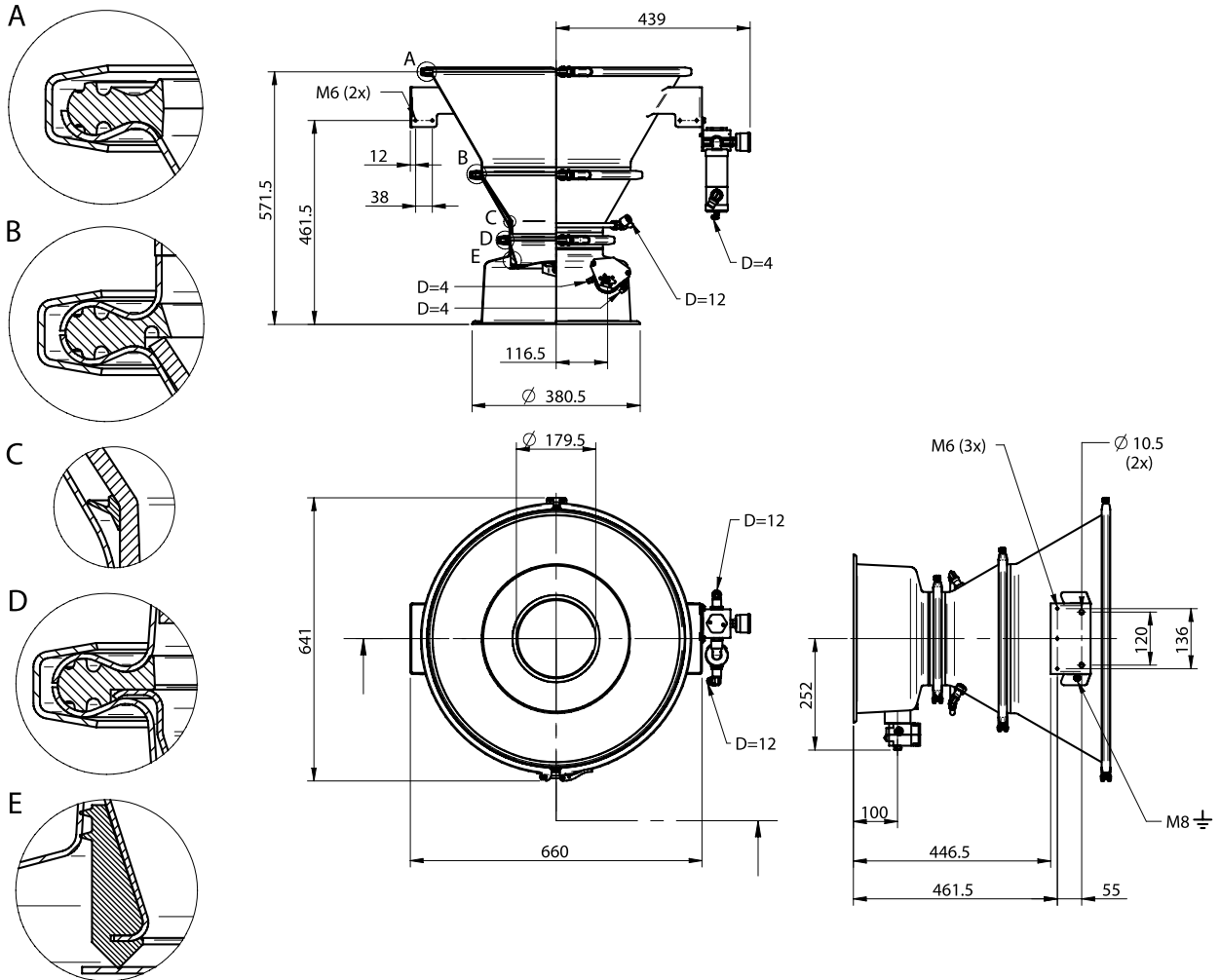
| Description | Unit | Value |
|---------------------------------|------|---------------|
| Feed pressure, max | MPa | 0.7 |
| Feed pressure, min fluidisation | MPa | 0.05 |
| Feed pressure, max fluidisation | MPa | 0.15 |
| Air consumption | NI/s | 6.0 |
| Air consumption | NI/s | 12.0 |
| Material | | ASTM 316L, PE |
| Temperature range | °C | 0-60 |
| Material batch volume | l | 44.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106817/1 | 0106817/2 |
| Material | | NBR, C | Q |
| Weight | kg | 19.6 | 19.6 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Bottom valve unit 56/57 SS, fluid, NBR | 0106817/1 |
| Bottom valve unit 56/57 SS fluid Q | 0106817/2 |



Conveyors C56
BOTTOM VALVE UNITS

56/57 WITH FLUIDISATION AND ACTUATOR IN ALUMINIUM



- ▶ Unloads the conveyed product.
- ▶ Hygienic design.
- ▶ Fulfils the requirements of FDA (with white fluidisation cone).
- ▶ Fitted with actuator in epoxy-coated aluminium.
- ▶ Available with white or antistatic (black) fluidisation cone.
- ▶ Fluidisation regulator is included.

TECHNICAL DATA

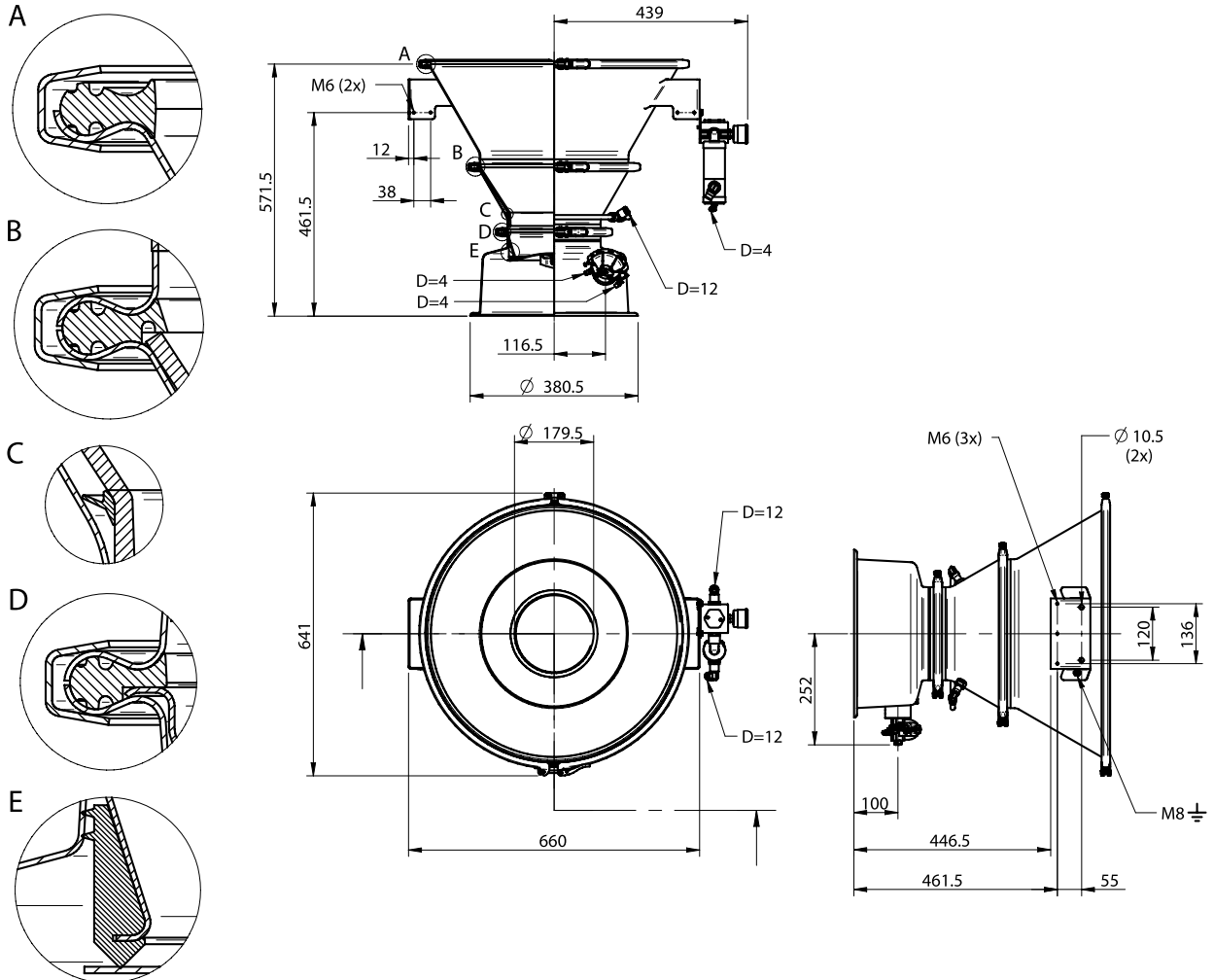
| Description | Unit | Value |
|---------------------------------|------|-----------------------|
| Feed pressure, max | MPa | 0.7 |
| Feed pressure, min fluidisation | MPa | 0.05 |
| Feed pressure, max fluidisation | MPa | 0.15 |
| Air consumption | NI/s | 6.0 |
| Air consumption | NI/s | 12.0 |
| Material | | ASTM 316L, Zn, EP, PE |
| Temperature range | °C | 0–60 |
| Material batch volume | l | 44.7 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|-----------|-----------|
| | | 0106819/1 | 0106819/2 |
| Material | | NBR, C | Q |
| Weight | kg | 18.6 | 18.6 |

ORDERING INFORMATION

| Description | Art. No. |
|--|-----------|
| Bottom valve unit 56/57 Al, fluid, NBR | 0106819/1 |
| Bottom valve unit 56/57 Al, fluid, Q | 0106819/2 |



CONTROL UNIT CU-1A/B, CU-2A/B



- ▶ 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.
- ▶ Separate order for the tubing kit.
- ▶ Function of CU-1/2A: the bottom valve is open when the conveyor is shut off.
- ▶ Function of the CU-1/2B: the bottom valve is close when the conveyor is shut off.

TECHNICAL DATA

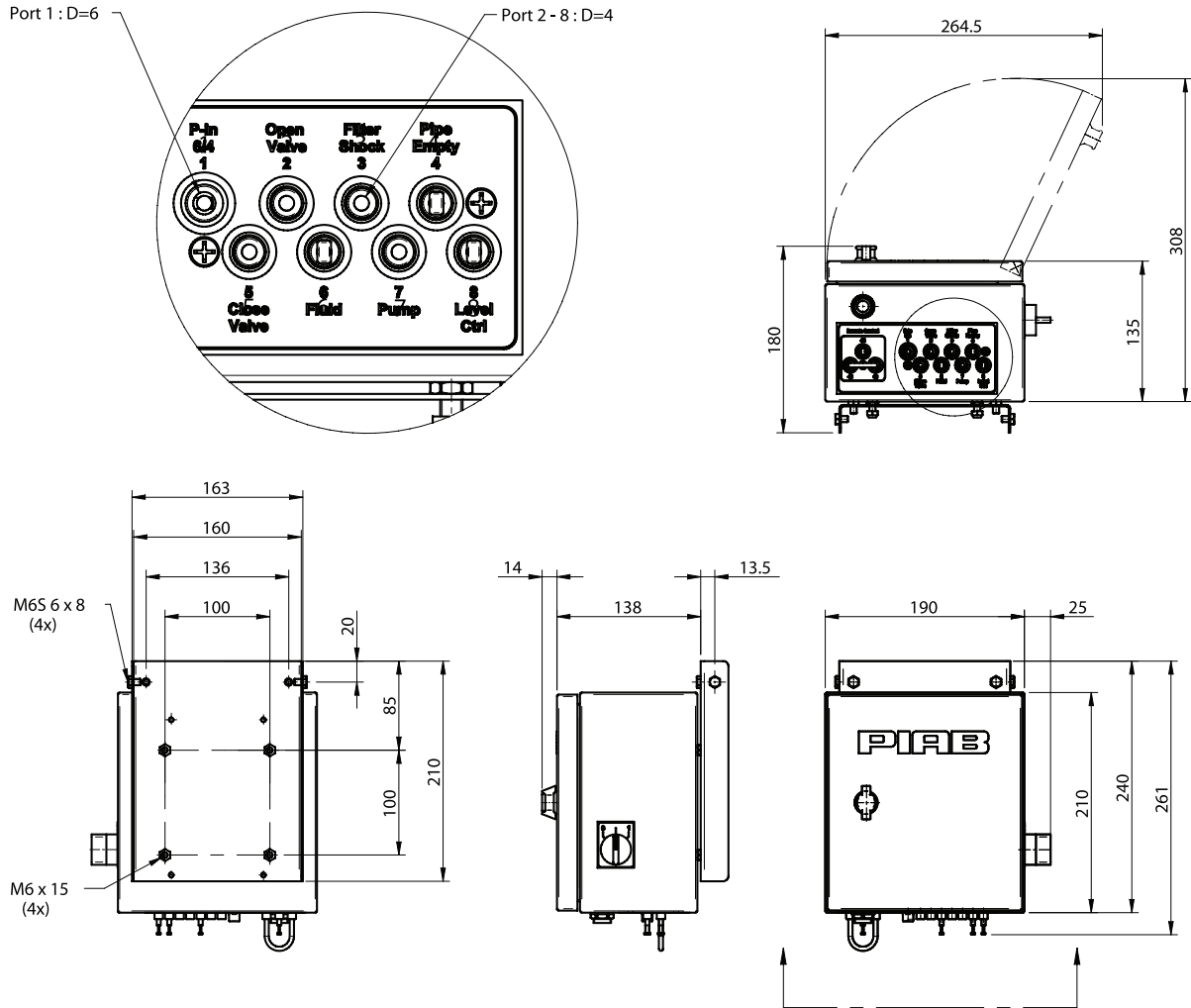
| Description | Unit | Value |
|-----------------------|------|-----------|
| Feed pressure | MPa | 0.4-0.6 |
| Material | | ASTM 316L |
| Temperature range | °C | 0-50 |
| Safety classification | | IP54 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | | | |
|-------------|------|---------|---------|---------|---------|
| | | 0103918 | 0103919 | 0103920 | 0103921 |
| Weight | kg | 4.30 | 4.30 | 4.43 | 4.43 |

ORDERING INFORMATION

| Description | Art. No. |
|----------------------------|----------|
| Control unit CU-1A bracket | 0103918 |
| Control unit CU-1B bracket | 0103919 |
| Control unit CU-2A bracket | 0103920 |
| Control unit CU-2B bracket | 0103921 |



Conveyors C
CONTROL UNITS

ORDERING INFORMATION, ACCESSORIES

| Description | Art. No. |
|---------------------------------------|----------|
| Nylon tubing kit, Standard, CU-C21 | 0106978 |
| Nylon tubing kit, Fluid, CU-C21 | 0106879 |
| Nylon tubing kit, Standard, CU-C33 | 0103929 |
| Nylon tubing kit, Fluid, CU-C33 | 0103930 |
| Nylon tubing kit, Standard, CU-C56 | 0106981 |
| Nylon tubing kit, Fluid, CU-C56 | 0106982 |
| Remote control | 0103924 |
| Mounting clamp to control unit CU-1/2 | 0104487 |

CONTROL UNIT PPT/R



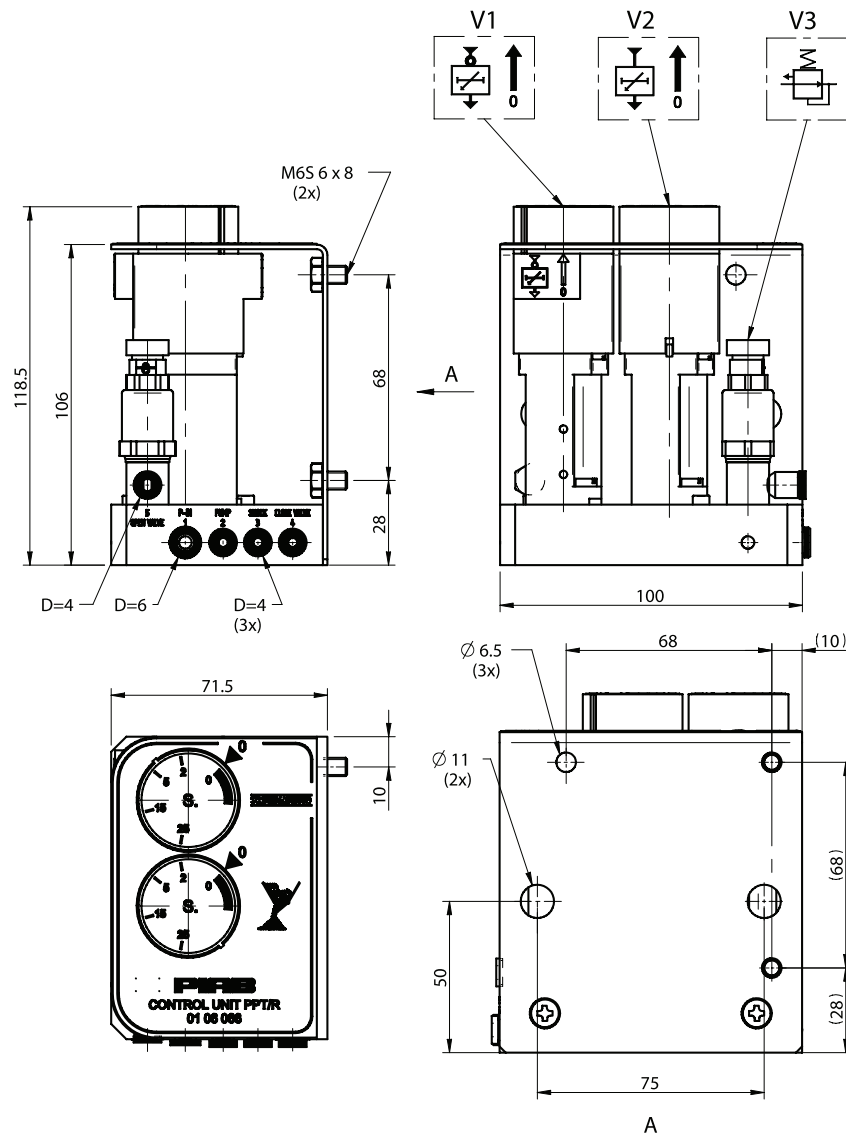
- ▶ Controls the functions of the conveyor, start/stop function is not included.
- ▶ Fully pneumatic.
- ▶ The maximum recommended distance between the conveyor and control unit is 10 metres when feed pressure is 0.6 MPa.
- ▶ Separate order for the tubing kit.

TECHNICAL DATA

| Description | Unit | Value |
|-------------------|------|---------|
| Feed pressure | MPa | 0.4–0.6 |
| Material | | Al, PA |
| Temperature range | °C | 0-50 |
| Weight | kg | 0.86 |

ORDERING INFORMATION

| Description | Art. No. |
|--------------------|----------|
| Control unit PPT/R | 0106066 |



Conveyors C
CONTROL UNITS

ORDERING INFORMATION, ACCESSORIES

| Description | Art. No. |
|-----------------------------|----------|
| Nylon tubing kit, PPT/R C21 | 0106980 |
| Nylon tubing kit, PPT/R C33 | 0103931 |
| Nylon tubing kit, PPT/R C56 | 0106983 |

CONTROL UNIT PPT/RS



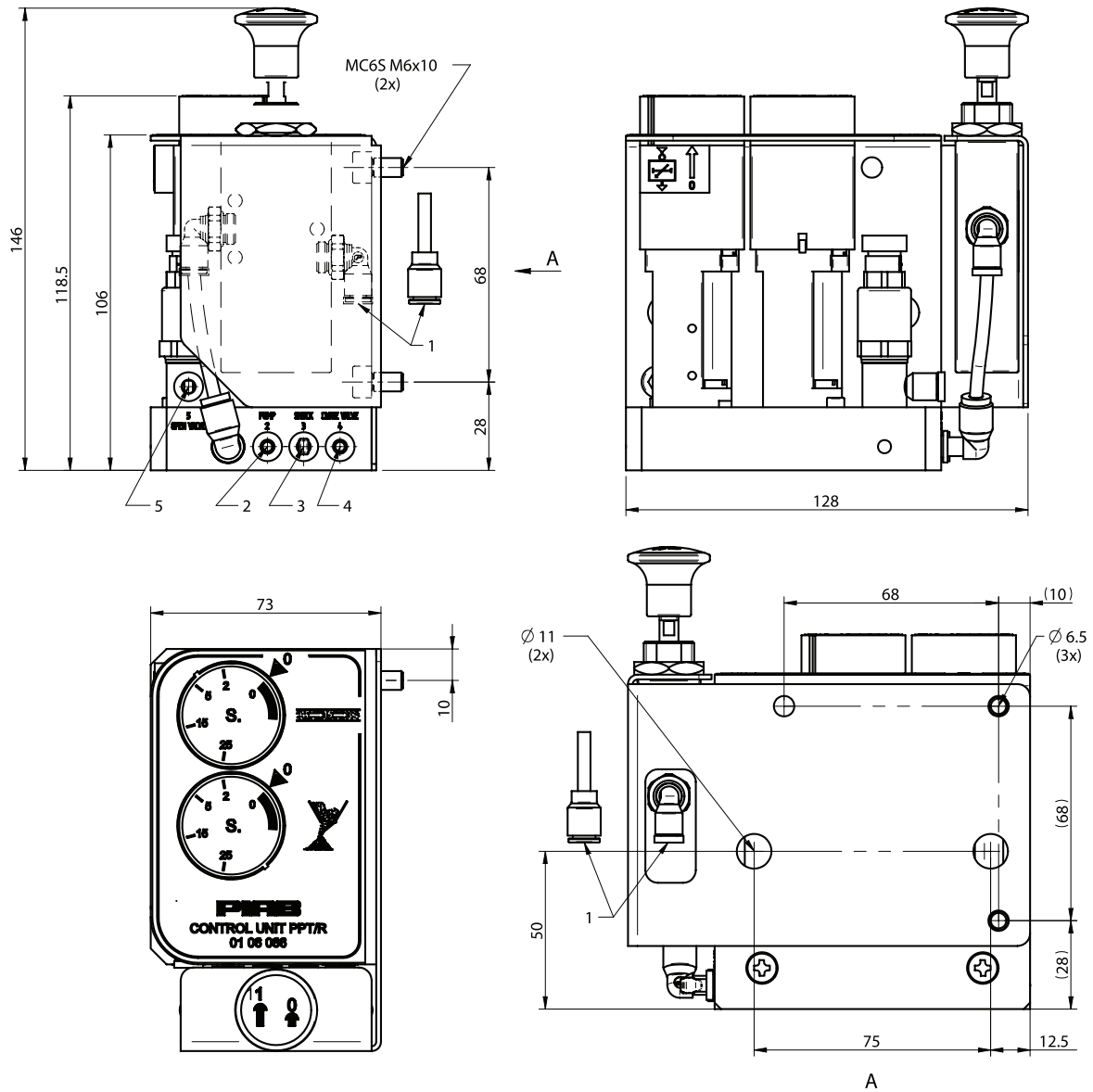
- ▶ Controls the functions of the conveyor.
- ▶ Fully pneumatic.
- ▶ The maximum recommended distance between the conveyor and control unit is 10 metres when feed pressure is 0.6 MPa.
- ▶ Separate order for the tubing kit.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------------------|------|---------|
| Feed pressure range | MPa | 0.4–0.6 |
| Material | | Al, PA |
| Temperature range | °C | 0–50 |
| Weight | kg | 1.30 |
| Min particle size, filtered air | µm | 5 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Control unit PPT/RS | 0111636 |



Conveyors C
CONTROL UNITS

ORDERING INFORMATION, ACCESSORIES

| Description | Art. No. |
|----------------------------------|----------|
| Nylon tubing kit PPT/RS-C2100-64 | 0117509 |

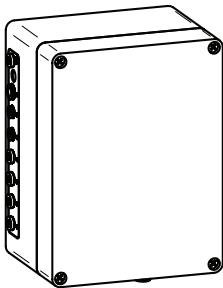
VALVE UNIT VU EP-1



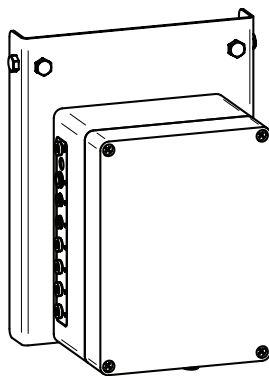
- ▶ Valve unit with electro-pneumatic valves that can be used to control PIAB's vacuum conveyors with external PLC or similar electrical control system.
- ▶ Simple installation: Prepared for connection to the vacuum conveyor's main functions; start the pump, close the bottom valve, open the bottom valve, fluidisation 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.
- ▶ Three versions are available; one basic version with no mounting bracket and one including mounting bracket for the C conveyors.
- ▶ Nylon tubing kit for connection of compressed air must be ordered separately.

TECHNICAL DATA

| Description | Unit | Value |
|-----------------------|------|----------------|
| Feed pressure range | MPa | 0.4-0.6 |
| Material | | PC, Neoprene |
| Temperature range | °C | 0-50 |
| Weight | kg | 2.27 |
| Voltage | V | 24 |
| Safety classification | | IP54 |
| Display | | LED-indicators |
| Power consumption | W | 3(x4) |
| Electric connection | | 8-pin M12x1.0 |



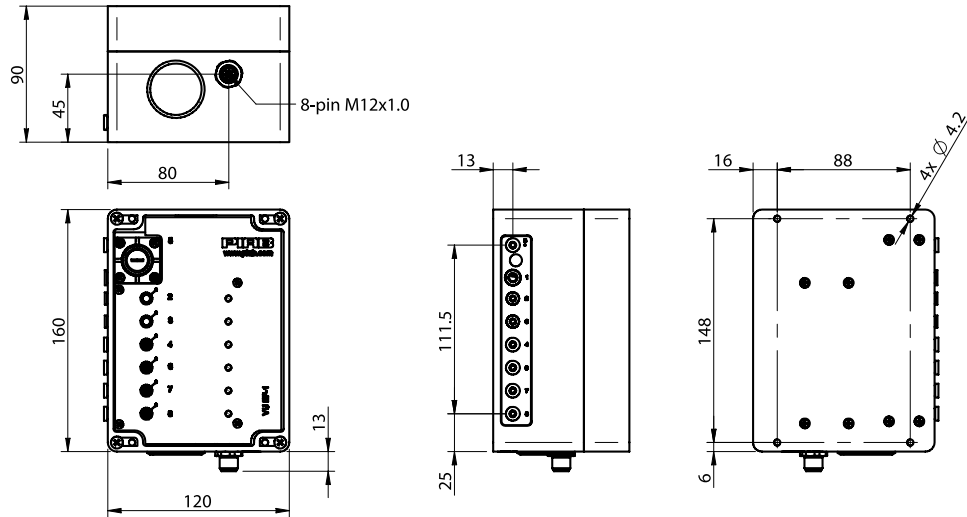
Art. No. 0112864



Art. No. 0113024

ORDERING INFORMATION

| Description | Art. No. |
|--|----------|
| Valve unit VU EP-1 | 0112864 |
| Valve unit VU EP-1 cpl. for C-conveyor | 0113024 |



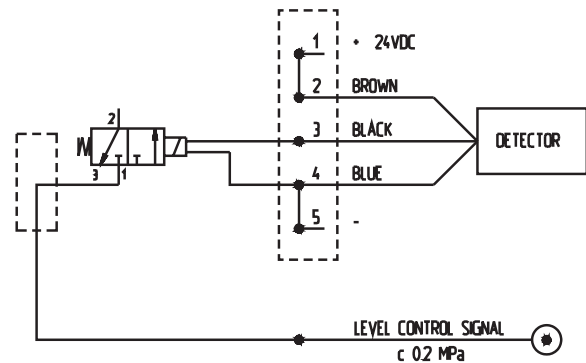
ORDERING INFORMATION, ACCESSORIES

| Description | Art. No. |
|---------------------------------------|----------|
| Nylon tubing kit, Standard CU-C21 | 0106978 |
| Nylon tubing kit, Fluidisation CU-C21 | 0106979 |
| Nylon tubing kit, Standard CU-C33 | 0103929 |
| Nylon tubing kit, Fluidisation CU-C33 | 0103930 |
| Nylon tubing kit, Standard CU-C56 | 0106981 |
| Nylon tubing kit, Fluid CU-C56 | 0106982 |

LEVEL DETECTOR



- ▶ Apply with CU-1/2.
- ▶ Stops the conveyor when level in receiving vessel is reached.



TECHNICAL DATA

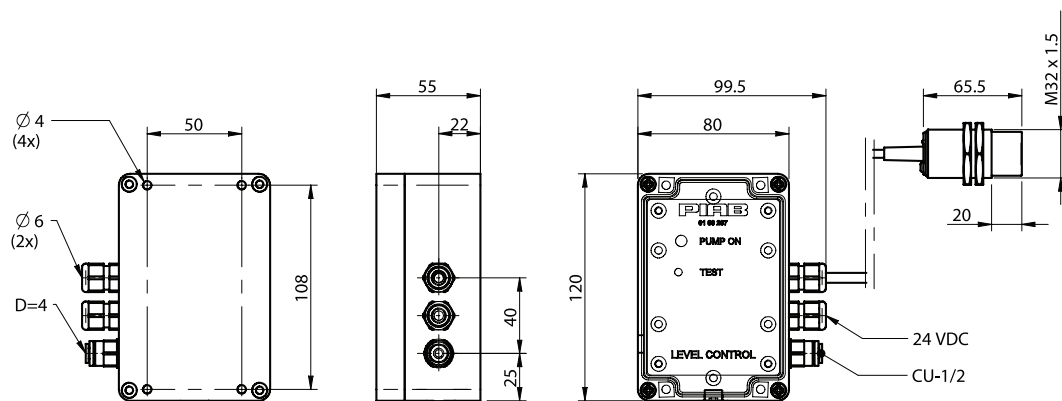
| Description | Unit | Value |
|----------------------------|------|---------|
| Material | | PC, POM |
| Temperature range | °C | 0-50 |
| Weight | g | 622 |
| Voltage | V | 24 |
| Safety classification, box | | IP54 |

TECHNICAL DATA, CAPACITIVE GAUGE

| Description | Unit | Value |
|---|-----------------|--------|
| Temperature, operating | °C | -30-70 |
| Cable, capacitive gauge | mm ² | 3x0.5 |
| Safety classification, capacitive gauge | | IP67 |
| Current, max | mA | 300 |
| Switching power | W | 7.2 |

ORDERING INFORMATION

| Description | Art. No. |
|----------------|----------|
| Level detector | 0100267 |



REMOTE-CONTROLLED START/STOP



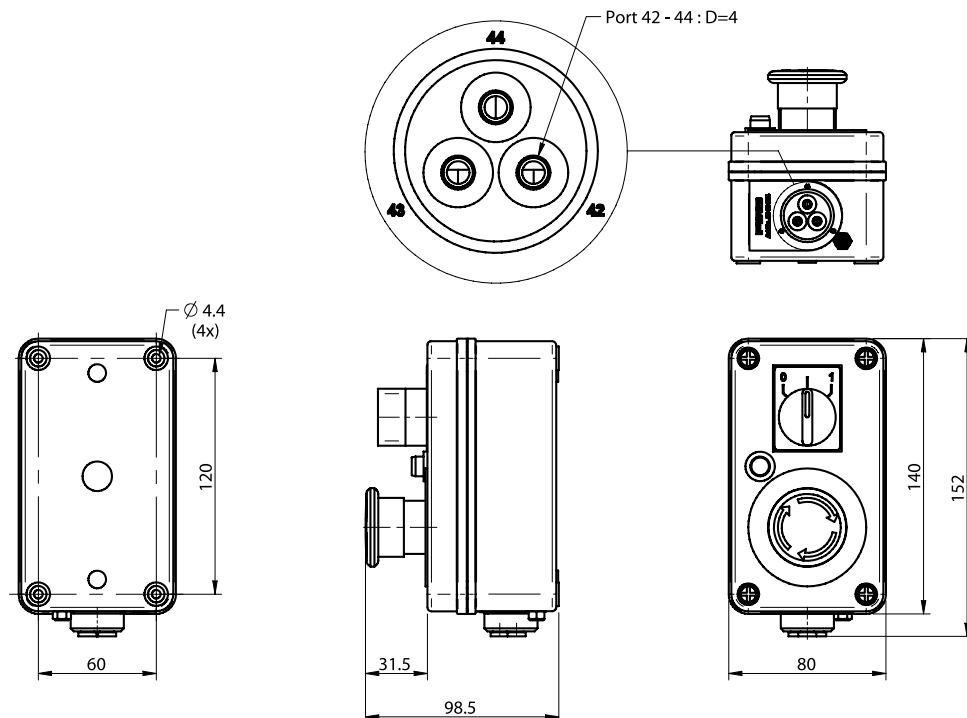
- ▶ Remote-controlled start and stop of the conveyor.
- ▶ Fully pneumatic.
- ▶ Visual signal (pneumatic eye) shows if the conveyor is running.
- ▶ Use together with CU-1A/B or CU-2A/B.

TECHNICAL DATA

| Description | Unit | Value |
|---------------------|------|---------|
| Feed pressure range | MPa | 0.4–0.6 |
| Temperature range | °C | 0–50 |
| Weight | kg | 0.47 |
| Material | | PA |

ORDERING INFORMATION

| Description | Art. No. |
|--|----------|
| Remote control CU-1/2 Start/Stop with emergency stop | 0103924 |



REGULATOR KIT



- ▶ Regulates the incoming pressure to the pump.
- ▶ The filter cleans the compressed air.

TECHNICAL DATA

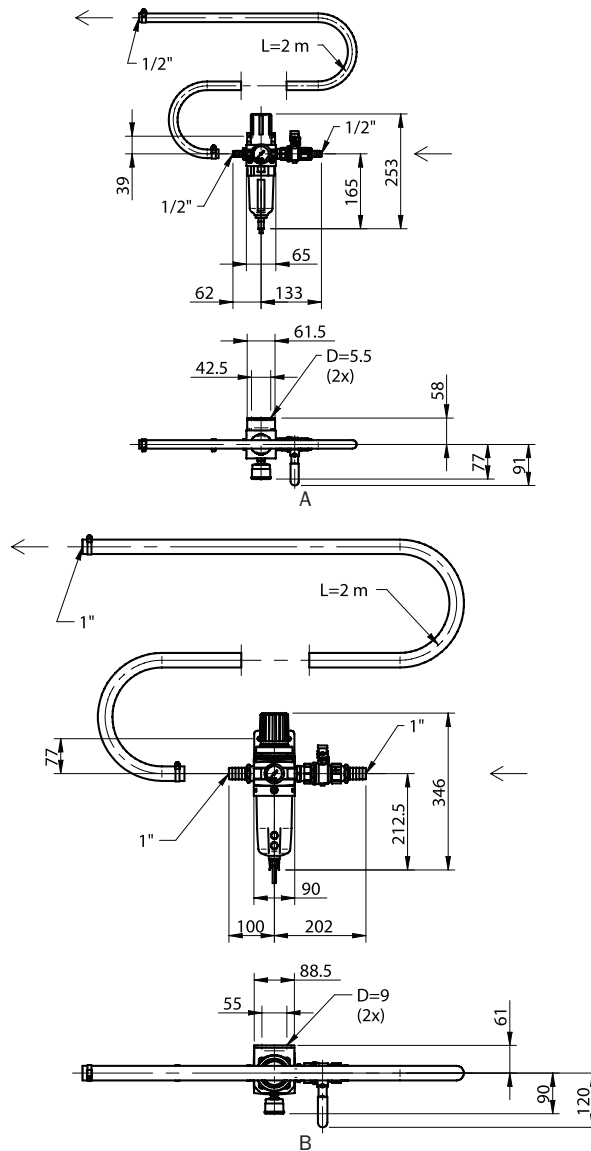
| Description | Unit | Value |
|--------------------|------|--|
| Feed pressure, max | MPa | 0.8 |
| Material | | Al, PA, Cu, SS, PTFE, PP, POM, NBR, PB |
| Temperature range | °C | -10-80 |

TECHNICAL DATA, SPECIFIC

| Description | Unit | Value | |
|-------------|------|---------|---------|
| | | 0104490 | 0104491 |
| Weight | kg | 2.78 | 4.79 |

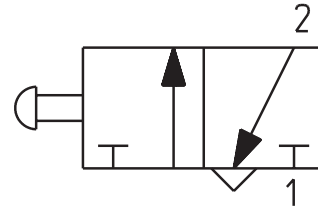
ORDERING INFORMATION

| Description | Art. No. |
|------------------------------|----------|
| A Regulator kit 1/2" 100-400 | 0104490 |
| B Regulator kit 1" 600-1600 | 0104491 |



Conveyors C
CONTROL UNITS

ACTUATING VALVE

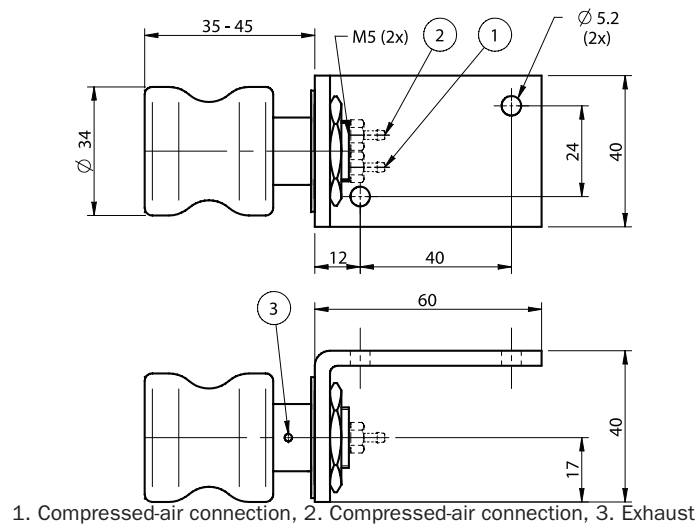


TECHNICAL DATA

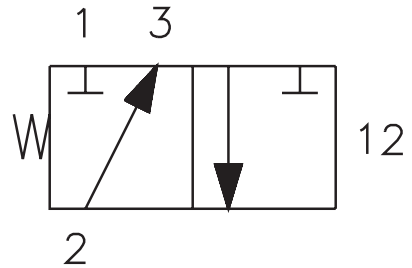
| Description | Unit | Value |
|--------------------|------|---------------------------|
| Feed pressure, max | MPa | 0.7 |
| Material | | SS, PB, Al, NBR, CuZn, PA |
| Temperature range | °C | -40–110 |
| Weight | g | 120 |

ORDERING INFORMATION

| Description | Art. No. |
|---------------------|----------|
| Actuating valve cpl | 3107001 |



VALVE 3/2 G1/8" PS NC

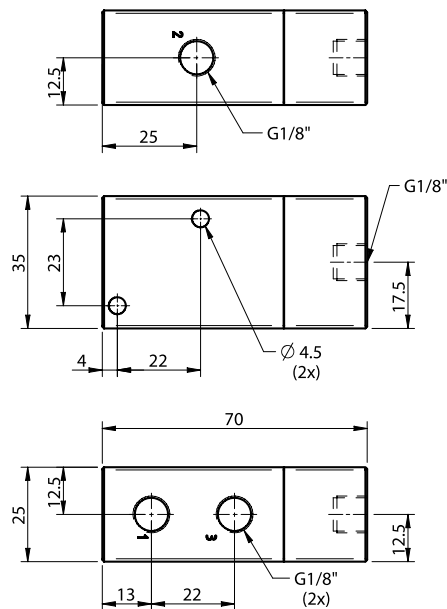


TECHNICAL DATA

| Description | Unit | Value |
|---------------------------------------|--------|---------------|
| Working pressure, max. | MPa | 1.0 |
| Temperature range | °C | -5-70 |
| Weight | g | 170 |
| Flow, at 0.6 MPa with delta-p=0.1 MPa | NI/min | 840 |
| Material | | Al (anodized) |

ORDERING INFORMATION

| Description | Art. No. |
|-----------------------|----------|
| Valve 3/2 G1/8" PS NC | 0112436 |



MOUNTING CLAMP TO CONTROL UNIT CU-1/2



TECHNICAL DATA

| Description | Unit | Value |
|-------------|------|-----------|
| Material | | ASTM 316L |
| Weight | g | 118 |

ORDERING INFORMATION

| Description | Art. No. |
|------------------------------------|----------|
| Mounting clamp control unit CU-1/2 | 0104487 |

