

AF0411 Series Pumps

11:1 Ratio, 4-1/4" Air Motor, 2-Ball Lower End



Spray



Transfer and Supply



Extrusion

Materials

Oils Paint Coatings Chemicals



2-Ball Lower End Style

- Excellent for low- to medium-viscosity materials up to 100,000 cPs.
- Fluid delivery up to 18.1 gpm (68.6 L/min)

Pump Specifications

Ratio	11:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2 - 10.3)
Fluid Pressure Range psi (bar)	330 - 1747 (23 - 120)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	14.5 (237.6)
Cycles/gal (L)	15.9 (4.2)
Flow @ 60 Cycles gpm (L/min)	3.7 (14.0)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	42.9 (19.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/ Tungsten Carbide Seat					
AF0411G11FF47	17-4 Stainless w/Hard Chrome	UHMW-PE	UHMW-PE	66300-C43	637305-C43
AF0411G11KK47	17-4 Stainless w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66300-343	637305-343
AF0411G11KK48	17-4 Stainless, Ceramic Coated	Glass Filled PTFE	Glass Filled PTFE	66300-34B	637305-343
AF0411G11HH47	17-4 Stainless w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66300-G43	637305-G43
AF0411G11GF47	17-4 Stainless w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66300-P43	637305-P43
AF0411G11RK47	17-4 Stainless w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66300-R43	637305-R43
AF0411G11FF48	17-4 Stainless, Ceramic Coated	UHMW-PE	UHMW-PE	66300-C4B	637305-C43

**Add "-1" to Model No. for Ball Valve Regulator

RECOMMENDED ACCESSORIES



67445-1
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



67136
Floor/Follower Plate Adapter



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

¹For models without ball valve regulator subtract 2.08 in (52.83 mm)

11:1 Ratio Pump Packages



TPX Series
Two-Post Ram

5
GALLON

Packages						
Model No.	Package Type	Pump Model	Ram Model	Follower	Follower Description	Material
TP0411G21FF48A72	5 Gallon Two Post Ram	AF0411G11FF48	RM052S-C	67347-2	Single Tube, EPR	Aluminum
TP0411G51GF47AA2	55 Gallon Two Post Ram	AF0411G11GF47	RM552S-C	66516-1	Double Lip, Polyurethane	Aluminum
TP0411G21FF48A82	5 Gallon Two Post Ram	AF0411G11FF48	RM052S-C	67347-1	Single Tube, Buna	Aluminum

RECOMMENDED ACCESSORIES



Extrusion Guns

651533 For low- to medium-viscosity fluids 1/4" NPS (M) inlet
641523-1 Wetted parts are 300 Series SS with PTFE packings



Extrusion Gun Nozzle Kits

66541-6 Orifice .063" (1.63 mm), **66541-9** Orifice .093" (2.36 mm),
66541-2 Orifice .125" (3.17 mm)



Swivel

636085 Straight, 3/8" (M) x 3/8" (F) / fabric with neoprene /
8,000 psi (552 bar) max. working pressure
636088 Z-360°, 3/8" (M) x 3/8" (F) / fabric with neoprene /
8,000 psi (552 bar) max. working pressure
75364 Straight, for use with 651533 gun / 1/4"-18 NPTF to 1/4"-18 NPSM /
10,000 psi (690 bar) max working pressure



Material Filters

1/2" F (2) inlet 1/2" F (1) outlet / 6,000 psi (414 bar) max. / 200 micron
651420-70 for Carbon Steel
651422-70 for Stainless Steel



3/8" Fluid Pressure Regulators

651780-A3A-B Regulated 400 – 1,250 psi (28 – 86 bar) /
3,000 psi (207 bar) max. inlet / stainless steel
651780-B1A-B Regulated 400 – 1,250 psi (28 – 86 bar) /
3,000 psi (207 bar) max. inlet / carbon steel
651780-B1B-B Regulated 1,000 – 3,000 psi (69 – 345 bar) /
6,000 psi (414 bar) max. inlet / carbon steel
651780-B3R-B Regulated 400 – 5,000 psi (28 – 345 bar) /
6,000 psi (414 bar) max. inlet / stainless steel

Other Accessories & Repair Kits

62274	Air Line Oil
96916	Standard Air Motor Muffler
66333-B	Wet-Sol (1 Quart)
66354-1	Stabilizing Bracket
637489	Universal Air Motor Service Kit
637466	5 Gallon Two Post Ram Repair Kit
637491	55 Gallon Two Post Ram Repair Kit (RM552S-X)
67448	Cross Over Kit
67500	Low-Level Cut-Off Kit

ARO

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