

## Sanitary Drum Pumps

Stainless steel pumps are ideal for food, dairy, cosmetic, and pharmaceutical fluid transfer



**1**  
Motor  
07076-20  
shown with  
tube set  
70603-00

### to build a complete System . . .

Order the following  
components:

- 1** Motor
- 2** Tube set
- 3** Sanitary fittings  
(pages 457-461)

### 1 Motors

**Electric TEFC Motors** are splashproof with a corrosion-resistant epoxy coating that resists caustic fluids. Built-in overload protection switch with manual reset ensures safety.

**Explosion-Proof (XPRF) Electric Motors** are rated for Class 1, Groups C and D hazardous environments and for pumping flammable liquids. Explosion-resistant switch and manual reset enhance safety.

**Air Motors** produce 0 to 900 rpm—ideal for hazardous duty applications or where electricity is not available. Smaller, ½ hp models are fitted with a muffler and include grounding post. Model 07070-70 has a unique trigger valve handle. Press switch for intermittent pumping; lock switch for continuous use.

Air motors 70603-50, 52, and -54 feature variable speed control up to 900 rpm. These cool-running motors will not burn out. They are compact, portable, and operate in any position—ideal for transferring high-viscosity fluids.

### Specifications & Ordering Information



Catalog number	Maximum viscosity	hp	rpm	Power	Shpg wt lb (kg)	Price
<b>Electric TEFC motors</b>						
<a href="#">A-07076-02</a> <a href="#">A-07070-33</a>	800 cp	½	9000	120 VAC, 60 Hz 230 VAC, 50 Hz	14 (6.4)	
<a href="#">A-07076-20</a> <a href="#">A-07076-25</a>	800 cp	¾	9500	120 VAC, 60 Hz 230 VAC, 60 Hz	16 (7.3)	
<a href="#">A-70603-60</a>	50,000 cp	1½	840	230/460 VAC, 60 Hz, 3 phase	58 (27.3)	
<b>Explosion-proof (XPRF) electric motors</b>						
<a href="#">A-07070-40</a> <a href="#">A-07076-15</a>	450 cp 600 cp	½	9000	120 VAC, 60 Hz 230 VAC, 50 Hz	15 (6.8)	
<b>Air motors</b>						
<a href="#">A-07070-60</a>	1200 cp	½	0 to 900	17 cfm at 85 psi	3 (1.4)	
<a href="#">A-07070-70</a>	1200 cp	½	0 to 900	17 cfm at 85 psi with off/on control	4 (1.9)	
<a href="#">A-70603-50</a>	50,000 cp	1½	0 to 900	60 cfm at 100 psi*	11(5.0)	
<a href="#">A-70603-52</a>	100,000 cp	4		110 cfm at 100 psi*	20 (9.1)	
<a href="#">A-70603-54</a>	120,000 cp	5		175 cfm at 100 psi*	32 (14.6)	

\*Rating at 2500 rpm



**2** Centrifugal  
design  
tube set 70603-00

**2** Rotary  
screw design  
tube set 70603-70

**2** Progressive  
cavity design  
tube set 70603-10

**2** Progressive  
cavity design  
tube set 70603-30

### 2 Sanitary Tube Sets

► Completely disassemble, clean, and re-assemble these stainless steel tube sets in 10 minutes or less!

**Centrifugal Tube Sets** are ideal for low-viscosity liquids such as wines, flavorings, perfumes, and sauces. Order a smaller ½-hp motor.

**Rotary Screw Tube Sets** transfer medium consistency liquids such as liquid chocolate, syrup, concentrates, lotions, and shampoos. They require a 1½-hp or larger motor to achieve the maximum flow rate.

**Progressive Cavity Tube Sets** handle thick tomato paste, honey, corn syrup, molasses, juice concentrates, mascara, and gels. Models with a gear reducer operate with smaller ½-hp motors. Models with direct drive produce a greater flow and require a 1½-hp or larger motor to achieve the maximum flow rate.

### Specifications & Ordering Information

Catalog number	Tube length	Max flow	Wetted materials	Price
<b>Centrifugal tube sets</b> for viscosities up to 1200 cp				
<a href="#">A-70603-00</a>	27"	50 GPM	316 SS with Tefzel® impeller and 1½" 316 SS/Tefzel Tri-Clamp® connection	
<a href="#">A-70603-02</a>	39"			
<a href="#">A-70603-04</a>	47"			
<b>Rotary screw tube sets</b> for viscosities up to 20,000 cp				
<a href="#">A-70603-70</a>	27"	10 GPM	316 SS with Teflon® screw, 2" 316 SS/Teflon Tri-Clamp connection, 316 SS/silicone-carbide seal	
<a href="#">A-70603-72</a>	39"			
<a href="#">A-70603-74</a>	47"			
<b>Progressive cavity tube sets with gear reducer</b> for viscosities up to 100,000 cp				
<a href="#">A-70603-10</a>	27"	5 GPM	316 SS with Teflon or food grade Buna N stator, 2" 316 SS/Teflon Tri-Clamp connection, 316 SS/silicone carbide seal	
<a href="#">A-70603-12</a>	39"			
<a href="#">A-70603-14</a>	47"			
<a href="#">A-70603-16</a>	60"			
<a href="#">A-70603-20</a>	27"	8 GPM	316 SS with Teflon or food grade Buna N stator, 2" 316 SS/Teflon Tri-Clamp connection, 316 SS/silicone carbide seal	
<a href="#">A-70603-22</a>	39"			
<a href="#">A-70603-24</a>	47"			
<a href="#">A-70603-26</a>	60"			
<b>Progressive cavity tube sets with direct drive</b> for viscosities up to 100,000 cp				
<a href="#">A-70603-30</a>	27"	5 GPM	316 SS with Teflon or food grade Buna N stator, 2" 316 SS/Teflon Tri-Clamp connection, 316 SS/silicone carbide seal	
<a href="#">A-70603-32</a>	39"			
<a href="#">A-70603-34</a>	47"			
<a href="#">A-70603-36</a>	60"			
<a href="#">A-70603-40</a>	27"	8 GPM	316 SS with Teflon or food grade Buna N stator, 2" 316 SS/Teflon Tri-Clamp connection, 316 SS/silicone carbide seal	
<a href="#">A-70603-42</a>	39"			
<a href="#">A-70603-44</a>	47"			
<a href="#">A-70603-46</a>	60"			