



Dimensions inches for aluminum pump (MM)											
A	B	C	D	E	F*	G	I	J	K	L	
6.14" (156 mm)	6.30" (160 mm)	6.57" (167 mm)	4.13" (105 mm)	4.80" (122 mm)	0.31"	5.75" (146 mm)	2.76" (70 mm)	1/2" (F)	5.91" (150 mm)	3/8" (F)	
Dimensions inches for polypropylene pump (MM)											
6.14" (156 mm)	6.30" (160 mm)	7.28" (185 mm)	4.13" (105 mm)	4.80" (122 mm)	0.31"	5.54" (141 mm)	3.27" (84 mm)	1/2" (F)	6.54" (167 mm)	3/8" (F)	

\* Diameter of the holes for fasteners in each of the four pump feet.  
Flange connection: 2 bolts - M 5 (1.61" between centers)

TECHNICAL DATA			
	1120-023A	1120-025A	1120-027
Air inlet	3/8" NPSM(F)	3/8" NPSM(F)	3/8" NPSM(F)
Fluid inlet port	1/2" NPT(F) 1120-023A	1/2" BSPP(F)	1/2" NPT(F)
Fluid outlet port	1/2" NPT(F)	1/2" BSPP(F)	1/2" NPT(F)
Max. Free Flow	15 gal/min (50 l/min)	15 gal/min (50 l/min)	15 gal/min (50 l/min)
Air pressure range	22 to 102 psi (1.5 to 7 bar)	22 to 102 psi (1.5 to 7 bar)	22 to 102 psi (1.5 to 7 bar)
Solids in suspension	1/8" (3 mm)	1/8" (3 mm)	1/8" (3 mm)
Wetted Materials	PTFE (Teflon), Viton <sup>®</sup> , Polypropylene, Stainless Steel, and Hytrel <sup>®</sup>	PTFE (Teflon), Viton <sup>®</sup> , Polypropylene, Stainless Steel, and Hytrel <sup>®</sup>	Aluminum, PTFE, Viton <sup>®</sup> , Polypropylene, Buna-N <sup>®</sup> , and Stainless Steel
Recommended fluids	Anti-freeze (Glycol) and windshield wash solution	Diesel exhaust fluid	Light viscosity fluids, synthetic, mineral oils, anti-freeze, and oil
Recommended Applications	Fluid dispensing and transfer	Fluid dispensing and transfer	Fluid dispensing and transfer
Service Bulletin	SB 1145	SB 1145	SB 1145

\*\* Balcrank does not recommend pumping windshield wash or any other fluid below 100° flash point. Contact Balcrank for additional information.

AIR MOTOR	HOUSINGS			WETTED PARTS		
Central Body & Air Chambers	Fluid Ports / Location Multiport manifolds: central and lateral	Fluid Chambers & Manifolds	Hardware Bolts & Inserts	Valve Seats	Valve Balls	Diaphragms Type & Material
<b>1120-023A</b>						
Polypropylene	N = 1" NPT threaded ports	Polypropylene	Stainless Steel	Polypropylene	Hytrel <sup>®</sup>	Hytrel <sup>®</sup>
<b>1120-027</b>						
Aluminum	NPT threaded ports	Aluminum	Carbon Steel	Aluminum	Hytrel <sup>®</sup>	Hytrel <sup>®</sup>
<b>1120-025A</b>						
Polypropylene	BSPP threaded ports	Polypropylene	Stainless Steel	Polypropylene	Hytrel <sup>®</sup>	Hytrel <sup>®</sup>

**Anti-freeze (Glycol)  
Light viscosity fluids  
Windshield wash  
solution  
Synthetic and  
mineral oils  
DEF  
Used anti-freeze**

CenterFlo pumps can handle a wide range of fluids used for vehicle service.

Typical applications are transferring and dispensing up to 15 gal/min. They can be used as stand-alone pumps for transfer applications or as systems pumps in distribution systems that include hose reels.

**Markets Served**

- Car and truck dealers
- Tire shops
- In-plant transfer
- Quick lubes

**Pressure relief valve kit 3120-232 for this pump is recommended and not included.**

MODELS AVAILABLE	DESCRIPTION
<b>1120-023A</b>	CF15 Polypropylene
<b>1120-027</b>	CF15 Aluminum
<b>1120-025A</b>	CF15 Polypropylene / DEF
<b>3120-232</b>	Pressure Relief for Diaphragm 1/2" NPT

\*\* Balcrank does not recommend pumping windshield wash or any other fluid below 100° flash point. Contact Balcrank for additional information.

