

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR

## Mod. 905 FLANGED

COMPRESSION RATIO = 5:1

DELIVERY CAPACITY = 45 l/min



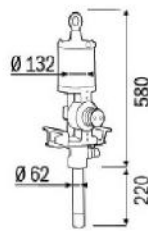
### Art. 021-0905-000

Double-acting air-operated industrial oil pump ratio=5:1

Mod. 905 flanged

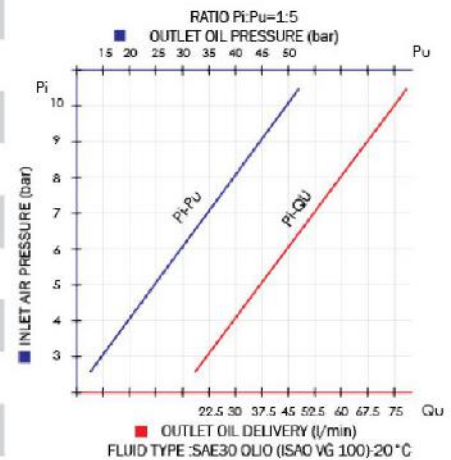
For wall-fixing or fixed positions.

Polyurethane seals



021-0905-000 15,000 0,040 1

TECHNICAL DATA		021-0905-000
Compression ratio		5:1
Working pressure	bar	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75
Air inlet connection	BSP	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45
Noise	dB	80
Shank diameter	mm	62
Shank length	mm	Modular F 1"
For drums	l	-



These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.

The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.



### Art. 021-0908-000

Double-acting air-operated industrial oil pump ratio=8:1  
Mod. 908 flanged  
For wall-fixing or fixed positions.  
Polyurethane seals

### Art. 021-0908-094

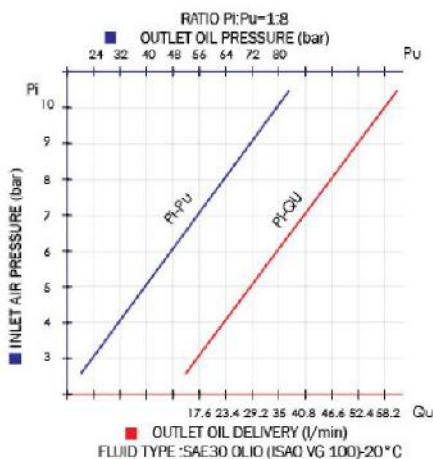
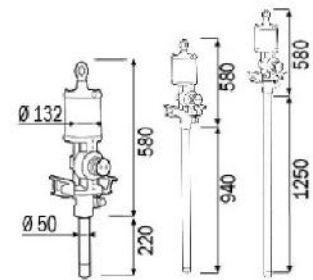
Double-acting air-operated industrial oil pump ratio=8:1  
Mod. 908 flanged  
For barrels of 180-220 l  
Polyurethane seals

### Art. 021-0908-125

Double-acting air-operated industrial oil pump ratio=8:1  
Mod. 908 flanged  
For tanks of 750-1500 l  
Polyurethane seals



021-0908-000	14,000	0,040	1
021-0908-094	16,000	0,070	1
021-0908-125	17,000	0,090	1



TECHNICAL DATA	021-0908-000	021-0908-094	021-0908-125
Compression ratio	8:1	8:1	8:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75	1,75
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	35	35
Noise	dB	80	80
Shank diameter	mm	50	50
Shank length	mm	Modular F 1"	940
For drums	l	-	180-220
			750-1500

These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR

## Mod. 1210 FLANGED

COMPRESSION RATIO = 10:1      DELIVERY CAPACITY = 45 l/min



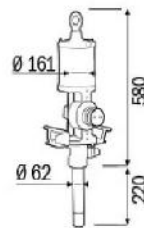
### Art. 021-1210-000

Double-acting air-operated industrial oil pump ratio=10:1

Mod. 1210 flanged

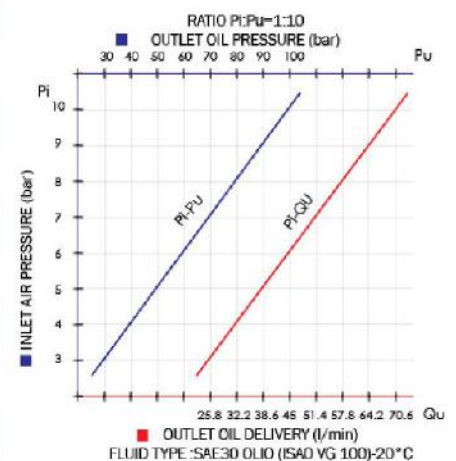
For wall-fixing or fixed positions.

Polyurethane seals



021-1210-000    16,000    0,040    1

TECHNICAL DATA		021-1210-000
Compression ratio		10.1
Working pressure	bar	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	2,90
Air inlet connection	BSP	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45
Noise	dB	80
Shank diameter	mm	62
Shank length	mm	Modular F 1"
For drums	l	-



These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.





### Art. 021-0912-000

Double-acting air-operated industrial oil pump ratio=12:1  
Mod. 912 flanged  
For wall-fixing or fixed positions.  
Polyurethane seals

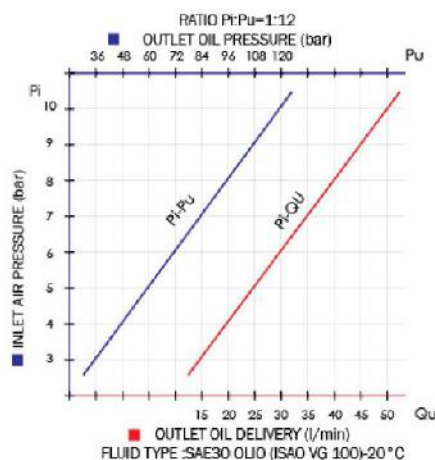
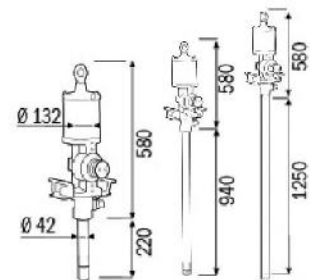
### Art. 021-0912-094

Double-acting air-operated industrial oil pump ratio=12:1  
Mod. 912 flanged  
For barrels of 180-220 l  
Polyurethane seals

### Art. 021-0912-125

Double-acting air-operated industrial oil pump ratio=12:1  
Mod. 912 flanged  
For tanks of 750-1500 l  
Polyurethane seals

021-0912-000	13,500	0,040	1	
021-0912-094	15,500	0,070	1	
021-0912-125	16,500	0,090	1	



TECHNICAL DATA	021-0912-000	021-0912-094	021-0912-125
Compression ratio	12:1	12:1	12:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75	1,75
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	30	30
Noise	dB	80	80
Shank diameter	mm	42	42
Shank length	mm	Modular F 1"	940
For drums	l	-	180-220
			750-1500

These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. Suitable for the transfer of medium-high viscosity grease. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR

## Mod. 1214 FLANGED

COMPRESSION RATIO = 14:1 DELIVERY CAPACITY = 30 l/min



### Art. 021-1214-000

Double-acting air-operated industrial oil pump ratio=14:1

Mod. 1214 flanged

For wall-fixing or fixed positions.

Polyurethane seals

### Art. 021-1214-094

Double-acting air-operated industrial oil pump ratio=14:1

Mod. 1214 flanged

For barrels of 180-220 l

Polyurethane seals

### Art. 021-1214-125

Double-acting air-operated industrial oil pump ratio=14:1

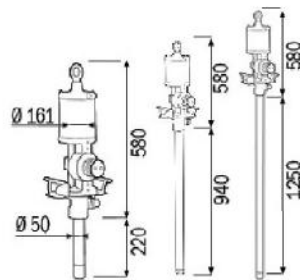
Mod. 1214 flanged

For tanks of 750-1500 l

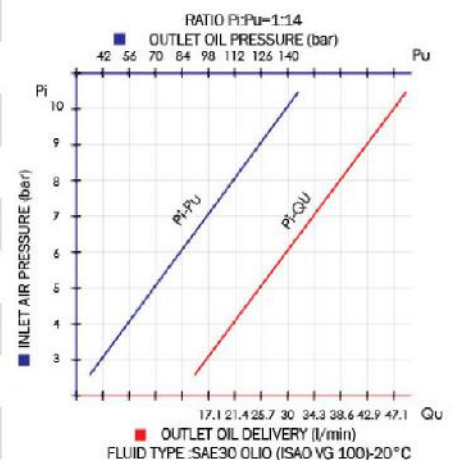
Polyurethane seals



021-1214-000	15,000	0,040	1
021-1214-094	17,000	0,070	1
021-1214-125	18,000	0,090	1



TECHNICAL DATA		021-1214-000	021-1214-094	021-1214-125
Compression ratio		14.1	14.1	14.1
Working pressure	bar	6-8	6-8	6-8
Air consumption at 8 bar	m³/min	2,90	2,90	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	30	30	30
Noise	dB	80	80	80
Shank diameter	mm	50	50	50
Shank length	mm	Modular F 1"	940	1250
For drums	l	-	180-220	750-1500



These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.





### Art. 021-1220-000

Double-acting air-operated industrial oil pump ratio=20:1  
Mod. 1220 flanged  
For wall-fixing or fixed positions.  
Polyurethane seals

### Art. 021-1220-094

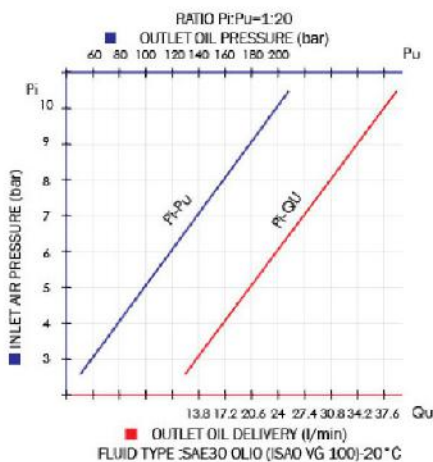
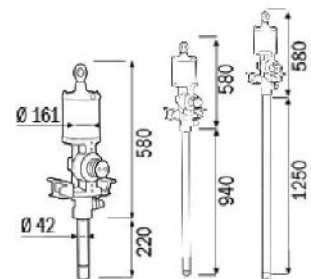
Double-acting air-operated industrial oil pump ratio=20:1  
Mod. 1220 flanged  
For barrels of 180-220 l  
Polyurethane seals

### Art. 021-1220-125

Double-acting air-operated industrial oil pump ratio=20:1  
Mod. 1220 flanged  
For tanks of 750-1500 l  
Polyurethane seals



Art.	Weight (Kg)	Volume (m³)	Np
021-1220-000	14,000	0,040	1
021-1220-094	16,000	0,070	1
021-1220-125	17,000	0,090	1



TECHNICAL DATA	021-1220-000	021-1220-094	021-1220-125
Compression ratio	20:1	20:1	20:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m³/min	2,90	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	24	24
Noise	dB	80	80
Shank diameter	mm	42	42
Shank length	mm	Modular F 1"	940
For drums	l	-	180-220
			750-1500

These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. Suitable for the transfer of medium-high viscosity grease. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL BREAK PUMPS FOR OIL AND CHEMICAL PRODUCTS



## Art. 021-0905-DTO

Double-acting air-operated industrial pump for oil and chemical products ratio=5:1

Delivery capacity 45 l/min

Mod. 905D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-0908-DTO

Double-acting air-operated industrial pump for oil and chemical products ratio=8:1

Delivery capacity 35 l/min

Mod. 908D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-0912-DTO

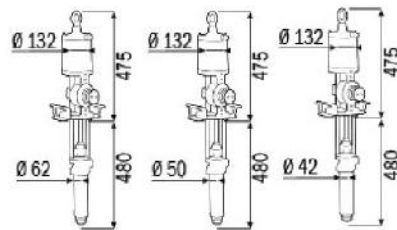
Double-acting air-operated industrial pump for oil and chemical products ratio=12:1

Delivery capacity 30 l/min

Mod. 912D break

For wall-fixing or fixed positions.

Teflon seals

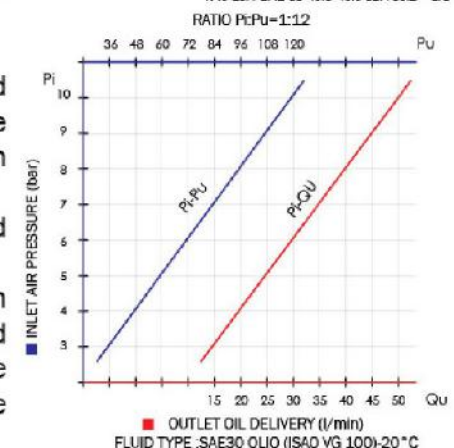
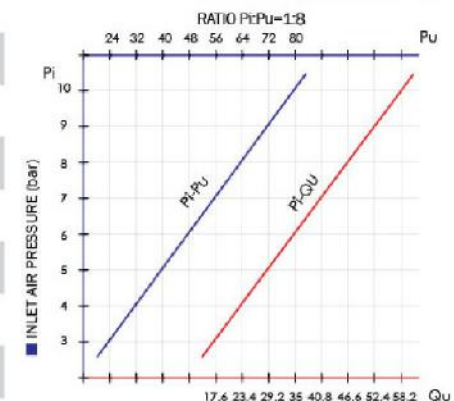
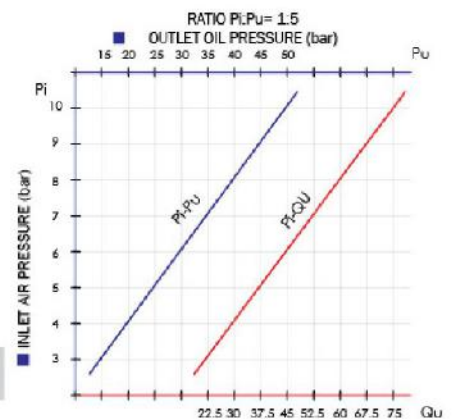


021-0905-DTO	17,000	0,045	1
021-0908-DTO	16,000	0,045	1
021-0912-DTO	15,500	0,045	1

TECHNICAL DATA		021-0905-DTO	021-0908-DTO	021-0912-DTO
Compression ratio		5:1	8:1	12:1
Working pressure	bar	6-8	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75	1,75	1,75
Air inlet connection	BSP	F 1/2" G	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45	35	30
Noise	dB	80	80	80
Shank diameter	mm	62	50	42
Shank length	mm	Modular F 1"	Modular F 1"	Modular F 1"

Automatic engine body and shank kit are divided in order to avoid that the fluid enter directly in contact with device body. These pumps are advised for the transfer of oil and industrial fluids for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure. The delivery capacity of a pump varies according to particular applications and combinations.

The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.







## Art. 021-1210-DTO

Double-acting air-operated industrial pump for oil and chemical products ratio=10:1

Delivery capacity 45 l/min

Mod. 1208D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-1214-DTO

Double-acting air-operated industrial pump for oil and chemical products ratio=14:1

Delivery capacity 30 l/min

Mod. 1214D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-1220-DTO

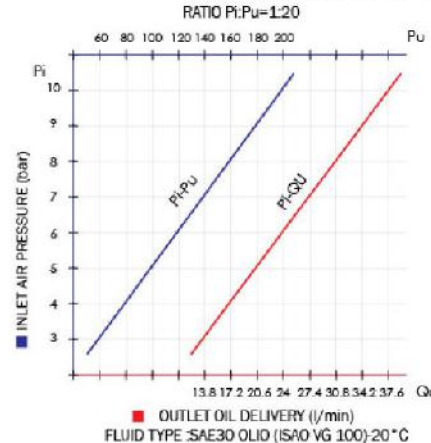
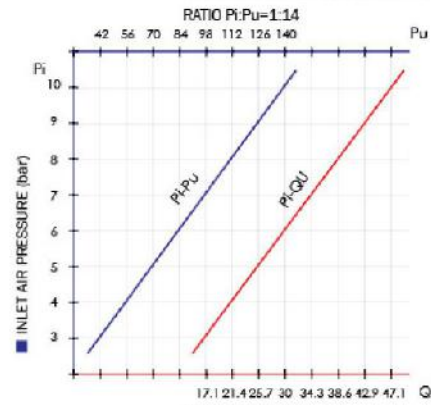
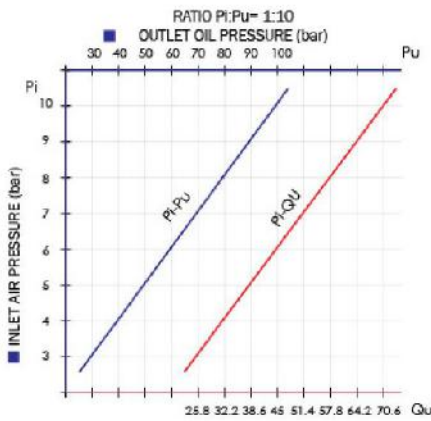
Double-acting air-operated industrial pump for oil and chemical products ratio=20:1

Delivery capacity 24 l/min

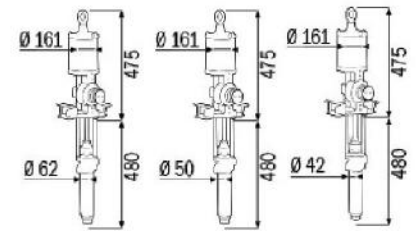
Mod. 1220D break

For wall-fixing or fixed positions.

Teflon seals



<b>021-1210-DTO</b>	18,000	0,045	1
<b>021-1214-DTO</b>	17,000	0,045	1
<b>021-1220-DTO</b>	16,500	0,045	1



TECHNICAL DATA	021-1210-DTO	021-1214-DTO	021-1220-DTO
Compression ratio	10:1	14:1	20:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	2,90	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45	30
Noise	dB	80	80
Shank diameter	mm	62	50
Shank length	mm	Modular F 1"	Modular F 1"

Automatic engine body and shank kit are divided in order to avoid that the fluid enter directly in contact with device body. These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances, suitable for the transfer of industrial and chemical fluids. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantee the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.



# AIR-OPERATED INDUSTRIAL BREAK PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.902D HIGH DELIVERY BREAK

COMPRESSION RATIO = 2:1 DELIVERY CAPACITY = 95 l/min



## Art. 021-0902-DPO

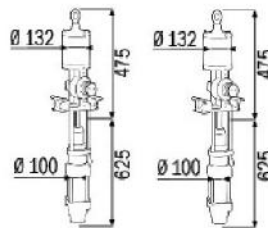
Double-acting air-operated industrial pump for oil, lubricants and similar HIGH DELIVERY ratio=2:1 Delivery capacity 95 l/min Mod. 0902D break For wall-fixing or fixed positions. Polyurethane seals

## Art. 021-0902-DVO

Double-acting air-operated industrial pump for industrial and chemical fluids HIGH DELIVERY ratio=2:1 Delivery capacity 95 l/min Mod. 0902D break For wall-fixing or fixed positions. Viton seals

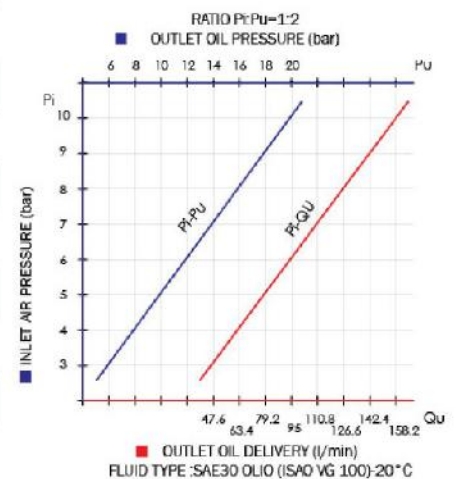


OIL DISTRIBUTION



021-0902-DPO	47,000	0,050	1
021-0902-DVO	47,000	0,050	1

TECHNICAL DATA		021-0902-DPO	021-0902-DVO
Compression ratio		2:1	2:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m³/min	1,75	1,75
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	F 1,1/2" G	F 1,1/2" G
Fluid delivery cap. at 6 bar	l/min	95	95
Noise	dB	80	80
Shank diameter	mm	100	100
Shank length	mm	Modular F 2"	Modular F 2"



Automatic engine body and shank kit are divided in order to avoid that the fluid enter directly in contact with device body.

These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure, suitable for transfer of industrial and chemical fluids. The delivery capacity of a pump varies according to particular applications and combinations.

The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.

To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.



# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.1203D HIGH DELIVERY BREAK

COMPRESSION RATIO = 3:1 DELIVERY CAPACITY = 100 l/min

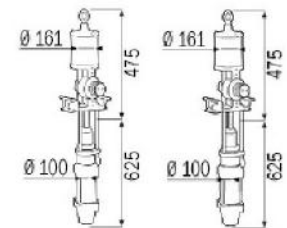


## Art. 021-1203-DP0

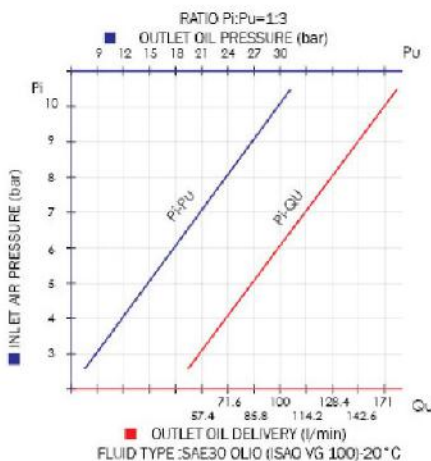
Double-acting air-operated industrial pump for oil, lubricants and similar HIGH DELIVERY ratio=3:1 Delivery capacity 100 l/min Mod. 1203D break For wall-fixing or fixed positions. Polyurethane seals

## Art. 021-1203-DV0

Double-acting air-operated industrial pump for industrial and chemical fluids HIGH DELIVERY ratio=3:1 Delivery capacity 100 l/min Mod. 1203D break For wall-fixing or fixed positions. Viton seals



021-1203-DP0	48,000	0,050	1
021-1203-DV0	48,000	0,050	1



TECHNICAL DATA	021-1203-DP0	021-1203-DV0
Compression ratio	3:1	3:1
Working pressure	bar	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	2,90
Air inlet connection	BSP	F 1/2" G
Fluid outlet connection	BSP	F 1.1/2" G
Fluid delivery cap. at 6 bar	l/min	100
Noise	dB	80
Shank diameter	mm	100
Shank length	mm	Modular F 2"
		Modular F 2"

Automatic engine body and shank kit are divided in order to avoid that the fluid enter directly in contact with device body.

These pumps are advised for the transfer of low-high viscosity of and similar for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure. The delivery capacity of a pump varies according to particular applications and combinations.

The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.

To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.



# FRAME LIFTER-PRESS TO FIT PUMPS FOR LUBRICANTS AND SIMILAR



## Art. 012-1200-030

Frame lifter and press  
equipped with follower plate for pumps with shank  $\varnothing$  30 mm

## Art. 012-1200-042

Frame lifter and press  
equipped with follower plate for pumps with shank  $\varnothing$  42 mm

## Art. 012-1200-050

Frame lifter and press  
equipped with follower plate for pumps with shank  $\varnothing$  50 mm

## Art. 012-1200-200

Frame lifter and press  
equipped with follower plate for pumps with shank F2" G



012-1200-045



Maximum height	Minimum height	Maximum pressure	Pushing power	For barrels	Viscosity
2802 mm	1802 mm	8 bar	4 bar - 450 kg 6 bar - 650 kg 8 bar - 870 kg	180 - 220 kg	200 - 500 ASTM (25 °C)

012-1200-030	210,000	1,86	1
012-1200-042	210,000	1,86	1
012-1200-050	210,000	1,86	1
012-1200-200	210,000	1,86	1

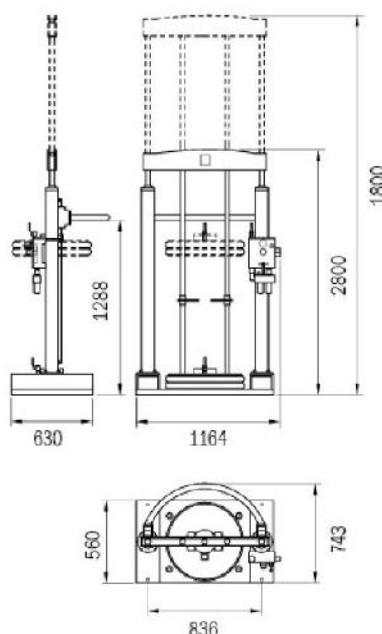
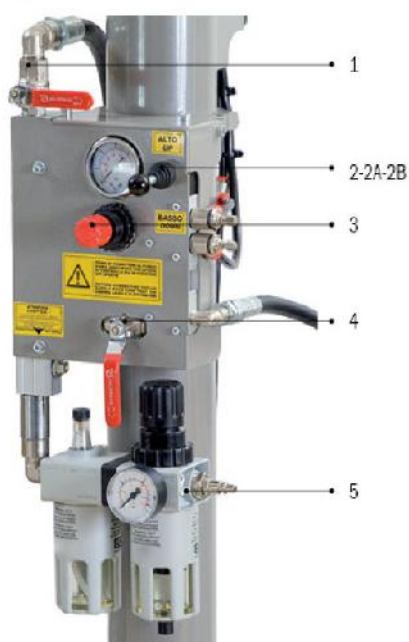
### Air operated two columns pumps lifter and press for lubricants and viscous medias

With its particular 3 ways control valve it lifts or pull down the pump and the follower plate, improving the exchanging effort of 180-220kg (400 lbs) barrels.

It is particularly advised for the use with high viscosity lubricants and medias (from 200CPS to 500CPS).

The follower plate is pushed down by the pressurised pneumatic cylinders, avoiding grease flow interruptions by air pockets in the grease bed.

Moreover, it allows to collect all the product from the inner walls down to the bottom of the drum, Pump suction is assisted



- 1 Cock feeding pump air
- 2 Off position
- 2A Lifting position up pump and follower plate
- 2B Acting position down press-fluid
- 3 Pressure regulator with manometer for feeding lifter air
- 4 Cock feeding air lifter follower plate
- 5 Inlet feeding general air into filter end lubricator

## COMPLETE KIT PUMP FRAME LIFTER-PRESS FOR LUBRICANTS AND SIMILAR LOW AND HIGH VISCOSITY



022-1403-000

### Art. 022-1403-000

Kit pump frame lifter and press for lubricants for barrels 180-220 kg  
Delivery 100 l/min

Composed by:

Art.012-1200-200 Pump frame lifter and press 2 columns + follower plate

Art.021-1203-DP0 Industrial air operated break pump ratio=3:1

Art.902-0302-010 Rubber hose R6 3/8" F-F 3/8" 1 M length

Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length

### Art. 022-1408-000

Kit pump frame lifter and press for lubricants for barrels 180-220 kg  
Delivery 35 l/min

Composed by:

Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate

Art.021-0908-094 Industrial air operated break pump ratio=8:1

Art.902-0302-010 Rubber hose R6 3/8" F-F 3/8" 1 M length

Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length



022-1414-000

### Art. 022-1414-000

Kit pump frame lifter and press for lubricants for barrels 180-220 kg  
Delivery 30 l/min

Composed by:

Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate

Art.021-1214-094 Industrial air operated pump ratio=14:1

Art.902-0302-010 Rubber hose R6 3/8" F-F 3/8" 1 M length

Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length

### Art. 022-1420-000

Kit pump frame lifter and press for lubricants for barrels 180-220 kg  
Delivery 24 l/min

Composed by:

Art.012-1200-042 Pump frame lifter and press 2 columns + follower plate

Art.021-1220-094 Industrial air operated pump ratio=20:1

Art.902-0302-010 Rubber hose R6 3/8" F-F 3/8" 1 M length

Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length



022-1403-000	258,000	1.92	2
022-1408-000	226,000	1.93	2
022-1414-000	227,000	1.93	2
022-1420-000	226,000	1.93	2