



FOOD **FDA**
compliant

Air-operated double diaphragm pumps
realized in **SS AISI 316 ELECTRO-POLISHED**
Flow-rate from 20 lts/min to 700lts/min
Connection from 3/8" to 2"



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

 EX II 2/2 GD c IIB T 135°C ATEX zone 1



AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



Meclube Model FOOD SS20

Made in SS AISI 316 electro-polished
 compression ratio: 1:1
 max flow-rate: 20 l/min
 fluid connections: Tri-Clamp 1/2"

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

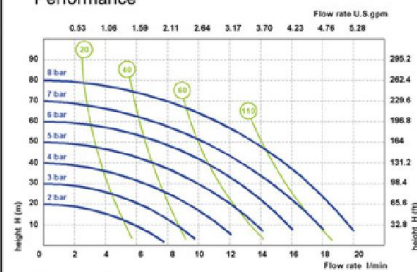


ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F020-AB1	SS AISI 316 E-P	NBR+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F020-AB2	SS AISI 316 E-P	NBR+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

Technical data

Fluid connections: Tri-Clamp 1/2"
 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 cm³
 Max viscosity: 12000 cps

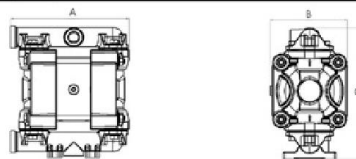
Performance



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 FOOD SS35

Made in SS AISI 316 electro-polished

compression ratio: 1:1

max flow-rate: 35 l/min

fluid connections: Tri-Clamp 1"

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

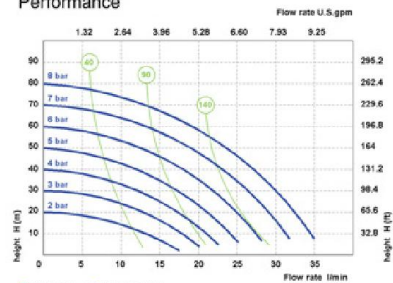
FDA
compliant

ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F035-AB1	SS AISI 316 E-P	HYTREL+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F035-AB2	SS AISI 316 E-P	HYTREL+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

Technical data

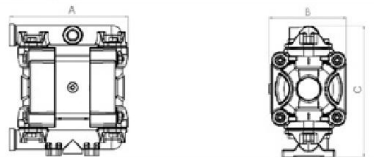
Fluid connections:	Tri-Clamp 1"
Air connection:	6mm
Max flow-rate:	35 l/min
Max air pressure:	8 bar
Max delivery height:	80 m
Max suction Lift Dry:	5,0 m
Max Suction Lift Wet:	9,8 m
Max Solid passing:	3,5 mm
Noise level:	65 dB
Displacement per cycle:	50 cm ³
Max viscosity:	15000 cps

Performance



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 FOOD SS55
Made in STAINLESS STEEL AISI 316
compression ratio: 1:1
max flow-rate: 55 l/min
fluid connections: Tri-Clamp1"

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

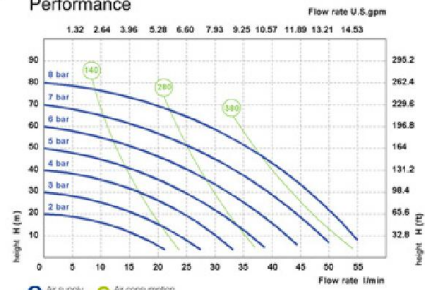


ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F055-AB1	SS AISI 316 E-P	HYTREL+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F055-AB2	SS AISI 316 E-P	HYTREL+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

Technical data

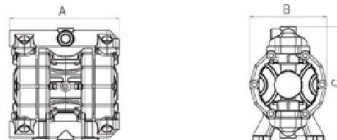
Fluid connections: Tri-Clamp1"
Air connection: 1/4" BSP
Max flow-rate: 55 l/min
Max air pressure: 8 bar
Max delivery height: 80 m
Max suction Lift Dry: 6,0 m
Max Suction Lift Wet: 9,8 m
Max Solid passing: 3,5 mm
Noise level: 68 dB
Displacement per cycle: 85 cm³
Max viscosity: 20000 cps

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 FOOD SS110

Made in SS AISI 316 electro-polished

compression ratio: 1:1

max flow-rate: 110 l/min

fluid connections: Tri-Clamp 1"

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

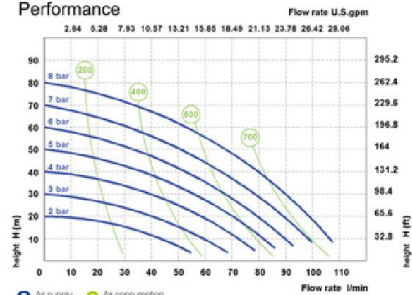


ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F110-AB1	SS AISI 316 E-P	HYTREL+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F110-AB2	SS AISI 316 E-P	HYTREL+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

Technical data

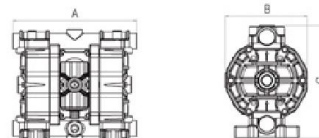
Fluid connections:	Tri-Clamp 1"
Air connection:	3/8" BSP
Max flow-rate:	110 l/min
Max air pressure:	8 bar
Max delivery height:	80 m
Max suction Lift Dry:	6,0 m
Max Suction Lift Wet:	9,8 m
Max Solid passing:	3,5 mm
Noise level:	72 dB
Displacement per cycle:	100 cm ³
Max viscosity:	25000 cps

Performance



Dimensions

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





AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



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

Meclube Model FOOD SS170

Made in SS AISI 316 electro-polished

compression ratio: 1:1

max flow-rate: 170 l/min

fluid connections: Tri-Clamp 1"1/2

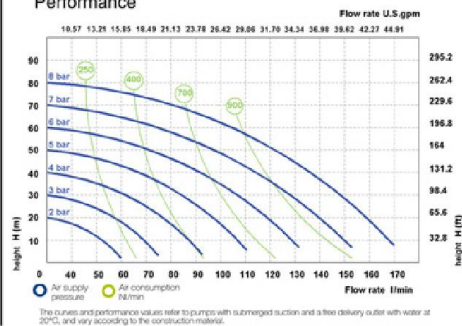


ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F170-AB1	SS AISI 316 E-P	HYTREL+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F170-AB2	SS AISI 316 E-P	HYTREL+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

Technical data

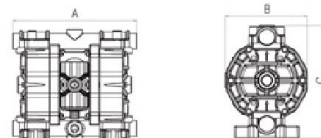
Fluid connections: Tri-Clamp 1"1/2
Air connection: 1/2" BSP
Max flow-rate: 170 l/min
Max air pressure: 8 bar
Max delivery height: 80 m
Max suction Lift Dry: 6.0 m
Max Suction Lift Wet: 9.8 m
Max Solid passing: 7,5 mm
Noise level: 75 dB
Displacement per cycle: 330 cm³
Max viscosity: 35000 cps

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 FOOD SS550

Made in SS AISI 316 electro-polished

compression ratio: 1:1

max flow-rate: 550 l/min

fluid connections: Tri-Clamp 2"



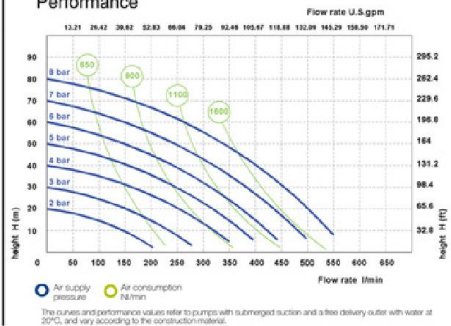
EX II 3/3 GD c IIB T 135°C ATEX zone 2

ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F550-EF1	SS AISI 316 E-P	HYTREL+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F550-EF2	SS AISI 316 E-P	HYTREL+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

Technical data

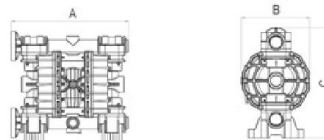
Fluid connections:	Tri-Clamp 2"
Air connection:	3/4" BSP
Max flow-rate:	550 l/min
Max air pressure:	8 bar
Max delivery height:	80 m
Max suction Lift Dry:	5,0 m
Max Suction Lift Wet:	9,8 m
Max Solid passing:	8,5 mm
Noise level:	78 dB
Displacement per cycle:	1250 cm ³
Max viscosity:	50000 cps

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 FOOD SS700

Made in SS AISI 316 electro-polished

compression ratio: 1:1

max flow-rate: 700 l/min

fluid connections: Tri-Clamp 2" 1/2



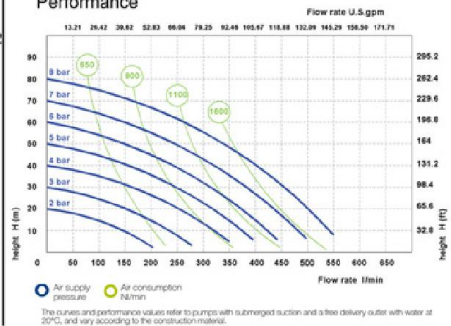
EX II 3/3 GD c IIB T 135°C ATEX zone 2

ARTICLE	CASING	DIAPHRAGM	BALLS	GASKET	FLUIDS
028-F700-EF1	SS AISI 316 E-P	HYTREL+PTFE	SS AISI 316	PTFE	FOOD AND DRINK PRODUCTS
028-F700-EF2	SS AISI 316 E-P	HYTREL+PTFE	PTFE	PTFE	FOOD AND DRINK PRODUCTS

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 cm³
Max viscosity: 50000 cps

Performance



Dimensions

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

