

# Replacement Kits

## MINI BELLOWS PUMPS

### Bellows Module Kits

Proper selection of bellows module and poppet valve replacement kits depends on the X-code of the model number and not on the pump type (ie. single, tandem).



Materials	Bellows Size				
	1/2"	3/4"	1"	1 1/2"	2"
EPT/EPDM	02501-315	02501-356	02501-357	02501-358	02501-359
Hypalon®	02501-313	02501-372	02501-373	02501-374	02501-375
Viton®/ Fluoroelastomer	02501-314	02501-376	02501-377	02501-378	02501-379

### Crank Kits

1. Proper selection of crank replacement kits depends on the position of the module in relation to the motor.
2. Use diagram below the chart to determine the location of the crank being replaced. When proper size and location are decided upon, use crank kits chart to obtain kit number for ordering.



Bellows Size	Chart Location	Kit Part Number
1/2"	1, 3	02501-345
3/4"	1, 3	02501-346
1", 1 1/2" & 2"	1, 3	02501-344
1/2"	2	02501-348
3/4"	2	02501-349
1", 1 1/2" & 2"	2	02501-347

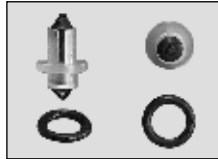
**MOTOR 1**

**MOTOR 2 3**

## MINI BELLOWS PUMPS - REPLACEMENT KITS

### Poppet Valve and O-Ring Kits

The standard elastomers for the poppet valves and O-rings are EPT/EPDM, Hypalon® and Viton®/Fluoroelastomer. These elastomers have historically been able to handle the vast majority of the applications in which we've been involved. However, Butyl, Hydrin, Kel-F®, Silicone and Nitrile can be supplied for chemicals requiring such materials.



1/2" Poppet Kit



3/4", 1", 1 1/2" and 2" Poppet Kit

Materials	3/4" Bellows	1" Bellows	1 1/2" Bellows	2" Bellows
Butyl	02500-604 (X-111)	02500-604 (X-111)	02500-604 (X-111)	—
EPT/EPDM	02500-605 (X-112)	02500-605 (X-112)	02500-605 (X-112)	02500-605 (X-142)
Hydrin	02500-606 (X-113)	02500-606 (X-113)	02500-606 (X-113)	—
Kel-F®	02500-607 (X-114)	02500-607 (X-114)	02500-607 (X-114)	—
Hypalon®	02500-608 (X-115)	02500-608 (X-115)	02500-608 (X-115)	02500-608 (X-145)
Viton®/Fluoroelastomer	02500-609 (X-116)	02500-609 (X-116)	02500-609 (X-116)	02500-609 (X-116)
Silicone	02500-610 (X-118)	02500-610 (X-118)	02500-610 (X-118)	—
Nitrile	02500-611 (X-119)	02500-611 (X-119)	02500-611 (X-119)	—

### Duckbill Valve and O-Ring Kits

Duckbill valves are required in those applications where heavy slurries or fibrous materials are being pumped. Heavy slurries should be flushed from the bellows before the pump is shut down. The standard elastomers are EPT/EPDM, Hypalon, and Viton®/Fluoroelastomer. However, Butyl, Hydrin, Kel-F®, Silicone and Nitrile can be supplied.



1/2" Bellows Kit



3/4", 1", 1 1/2" and 2" Bellows Kit

*(Valve extension required only on suction port.)*

Materials	3/4" Bellows	1" Bellows	1 1/2" Bellows	2" Bellows
Butyl	02500-327 (X-031)	02500-327 (X-031)	02500-327 (X-031)	—
EPT/EPDM	02500-322 (X-032)	02500-322 (X-032)	02500-322 (X-032)	02500-322 (X-152)
Hydrin	02501-528 (X-033)	02501-528 (X-033)	02501-528 (X-033)	02501-528 (X-153)
Kel-F®	02500-355 (X-034)	02500-355 (X-034)	02500-355 (X-034)	02500-355 (X-154)
Hypalon®	02500-325 (X-035)	02500-325 (X-035)	02500-325 (X-035)	02500-325 (X-155)
Viton®/Fluoroelastomer	02500-319 (X-036)	02500-319 (X-036)	02500-319 (X-036)	02500-319 (X-156)
Silicone	02500-324 (X-038)	02500-324 (X-038)	02500-324 (X-038)	02500-324 (X-158)
Nitrile	02500-320 (X-039)	02500-320 (X-039)	02500-320 (X-039)	02500-320 (X-159)

### Tubing Connector Kits

Connectors are made from polypropylene and are designed for use with soft vinyl and similar tubing.

T-Code	Kit Part Number
T-001	02500-312
T-002	02500-635
T-003	02500-352
T-004	02500-353
T-005	02500-258

T-Code	Kit Part Number
T-006	02500-259
T-007	02500-260
T-008	02500-261
T-009	02500-354

T-Code	Kit Part Number
T-011	02501-337
T-012	02501-246
T-013	02501-541
T-014	02501-673

**Note:** Kit includes two connector nuts and connectors.