

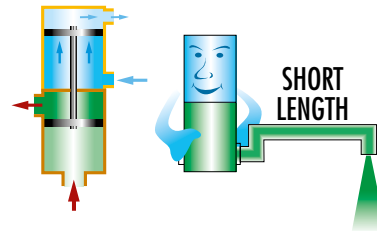
OIL pumps



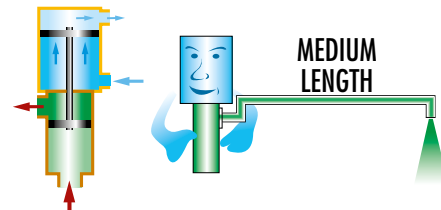
Technology, efficiency and reliability

ECODORA manufactures a wide range of pumps that are (among the) leaders in the market. Innovative design combined with high quality materials guarantee high returns of capacity and pressure. There are three families of pumps offered by ECODORA

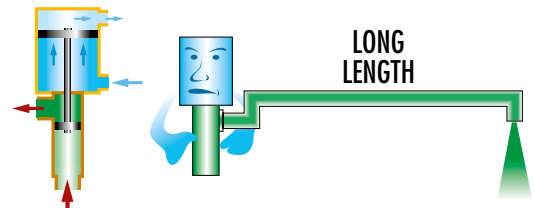
- 1**
- Pumps with ratio 1:1
 - Have low head (power) but high capacity
 - Transfers of low/medium-viscosity fluids



- 2**
- Pumps with ratio 3:1 - 5:1
 - Have medium head (power) and medium capacity
 - Delivery of medium/high-viscosity fluids



- 3**
- Pumps with ratio 7:1 - 9:1 - 11:1 - 12:1
 - Have high head (power) and high capacity
 - Dispensing of medium/high-viscosity fluids



TYPE OF INSTALLATIONS	MODULAR	CUSTOMISABLE 1"	FOR DRUM	FOR TANK

Ratio 1:1
Flow rate 35 l/min



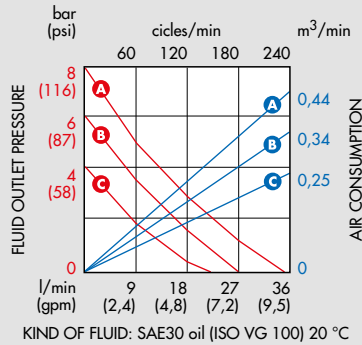
P/N OE26090

P/N OE26094

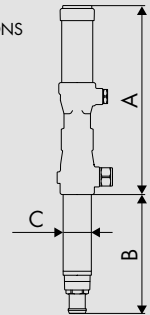
AIR-OPERATED PUMPS FOR TRANSFER OIL AND SIMILAR S. 500

P/N	OE26090	OE26091	OE26093	OE26094
Seals	VITON			
Compatible fluids	Oil, lubricants and similar			
Suction tube upper body	Aluminium			
Suction tube	Carbon steel			
Air inlet connection	F1/4"G	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F3/4"G	F3/4"G	F3/4"G	F3/4"G
Air working pressure	bar	6 - 8	6 - 8	6 - 8
Average air consumption	l/min	250	250	250
Noise level	dB	81	81	81
Max deliverable oil viscosity	SAE	80	80	80
Bung adaptor	-	OE38051	OE38051	OE38051
Suitable for drums or tank	modular	customisable 1"	for drums 50 - 60 Kg	for drums 180 - 220 Kg
Packing	No.- m ³	1 - 0,010	1 - 0,010	1 - 0,020
Weight	Kg	5,5	6,0	7,2
Dimensions (A x B x C)	mm	332 - 208 - 50	332 - 168 - 50	332 - 740 - 50

PUMP AIR FEEDING PRESSURE
A 8 bar (116 psi)
B 6 bar (87 psi)
C 4 bar (58 psi)



OVERALL DIMENSIONS



Ratio 1:1
Flow rate 23 l/min



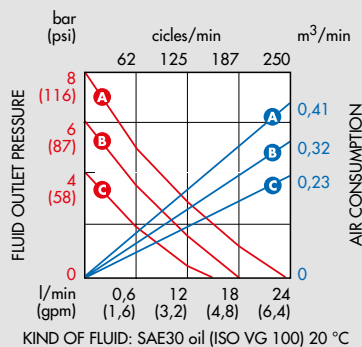
P/N OE33060

P/N OE33096

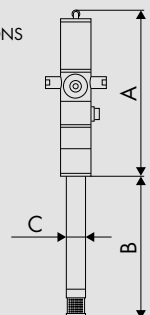
AIR-OPERATED PUMPS FOR TRANSFER OIL AND SIMILAR S. 600

P/N	OE33060	OE33094	OE33096
Seals	TEFLON		
Compatible fluids	Oil, lubricants and similar		
Suction tube upper body	Aluminium		
Suction tube	Carbon steel		
Air inlet connection	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G	F1/2"G
Air working pressure	bar	6 - 8	6 - 8
Average air consumption	l/min	230	230
Noise level	dB	81	81
Max deliverable oil viscosity	SAE	80	80
Bung adaptor	-	-	OE38042 standard
Suitable for drums or tank	modular	for drums 180 - 220 Kg	for drums 180 - 220 Kg
Packing	No.- m ³	1 - 0,006	1 - 0,020
Weight	Kg	4,3	6,3
Dimensions (A x B x C)	mm	355 - 0 - 0	355 - 940 - 42

PUMP AIR FEEDING PRESSURE
A 8 bar (116 psi)
B 6 bar (87 psi)
C 4 bar (58 psi)



OVERALL DIMENSIONS



Ratio 1:1
Flow rate 23 l/min

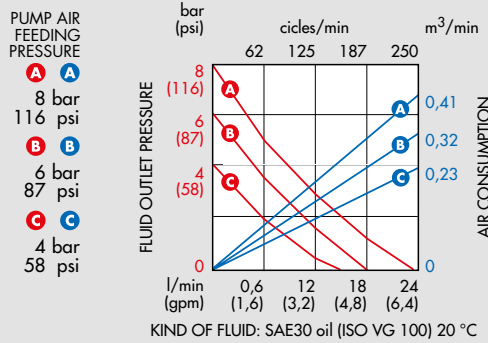


P/N OE33070

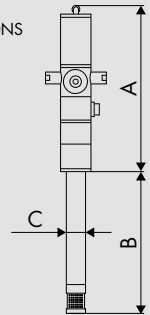
P/N OE33073

AIR-OPERATED PUMPS FOR TRANSFER OIL AND SIMILAR S. 600

P/N	OE33070	OE33071	OE33072	OE33073
Seals	VITON			
Compatible fluids	Oil, lubricants and similar			
Suction tube upper body	Aluminium			
Suction tube	Carbon steel			
Air inlet connection	F1/4"G	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G	F1/2"G	F1/2"G
Air working pressure	bar	6 - 8	6 - 8	6 - 8
Average air consumption	l/min	230	230	230
Noise level	dB	81	81	81
Max deliverable oil viscosity	SAE	80	80	80
Bung adaptor	-	OE38042	-	OE38042
Suitable for drums or tank	modular	customisable 1"	for drums 180 - 220 Kg	for drums 180 - 220 Kg
Packing	No. - m ³	1 - 0,006	1 - 0,006	1 - 0,020
Weight	Kg	4,3	5	6,2
Dimensions (A x B x C)	mm	355 - 0 - 0	355 - 220 - 42	355 - 940 - 42



OVERALL DIMENSIONS



Ratio 1:1
Flow rate 40 l/min

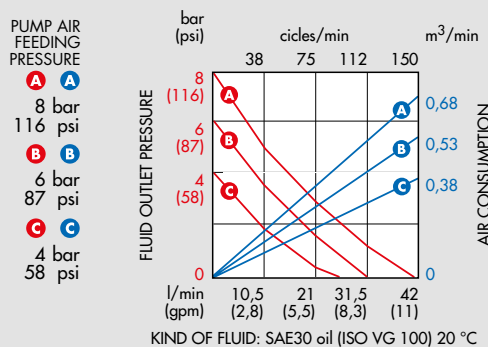


P/N OE33170

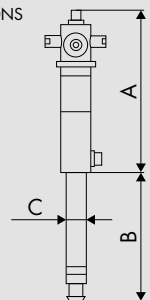
P/N OE33173

AIR-OPERATED PUMPS FOR TRANSFER OIL AND SIMILAR S. 650

P/N	OE33170	OE33171	OE33172	OE33173
Seals	VITON			
Compatible fluids	Oil, lubricants and similar			
Suction tube upper body	Aluminium			
Suction tube	Carbon steel			
Air inlet connection	F1/4"G	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F3/4"G	F3/4"G	F3/4"G	F3/4"G
Air working pressure	bar	6 - 8	6 - 8	6 - 8
Average air consumption	l/min	370	370	370
Noise level	dB	81	81	81
Max deliverable oil viscosity	SAE	130	130	130
Bung adaptor	-	OE38042	-	OE38042
Suitable for drums or tank	modular	customisable 1"	for drums 180 - 220 Kg	for drums 180 - 220 Kg
Packing	No. - m ³	1 - 0,010	1 - 0,010	1 - 0,020
Weight	Kg	5,3	6	7,3
Dimensions (A x B x C)	mm	505 - 0 - 0	505 - 245 - 42	505 - 940 - 42



OVERALL DIMENSIONS



Ratio 3:1
Flow rate 20 l/min



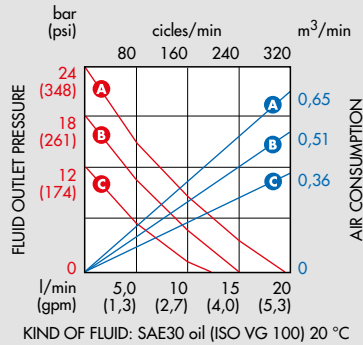
P/N OE35060

P/N OE35094

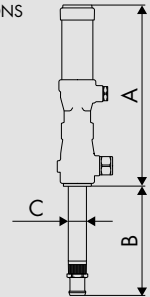
AIR-OPERATED PUMPS FOR OIL AND SIMILAR S. 500

P/N	OE35060	OE35061	OE35076	OE35094
Seals	VITON			
Compatible fluids	Oil, lubricants and similar			
Suction tube upper body	Aluminium			
Suction tube	Carbon steel			
Air inlet connection	F1/4"G	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G	F1/2"G	F1/2"G
Air working pressure bar	4 - 8	4 - 8	4 - 8	4 - 8
Average air consumption l/min	350	350	350	350
Noise level dB	81	81	81	81
Max deliverable oil viscosity SAE	130	130	130	130
Bung adaptor	-	OE38046	OE38046	OE38046
Suitable for drums or tank	modular	customisable 1"	for drums 50 - 60 Kg	for drums 180 - 220 Kg
Packing No.-m ³	1 - 0,01	1 - 0,01	1 - 0,01	1 - 0,01
Weight Kg	5,35	5,8	5,8	6,5
Dimensions (A x B x C) mm	332 - 200 - 32	332 - 185 - 32	332 - 740 - 32	332 - 940 - 32

PUMP AIR FEEDING PRESSURE
A 8 bar (116 psi)
B 6 bar (87 psi)
C 4 bar (58 psi)



OVERALL DIMENSIONS



Ratio 3:1
Flow rate 14 l/min



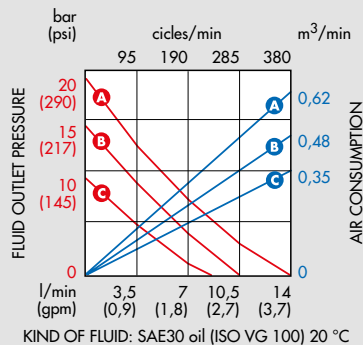
P/N OE35160

P/N OE35196

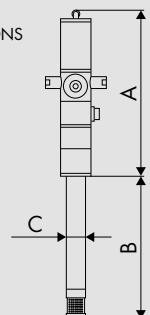
AIR-OPERATED PUMPS FOR OIL AND SIMILAR S. 600

P/N	OE35160	OE35161	OE35163	OE35173	OE35194
P/N				OE35176	OE35196
Seals	NBR				
Compatible fluids	Oil, lubricants and similar				
Suction tube upper body	Aluminium				
Suction tube	Carbon steel				
Air inlet connection	F1/4"G	F1/4"G	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G	F1/2"G	F1/2"G	F1/2"G
Air working pressure bar	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Average air consumption l/min	330	330	330	330	330
Noise level dB	81	81	81	81	81
Max deliverable oil viscosity SAE	130	130	130	130	130
Bung adaptor	-	OE38042	OE38042	standard on OE35176	standard on OE35196
Suitable for drums or tank	modular	customisable 1"	tank	for drums 50 - 60 Kg	for drums 180 - 220 Kg
Packing No.-m ³	1 - 0,01	1 - 0,01	1 - 0,02	1 - 0,020	1 - 0,020
Weight Kg	4,4	5,0	6,8	5,8	6,5
Dimensions (A x B x C) mm	285-285-42	285-220-42	285-125-42	285-740-42	285-940-42

PUMP AIR FEEDING PRESSURE
A 8 bar (116 psi)
B 6 bar (87 psi)
C 4 bar (58 psi)



OVERALL DIMENSIONS



Ratio 5:1
Flow rate 18 l/min



P/N OE36060

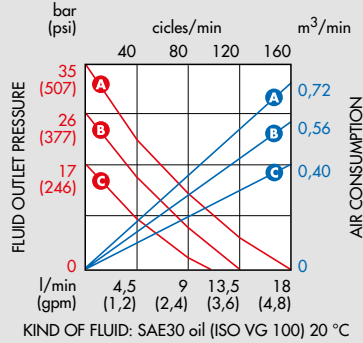
P/N OE36096

AIR-OPERATED PUMPS FOR OIL AND SIMILAR S. 650

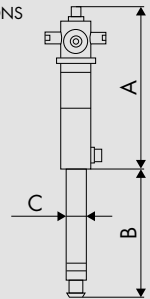
P/N	OE36060	OE36061	OE36063	OE36073	OE36094
P/N				OE36076	OE36096
Seals	NBR				
Compatible fluids	Medium/high-viscosity oil				
Suction tube upper body	Aluminium				
Suction tube	Carbon steel				
Air inlet connection	F1/4"G	F1/4"G	F1/4"G	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G	F1/2"G	F1/2"G	F1/2"G
Air working pressure bar	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Average air consumption l/min	350	350	350	350	350
Noise level dB	81	81	81	81	81
Max deliverable oil viscosity SAE	240	240	240	240	240
Bung adaptor	-	OE38042	OE38042	standard on OE36076	standard on OE36096
Suitable for drums or tank	modular	customisable 1"	tank	for drums 50 - 60 Kg	for drums 180 - 220 Kg
Packing No.-m ³	1 - 0,01	1 - 0,01	1 - 0,02	1 - 0,02	1 - 0,02
Weight Kg	4,7	5,2	7,2	6,2	6,8
Dimensions (A x B x C) mm	345-270-42	345-270-42	345-125-42	345-740-42	345-940-42

PUMP AIR FEEDING PRESSURE

A	A
8 bar	116 psi
B	B
6 bar	87 psi
C	C
4 bar	58 psi



OVERALL DIMENSIONS



ADVANTAGES OF DOUBLE-ACTION

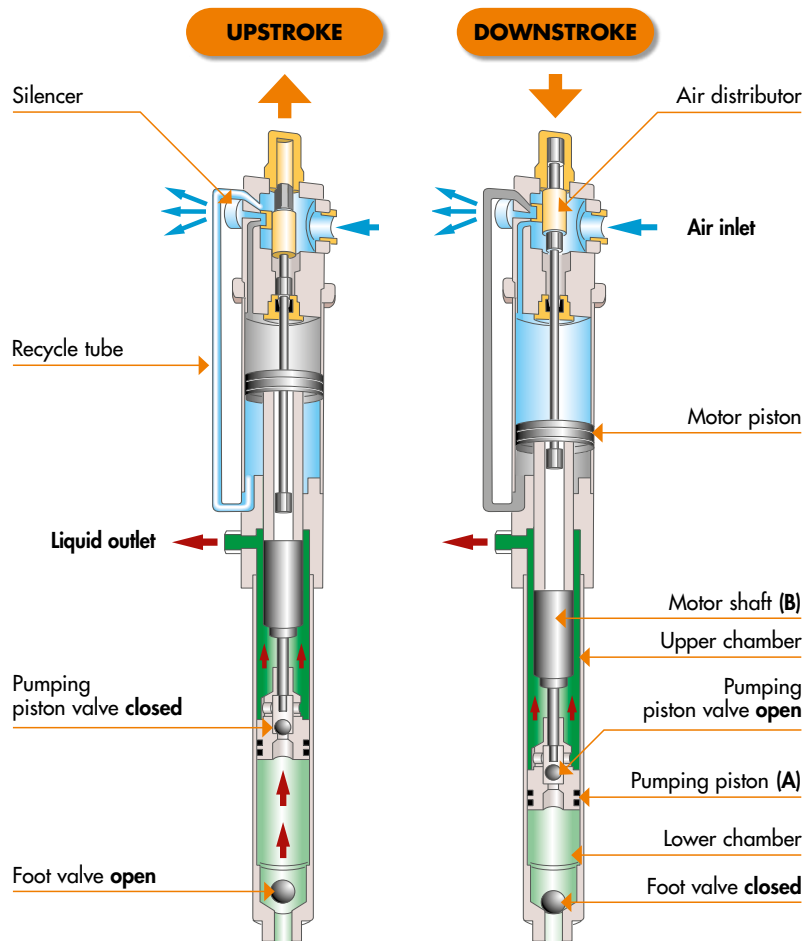
There are many technical solutions for obtaining a reciprocating double-acting pump.

The double-action of ECODORA pumps is obtained with solutions that have simplified the pump mechanism itself, ensuring that delivery of the fluid in both alternating movements (upstroke and downstroke) of the pump occurs only through the difference in volume between the diameters of the pumping piston (A) and the pump shaft (B).

On the **upstroke**, delivery is caused by the **pumping piston (A)**.

On the **downstroke** it is caused by the difference in **volume between the diameter of the motor shaft (B) and the diameter of the pumping piston (A)**.

In addition to guaranteeing regular delivery of the fluid, this solution offers the further advantage of having fewer parts inside the pump. This means less wear plus greater and longer reliability.



Ratio 1:1
Flow rate 30 l/min



P/N OE33360

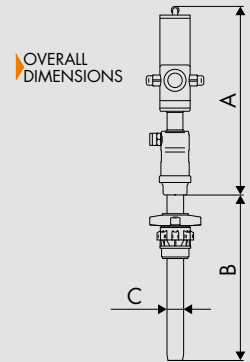
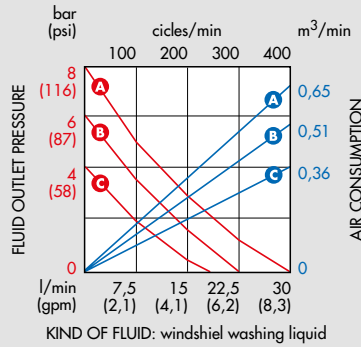
P/N OE33396

S/STEEL AISI 304 PUMPS FOR TRANSFER ANTIFREEZE LIQUID, WINDSHIELD WASHING LIQUID S. 600

P/N	OE33360	OE33396
Seals	VITON	
Compatible fluids	Suitable for antifreeze and windshield washing liquid	
Suction tube upper body	Stainless steel AISI 304	
Suction tube	Stainless steel AISI 304	
Air inlet connection	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G
Air working pressure	bar	6 - 8
Average air consumption	l/min	370
Noise level	dB	81
Max deliverable oil viscosity	SAE	50
Bung adaptor	-	OE33434
Suitable for drums or tank	modular	for drums 180 - 220 Kg
Packing	No. - m ³	1 - 0,10
Weight	Kg	5,3
Dimensions (A x B x C)	mm	410 - 0 - 0

PUMP AIR FEEDING PRESSURE

- A** 8 bar (116 psi)
- B** 6 bar (87 psi)
- C** 4 bar (58 psi)



Ratio 1:1
Flow rate 30 l/min



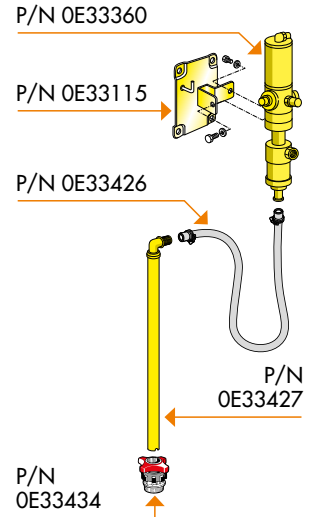
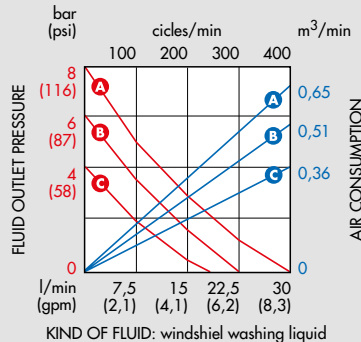
P/N OE33300

S/STEEL AISI 304 MODULAR PUMPS FOR TRANSFER ANTIFREEZE LIQUID, WINDSHIELD WASHING LIQUID S. 600

P/N	OE33300	OE33301
Seals	VITON	
Compatible fluids	Suitable for antifreeze and windshield washing liquid	
Suction tube upper body	Stainless steel AISI 304	
Suction tube	Stainless steel AISI 304	
Air inlet connection	F1/4"G	F1/4"G
Fluid outlet connection	F1/2"G	F1/2"G
Air working pressure	bar	6 - 8
Average air consumption	l/min	370
Noise level	dB	81
Max deliverable oil viscosity	SAE	50
Bung adaptor	OE33434	OE33434
Suitable for drums or tank	for drums 200 L	for tank 1000 L
Packing	No. - m ³	1 - 0,29
Weight	Kg	11,4
Dimensions (A x B x C)	mm	410 - 940 - 34

PUMP AIR FEEDING PRESSURE

- A** 8 bar (116 psi)
- B** 6 bar (87 psi)
- C** 4 bar (58 psi)



P/N OE33445
Antifreeze and windshield liquid gun in alluminium S. 1/2" 40AN with "Viton" seals



Ex Atex 94/9
II 3 GD c TX

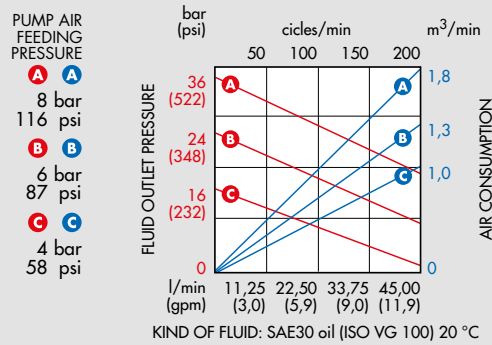
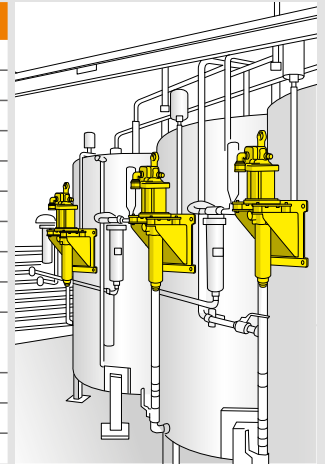
Ratio 5:1
Flow rate 45 l/min



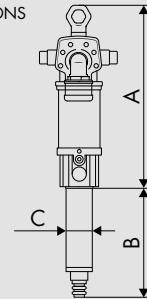
P/N OE90C/51

INDUSTRIAL AIR-OPERATED PUMPS S. 900

P/N	OE90C/51	
Seals	POLYURETHANE	
Compatible fluids	Oil, lubricants and similar	
Suction tube upper body	Aluminium	
Suction tube	Carbon steel	
Air inlet connection	F1/2"G	
Fluid outlet connection	F3/4"G	
Air max pressure	bar	8
Max air consumption 8 bar	m ³ /min	1,6
Noise level	dB	80
Suitable for drums or tank	modular	
Packing	No. - m ³	1 - 0,040
Weight	Kg	12
Dimensions (A x B x C)	mm	430 - 230 - 62



OVERALL DIMENSIONS



Ex Atex 94/9
II 3 GD c TX

Ratio 7:1
Flow rate 30 l/min



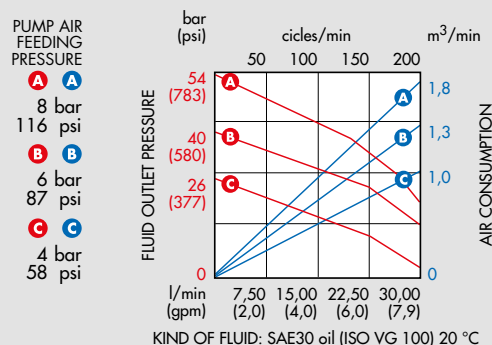
P/N OE92C/71



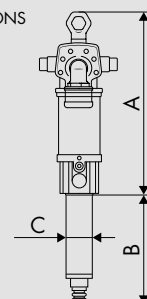
P/N OE90C/71

INDUSTRIAL AIR-OPERATED PUMPS S. 900

P/N	OE90C/71	OE91C/71
Seals	POLYURETHANE	
Compatible fluids	Oil, lubricants and similar	
Suction tube upper body	Aluminium	
Suction tube	Carbon steel	
Air inlet connection	F1/2"G	F1/2"G
Fluid outlet connection	F3/4"G	F3/4"G
Air max pressure	bar	8
Max air consumption 8 bar	m ³ /min	1,6
Noise level	dB	80
Suitable for drums or tank	modular	for drums 180 - 220 Kg
Packing	No. - m ³	1 - 0,040
Weight	Kg	11
Dimensions (A x B x C)	mm	430 - 270 - 53



OVERALL DIMENSIONS



Ex Atex 94/9
II 3 GD c TX

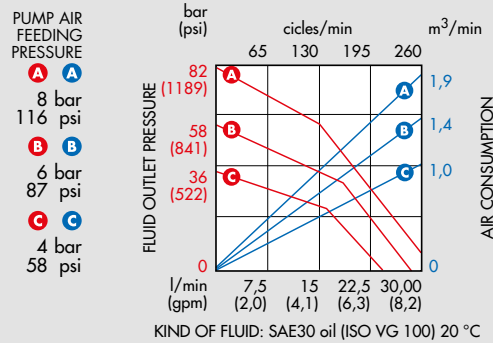
Ratio 11:1
Flow rate 30 l/min



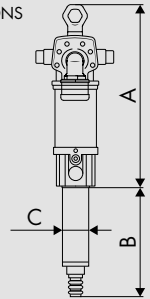
P/N OE90C/111 P/N OE91C/111

INDUSTRIAL AIR-OPERATED PUMPS S. 900

P/N	OE90C/111	OE91C/111
Seals	POLYURETHANE	
Compatible fluids	Oil, lubricants and similar	
Suction tube upper body	Aluminium	
Suction tube	Carbon steel	
Air inlet connection	F1/2"G	F1/2"G
Fluid outlet connection	F3/4"G	F3/4"G
Air max pressure	8 bar	8
Max air consumption 8 bar	1,7 m ³ /min	1,7
Noise level	80 dB	80
Suitable for drums or tank	modular	for drums 180 - 220 Kg
Packing	No. - m ³ 1 - 0,040	1 - 0,070
Weight	Kg 11	16
Dimensions (A x B x C)	mm 430 - 270 - 45	430 - 940 - 45



OVERALL DIMENSIONS



Ex Atex 94/9
II 3 GD c TX

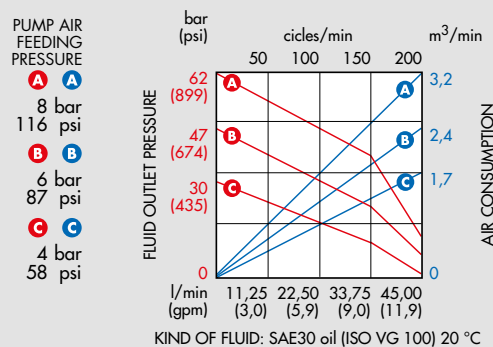
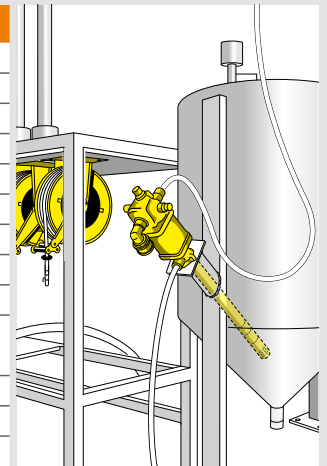
Ratio 9:1
Flow rate 45 l/min



P/N OE115F/91

INDUSTRIAL AIR-OPERATED PUMPS S. 1200

P/N	OE115F/91
Seals	POLYURETHANE
Compatible fluids	Oil, lubricants and similar
Suction tube upper body	Carbon steel
Suction tube	Carbon steel
Air inlet connection	F1/2"G
Fluid outlet connection	F3/4"G
Air max pressure	8 bar
Max air consumption 8 bar	2,8 m ³ /min
Noise level	80 dB
Suitable for drums or tank	modular
Packing	No. - m ³ 1 - 0,040
Weight	Kg 14
Dimensions (A x B x C)	mm 445 - 230 - 62



OVERALL DIMENSIONS

