PASH

Series 312 - 11:1 - 33 lb/min



Series 312 industrial air-operated double-acting pumps suitable for transferring very high viscosity oils and lubricants. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.

Type of seals

Suction tube

Cycles per lb

Suction tube upper body

Air inlet connection

Fluid outlet connection

Max. deliverable grease viscosity

Max. air consumption 120 psi

Suction tube external diameter

Air working pressure Noise level

Suction tube length

Type of installations

Packaging - Weight







P/N 90C/111-55

polyurethane

carbon steel

1/2" NPT (f)

3/4" NPT (f) 90 - 120 psi

80 dB

NLGI 2

7.8

55 cfm

10.6"

1.77"

modular

No. 1 1.8 ft³

aluminum - carbon ste

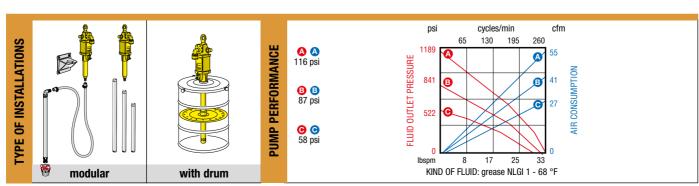
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26	
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P/N 91C/111-55

polyurethane		
aluminum - carbon steel		
carbon steel		
1/2" NPT (f)		
3/4" NPT (f)		
90 - 120 psi		
80 dB		
NLGI 2		
7.8		
55 cfm		
37"		
1.77"		
suitable for drums 400 lb		
⋒ No. 1 3.3 ft³ 🛱 lb 36		

P/N 92C/111-55

polyurethane
aluminum - carbon steel
carbon steel
1/2" NPT (f)
3/4" NPT (f)
90 - 120 psi
80 dB
NLGI 2
7.8
55 cfm
29"
1.77"
suitable for drums 120 lb
₩ No. 1 3.3 ft³ 👸 lb 33



PASH

Series 312 - 11:1 - 33 lb/min



Series 312 industrial air-operated double-acting pumps suitable for transferring very high viscosity oils and grease. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.



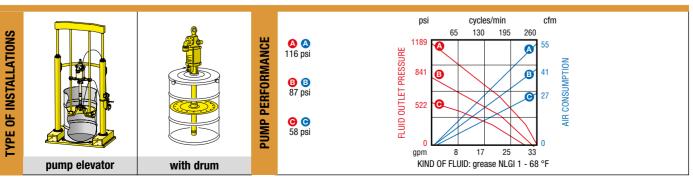


P/N 90F/111-55

Type of seals	polyurethane	
Suction tube upper body	aluminum - carbon steel	
Suction tube	carbon steel	
Air inlet connection	1/2" NPT (f)	
Fluid outlet connection	3/4" NPT (f)	
Air working pressure	90 - 120 psi	
Noise level	80 dB	
Max. deliverable grease viscosity	NLGI 2	
Cycles per lb	7.8	
Max. air consumption 120 psi	55 cfm	
Suction tube length	19"	
Suction tube external diameter	1.77"	
Type of installations	pump elevator	
Packaging - Weight	⋛ No. 1 1.58 ft³ 🔓 lb 29	

P/N 91F/111-55

polyurethane	
aluminum - carbon steel	
carbon steel	
1/2" NPT (f)	
3/4" NPT (f)	
90 - 120 psi	
80 dB	
NLGI 2	
7.8	
55 cfm	
37"	
1.77"	
suitable for drums 400 lb	
1 No. 1 2.47 ft³	



Series 412 - 18:1 - 42 lb/min





Particularly effective in systems equipped with multiple distribution

points.





P/N 115F/181-55

Type of seals	polyurethane	
Suction tube upper body	carbon steel	
Suction tube	carbon steel	
Air inlet connection	1/2" NPT (f)	
Fluid outlet connection	3/4" NPT (f)	
Air max. pressure	120 psi	
Noise level	80 dB	
Max. deliverable grease viscosity	NLGI 2	
Cycles per Ib	4.8	
Max. air consumption 120 psi	102 cfm	
Suction tube length	19"	
Suction tube external diameter	1.77"	
Type of installations	pump elevator	
Packaging - Weight	№ No. 1 1.58 ft ³	

P/N 116F/181-55

polyurethane	
carbon steel	
carbon steel	
1/2" NPT (f)	
3/4" NPT (f)	
120 psi	
80 dB	
NLGI 2	
4.8	
102 cfm	
37"	
1.77"	
suitable for drums 400 lb	
ୖ Ø No. 1 2.47 ft³ 👸 lb 40	



Series 312 - 45:1 - 9.7 lb/min



Series 312 industrial air-operated double-acting pumps suitable for transferring very high viscosity grease up to NLGI 3. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.









P/N 90F/451-55

P/N 90FSP/451-55

P/N	91	F/45	51-55

carbon steel

polyurethane
carbon steel
carbon steel
1/2" NPT (f)
1/2" NPT (f)
90 - 120 psi
80 dB
NLGI 3
20
63 cfm
29"

1.77" for drums 120 lb No. 1 2.47 ft³ 🔓 lb 40

P/N 92F/451-55

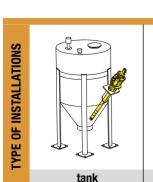
Type of seals	polyurethane	
Suction tube upper body	carbon steel	
Suction tube	carbon steel	
Air inlet connection	1/2" NPT (f)	
Fluid outlet connection	1/2" NPT (f)	
Air working pressure	90 - 120 psi	
Noise level	80 dB	
Max. deliverable grease viscosity *	NLGI 3	
Cycles per Ib	20	
Max. air consumption 120 psi	63 cfm	
Suction tube length	19.7"	
Suction tube external diameter	1.77"	
Type of installations	tank	
Packaging - Weight	₩ No. 1 1.58 ft³ 🕆 lb 35	

* At minimum working temperature of 59 °F

polyurethane		
carbon steel		
carbon steel		
1/2" NPT (f)		
1/2" NPT (f)		
90 - 120 psi		
80 dB		
NLGI 3		
20		
63 cfm		
19.7"		
1.77"		
pump elevator		
₩ No. 1 1.58 ft³ 👸 lb 35		

Carbon Steel						
1/2" NPT (f)						
1/2" NPT (f)						
90 - 120 psi						
80 dB						
NLGI 3						
20						
63 cfm						
37"						
1.77"						
for drums 400 lb						
No. 1 2.47 ft³ 🖁 lb 42						

	psi cycles/min cfm
PUMP PERFORMANCE	4785 50 100 150 200 63 116 psi 200 3625 3625 3 46 46 46
PERFO	116 psi 3625 3
PUMP	S8 psi 2,42 4,84 7,26 9,68
	KIND OF FLUID: grease NLGI 1 - 68 °F







Series 312 - 70:1 - 6.6 lb/min



Series 312 industrial air-operated double-acting pumps suitable for transferring very high viscosity grease up to NLGI 3. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.



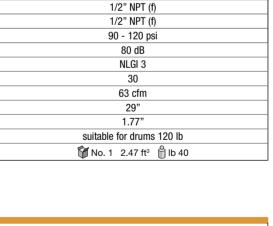


P/N 9

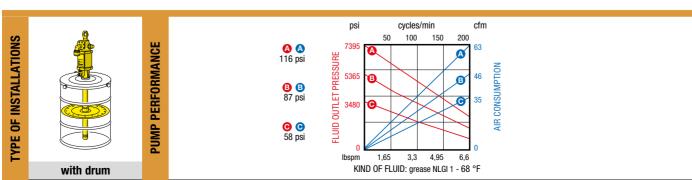
91C/701-55	P/N 92C/701-55
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Type of seals	polyurethane
Suction tube upper body	carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air max. pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity *	NLGI 3
Cycles per Ib	30
Max. air consumption 120 psi	63 cfm
Suction tube length	37"
Suction tube external diameter	1.77"
Type of installations	suitable for drums 400 lb
Packaging - Weight	⋛ No. 1 2.47 ft³ 🔓 lb 42

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* At minimum	working	temperature	of 59 °	۶F



polyurethane carbon steel carbon steel



Series 412 - 75:1 - 9.7 lb/min



Series 412 industrial air-operated double-acting pumps suitable for transferring very high viscosity grease. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.









polyurethane

carbon steel

carbon steel

1/2" NPT (f)

1/2" NPT (f) 90 - 120 psi

80 dB

NLGI 3

20.5

113 cfm

19.7"

1.77"

tank

No. 1 1.6 ft³

₩ Ib 35

P/N 115FSP/751-5

polyurethane				
	carbon steel			
	carbon steel			
	1/2" NPT (f)			
	1/2" NPT (f)			
	90 - 120 psi			
	80 dB			
	NLGI 3			
	20.5			
	113 cfm			
	37"			
	1.77"			

suitable for drums 400 lb

No. 1 2.47 ft³ hb 46

P/N 116F/751-55

polyurethane
carbon steel
carbon steel
1/2" NPT (f)
1/2" NPT (f)
90 - 120 psi
80 dB
NLGI 3
20.5
113 cfm
29"
1.77"
suitable for drums 120 lb
M No. 1 2.47 ft³

P/N 117F/751-55

|--|

	polyurethane				
	carbon steel				
	carbon steel				
	1/2" NPT (f)				
	1/2" NPT (f)				
90 - 120 psi					
	80 dB				
	NLGI 3				
	20.5				
113 cfm					
	19.7"				
	1.77"				
	pump elevator				
	No. 1 1.6 ft³ 👸 lb 35				

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*	۸ŧ	minimum	working	tomnoraturo	of 50 °F

Type of seals

Suction tube

Cycles per lb

Suction tube upper body

Air inlet connection

Fluid outlet connection

Max. deliverable grease viscosity

Max. air consumption 120 psi

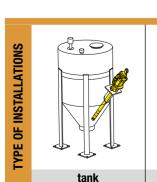
Suction tube external diameter

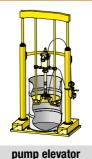
Air working pressure Noise level

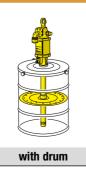
Suction tube length

Type of installations

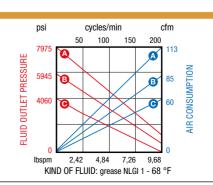
Packaging - Weight











Series 412 - 40:1 - 22 lb/min





Series 412 industrial air-operated double-acting pumps suitable for transferring very high viscosity grease. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.







P/N 115F/401-55

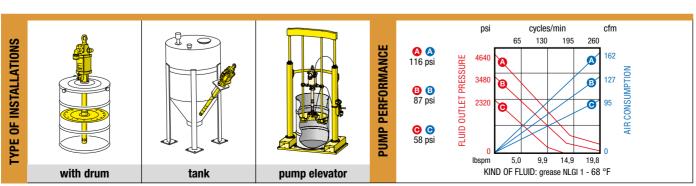
Type of seals	polyurethane
Suction tube upper body	aluminum - carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity *	NLGI 3
Cycles per lb	12
Max. air consumption 120 psi	162 cfm
Suction tube length	29"
Suction tube external diameter	2"
Type of installations	suitable for drums 120 lb
Packaging - Weight	№ No. 1 3.2 ft³ 👸 lb 50

 $^{^{\}star}$ At minimum working temperature of 59 $^{\circ}\text{F}$

P/N 118F/401-55

P/N	118FSP/401-55	
1 / 11	110101/401 00	

polyurethane		
aluminum - carbon steel		
carbon steel		
1/2" NPT (f)		
1/2" NPT (f)		
90 - 120 psi		
80 dB		
NLGI 3		
12		
162 cfm		
23.6"		
2"		
pump elevator		
資 No. 1 3.2 ft³ 👸 lb 46		



PIASH

Series 412 - 40:1 - 22 lb/min



Series 412 industrial air-operated double-acting pumps suitable for transferring very high viscosity grease. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.





P/N 116F/401-55

Type of seals	polyurethane
Suction tube upper body	aluminum - carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity *	NLGI 3
Cycles per lb	12
Max. air consumption 120 psi	162 cfm
Suction tube length	37"
Suction tube external diameter	2"
Type of installations	suitable for drums 400 lb
Packaging - Weight	₩ No. 1 3.2 ft³ 👸 lb 55

P/N 117F/401-55

polyurethane		
aluminum - carbon steel		
carbon steel		
1/2" NPT (f)		
1/2" NPT (f)		
90 - 120 psi		
80 dB		
NLGI 3		
12		
162 cfm		
33.8"		
2"		
tank		
№ No. 1 3.2 ft³ 👸 lb 52		

 $^{^{\}star}$ At minimum working temperature of 59° F

