



## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS20**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 20 l/min  
 fluid connections: 3/8" BSP

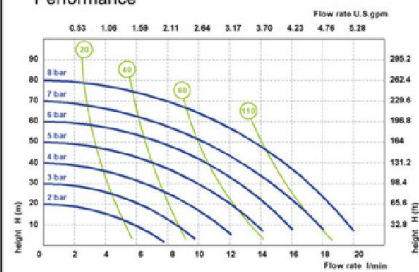
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-----------|-------------|--------|---|
| 028-S020-AB1 | SS AISI 316 | NBR+PTFE  | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                         |
| 028-S020-AB2 | SS AISI 316 | NBR+PTFE  | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - AdBlue                 |
| 028-S020-AB3 | SS AISI 316 | NBR+PTFE  | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA<br>SEE THE ATTACHED LIST |

### Technical data

Fluid connections: 3/8" BSP  
 Air connection: 6mm  
 Max flow-rate: 20 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 6,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 3 mm  
 Noise level: 65 dB  
 Displacement per cycle: 30 cm<sup>3</sup>  
 Max viscosity: 12000 cps

### Performance

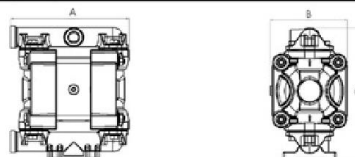


● Air supply pressure ● Air consumption l/min

The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

### Dimensions

|                 |      |
|-----------------|------|
| A (mm)          | 148  |
| B (mm)          | 92   |
| C (mm)          | 153  |
| Weight kg       | 2,1  |
| MAX Temperature | 95°C |





## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



### Meclube Model SS35

Made in STAINLESS STEEL AISI 316

compression ratio: 1:1

max flow-rate: 35 l/min

fluid connections: 1/2" BSP

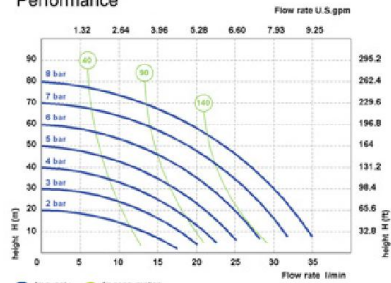
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S035-AB1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S035-AB2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - AdBlue                   |
| 028-S035-AB3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S035-AB4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

#### Technical data

|                         |                    |
|-------------------------|--------------------|
| Fluid connections:      | 1/2" BSP           |
| Air connection:         | 6mm                |
| Max flow-rate:          | 35 l/min           |
| Max air pressure:       | 8 bar              |
| Max delivery height:    | 80 m               |
| Max suction Lift Dry:   | 5,0 m              |
| Max Suction Lift Wet:   | 9,8 m              |
| Max Solid passing:      | 3,5 mm             |
| Noise level:            | 65 dB              |
| Displacement per cycle: | 50 cm <sup>3</sup> |
| Max viscosity:          | 15000 cps          |

#### Performance

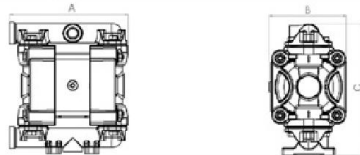


● Air supply pressure ● Air consumption l/min

The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

#### Dimensions

|                 |      |
|-----------------|------|
| A (mm)          | 182  |
| B (mm)          | 104  |
| C (mm)          | 190  |
| Weight kg       | 2,4  |
| MAX Temperature | 95°C |





## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS55**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 55 l/min  
 fluid connections: 1/2" BSP

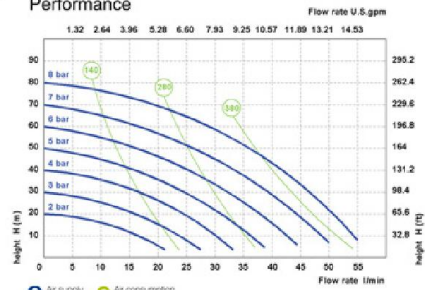
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S055-AB1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S055-AB2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - AdBlue                   |
| 028-S055-AB3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S055-AB4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

### Technical data

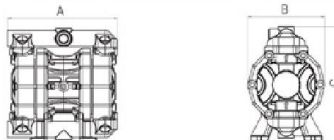
Fluid connections: 1/2" BSP  
 Air connection: 1/4" BSP  
 Max flow-rate: 55 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 6,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 3,5 mm  
 Noise level: 68 dB  
 Displacement per cycle: 85 cm<sup>3</sup>  
 Max viscosity: 20000 cps

### Performance



### Dimensions

**A (mm)** 225  
**B (mm)** 156  
**C (mm)** 230  
**Weight kg** 6  
**MAX Temperature** 95°C





## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS110**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 110 l/min  
 fluid connections: 3/4" BSP

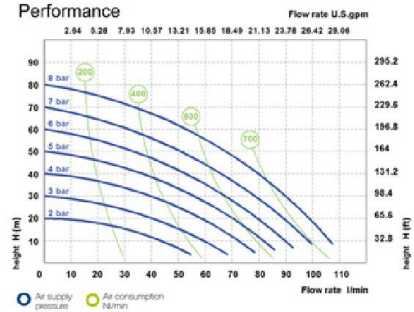
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S110-AB1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S110-AB2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - Adhesive                 |
| 028-S110-AB3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S110-AB4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

### Technical data

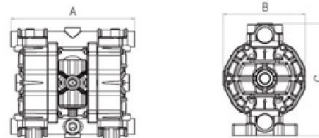
Fluid connections: 3/4" BSP  
 Air connection: 3/8" BSP  
 Max flow-rate: 110 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 6,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 3,5 mm  
 Noise level: 72 dB  
 Displacement per cycle: 100 cm<sup>3</sup>  
 Max viscosity: 25000 cps

### Performance



### Dimensions

A (mm) 250  
 B (mm) 175  
 C (mm) 250  
 Weight kg 9  
 MAX Temperature 95°C





## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS170**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 170 l/min  
 fluid connections: 1" BSP

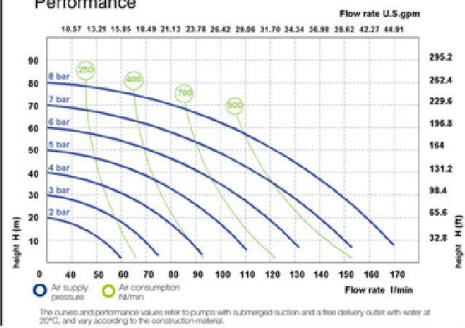
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S170-AB1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S170-AB2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - AdBlue                   |
| 028-S170-AB3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S170-AB4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

### Technical data

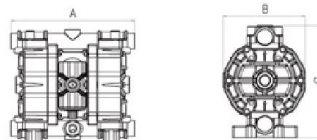
Fluid connections: 1" BSP  
 Air connection: 1/2" BSP  
 Max flow-rate: 170 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 6,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 7,5 mm  
 Noise level: 75 dB  
 Displacement per cycle: 330 cm<sup>3</sup>  
 Max viscosity: 35000 cps

### Performance



### Dimensions

A (mm) 360  
 B (mm) 222  
 C (mm) 346  
 Weight kg 20  
 MAX Temperature 95°C





## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS250**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 250 l/min  
 fluid connections: 1" 1/4 BSP

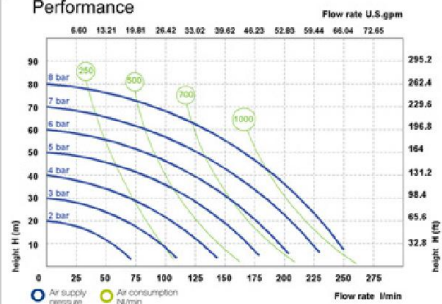
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S250-AB1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S250-AB2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - Adhesive                 |
| 028-S250-AB3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S250-AB4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

### Technical data

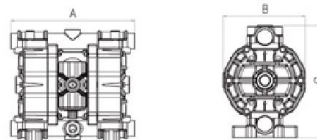
Fluid connections: 1"1/4 BSP  
 Air connection: 1/2 BSP  
 Max flow-rate: 250 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 6,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 7,5 mm  
 Noise level: 75 dB  
 Displacement per cycle: 330 cm<sup>3</sup>  
 Max viscosity: 35000 cps

### Performance



### Dimensions

**A (mm)** 360  
**B (mm)** 222  
**C (mm)** 346  
**Weight kg** 20  
**MAX Temperature** 95°C







## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS550**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 550 l/min  
 fluid connections: Tri-Clamp 2"

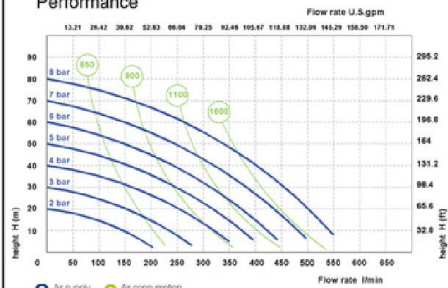
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S550-EF1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S550-EF2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - AdBlue                   |
| 028-S550-EF3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S550-EF4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

### Technical data

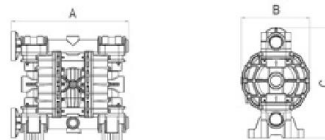
Fluid connections: Tri-Clamp 2"  
 Air connection: 3/4" BSP  
 Max flow-rate: 550 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 5,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 8,5 mm  
 Noise level: 78 dB  
 Displacement per cycle: 1250 cm<sup>3</sup>  
 Max viscosity: 50000 cps

### Performance



### Dimensions

|                 |      |
|-----------------|------|
| A (mm)          | 582  |
| B (mm)          | 345  |
| C (mm)          | 570  |
| Weight kg       | 60   |
| MAX Temperature | 95°C |





## AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



**Meclube Model SS700**  
 Made in STAINLESS STEEL AISI 316  
 compression ratio: 1:1  
 max flow-rate: 700 l/min  
 fluid connections: Tri-Clamp 2"1/2

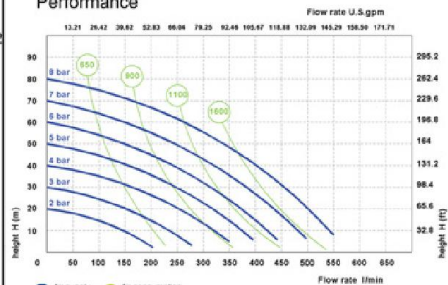
EX II 3/3 GD c IIB T 135°C ATEX zone 2

| ARTICLE      | CASING      | DIAPHRAGM   | BALLS       | GASKET | FLUIDS  |
|--------------|-------------|-------------|-------------|--------|---|
| 028-S700-EF1 | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR    | OIL - EXHAUSTED OIL - DIESEL FUEL                           |
| 028-S700-EF2 | SS AISI 316 | HYTREL+PTFE | PTFE        | VITON  | WATER - ANTI-FREEZE - WINDSCREEN - AdBlue                   |
| 028-S700-EF3 | SS AISI 316 | HYTREL+PTFE | PTFE        | PTFE   | CHEMICAL PRODUCTS - CAUSTIC SODA                            |
| 028-S700-EF4 | SS AISI 316 | HYTREL+PTFE | EPDM        | EPDM   | ABRASIVE LIQUID - ALKALINE / BASIC<br>SEE THE ATTACHED LIST |

### Technical data

Fluid connections: Tri-Clamp 2"1/2  
 Air connection: 3/4" BSP  
 Max flow-rate: 700 l/min  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction Lift Dry: 5,0 m  
 Max Suction Lift Wet: 9,8 m  
 Max Solid passing: 8,5 mm  
 Noise level: 78 dB  
 Displacement per cycle: 1250 cm<sup>3</sup>  
 Max viscosity: 50000 cps

### Performance



● Air supply pressure ● Air consumption l/min

The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

### Dimensions

|                 |      |
|-----------------|------|
| A (mm)          | 487  |
| B (mm)          | 345  |
| C (mm)          | 599  |
| Weight kg       | 46   |
| MAX Temperature | 95°C |

