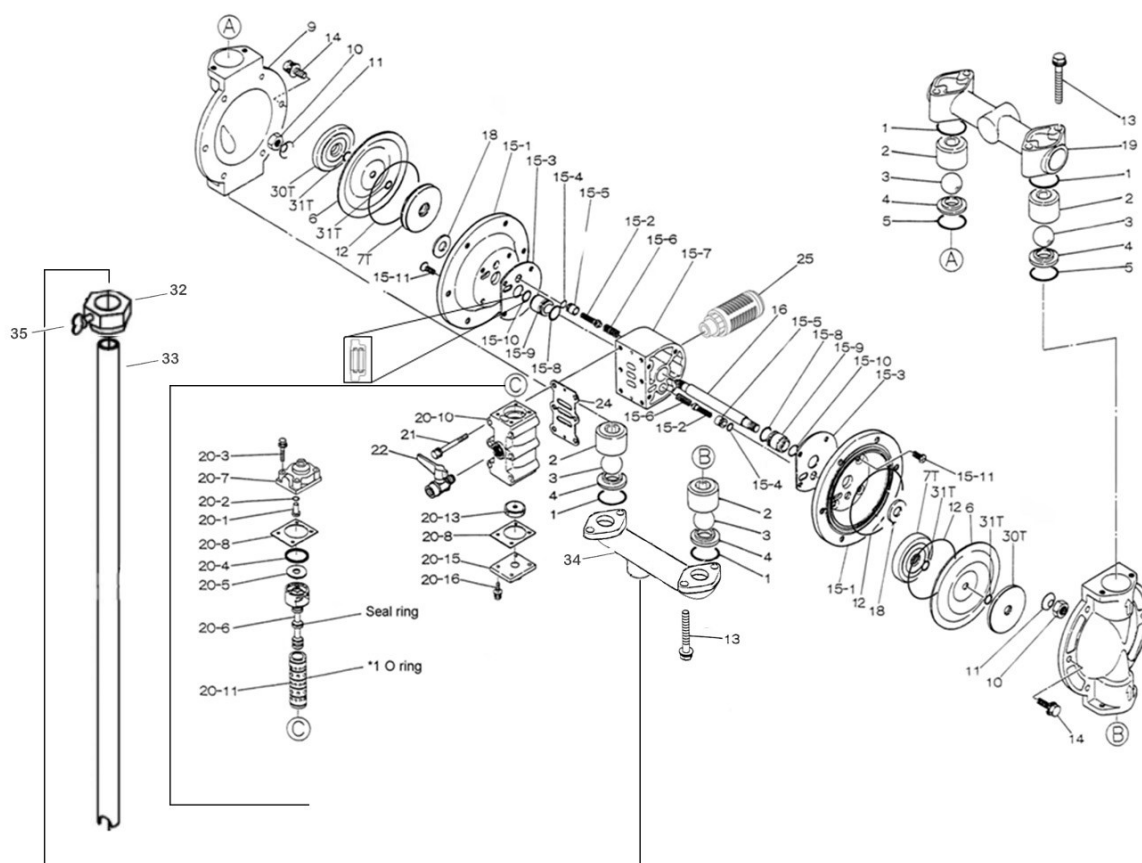


## Air Operated Double Diaphragm Pump



## Air Operated Double Diaphragm Pump

| REF. NO.  | PART NO.  | DESCRIPTION        | QTY. | REORDER |
|-----------|-----------|--------------------|------|---------|
| 1         | 643036    | O-RING             | 4    |         |
| 2         | 711700    | BALL GUIDE         | 4    |         |
| 3         | 770736    | BALL               | 4    |         |
| 4         | 590086    | VALVE SEAT         | 4    |         |
| 5         | 771131    | O-RING             | 2    |         |
| 6         | 771083    | DIAPHRAGM          | 2    |         |
| 7T        | 709456    | CENTER DISK        | 2    |         |
| 9         | 711686    | OUT CHAMBER        | 2    |         |
| 10        | 682263    | NUT                | 2    |         |
| 11        | 682730    | CONED DISK SPRING  | 2    |         |
| 12        | 640151    | O-RING             | 2    |         |
| 13        | 682264    | BOLT               | 8    |         |
| 14        | 682724    | BOLT               | 12   |         |
| 15        | 804878    | BODY ASSY.         | 1    |         |
| 15-1      | 715937    | AIR CHAMBER        | 2    |         |
| 15-2      | 802360    | PILOT VALVE ASSY.  | 2    |         |
| 15-3      | 771057    | GASKET             | 2    |         |
| 15-4      | 640009    | O-RING             | 2    |         |
| 15-5      | 771945    | VALVE SEAT         | 2    |         |
| 15-6      | 708666    | SPRING             | 2    |         |
| 15-7      | 709812    | BODY               | 1    |         |
| 15-8      | 685276    | O RING             | 2    |         |
| 15-9      | 780324    | THROAT BEARING     | 2    |         |
| 15-10     | 685414    | V PACKING          | 2    |         |
| 15-11     | 682486    | FLAT HEAD BOLT     | 8    |         |
| 16        | 709163    | CENTER ROD         | 1    |         |
| 18        | 771054    | CUSHION            | 2    |         |
| 19        | 831280    | MANIFOLD           | 1    |         |
| 20        | 802362    | VALVE BODY ASSY.   | 1    |         |
| 20-1      | 709161    | RESET BUTTON       | 1    |         |
| 20-2      | 640005    | O-RING             | 1    |         |
| 20-3      | 682704    | BOLT               | 4    |         |
| 20-4      | 771241    | PACKING            | 1    |         |
| 20-5      | 715961    | PLAIN WASHER       | 1    |         |
| 20-6      | 802400    | C SPOOL VALVE ASSY | 1    |         |
| 20-6-seal | 771053    | SEAL RING          | 5    |         |
| 20-7      | 710221    | CAP A              | 1    |         |
| 20-8      | 771240    | GASKET             | 2    |         |
| 20-10     | 711639    | VALVE BODY         | 1    |         |
| 20-11     | 803931    | SLEEVE ASSY.       | 1    |         |
| 20-11-*1  | 771080    | O-RING             | 6    |         |
| 20-13     | 771914    | CUSHION            | 1    |         |
| 20-15     | 709305    | CAP B              | 1    |         |
| 20-16     | 682262    | BOLT               | 4    |         |
| 21        | 682265    | BOLT               | 6    |         |
| 22        | 686968    | BALL VALVE         | 1    |         |
| 24        | 771056    | GASKET             | 1    |         |
| 25        | 804697    | SILENCER           | 1    |         |
| 30T       | 709314    | CENTER DISK        | 2    |         |
| 31T       | 643013    | O-RING             | 4    |         |
| 32        | 20A-BUNG  | BUSHING            | 1    |         |
| 33        | 20A-PIPE  | PIPE               | 1    |         |
| 34        | 709405    | MANIFOLD           | 1    |         |
| 35        | 91745A542 | THUMB SCREW        | 1    |         |
| KIT       | K20-MT-1  | LIQUID SIDE KIT    |      |         |
| KIT       | K225-AM   | AIR MOTOR KIT      |      |         |
| KIT       | NDP-20D   | DRUM KIT           |      |         |

## General Tools:

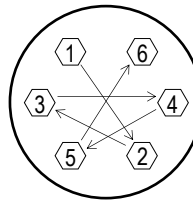
- Socket wrench - 10mm, 12mm, 13mm, 17mm, 22mm
- Hexagonal box wrenches - 5mm
- Open-end wrench - 22mm

## Special Tools:

- Sleeve remover (713148) (sold separately)

## Miscellaneous:

- Assembly Oil—turbine oil class 1 (equivalent to ISO VG32 grade)
- Nuts - M14x1.5
- Urea grease grade (NLGI) No. 2
- Lubricants equivalent to LOCTITE® Anti-Seize 767



## Tightening Torques

|                         |                      |
|-------------------------|----------------------|
| Center Rod              | 29 ft-lbf {40 N-m}   |
| Out Chamber             | 10 ft-lbf {13 N-m}   |
| Manifold Retainer Bolts | 15 ft-lbf {20 N-m}   |
| Valve Body Bolts        | 5.5 ft-lbf {7.5 N-m} |
| Cap A, Cap B            | 4.5 ft-lbf {6 N-m}   |

## Customer Notes

Model #: \_\_\_\_\_  
 Description: \_\_\_\_\_  
 Serial #: \_\_\_\_\_  
 Date Installed: \_\_\_\_\_  
 Department Location: \_\_\_\_\_  
 Tag/Project: \_\_\_\_\_