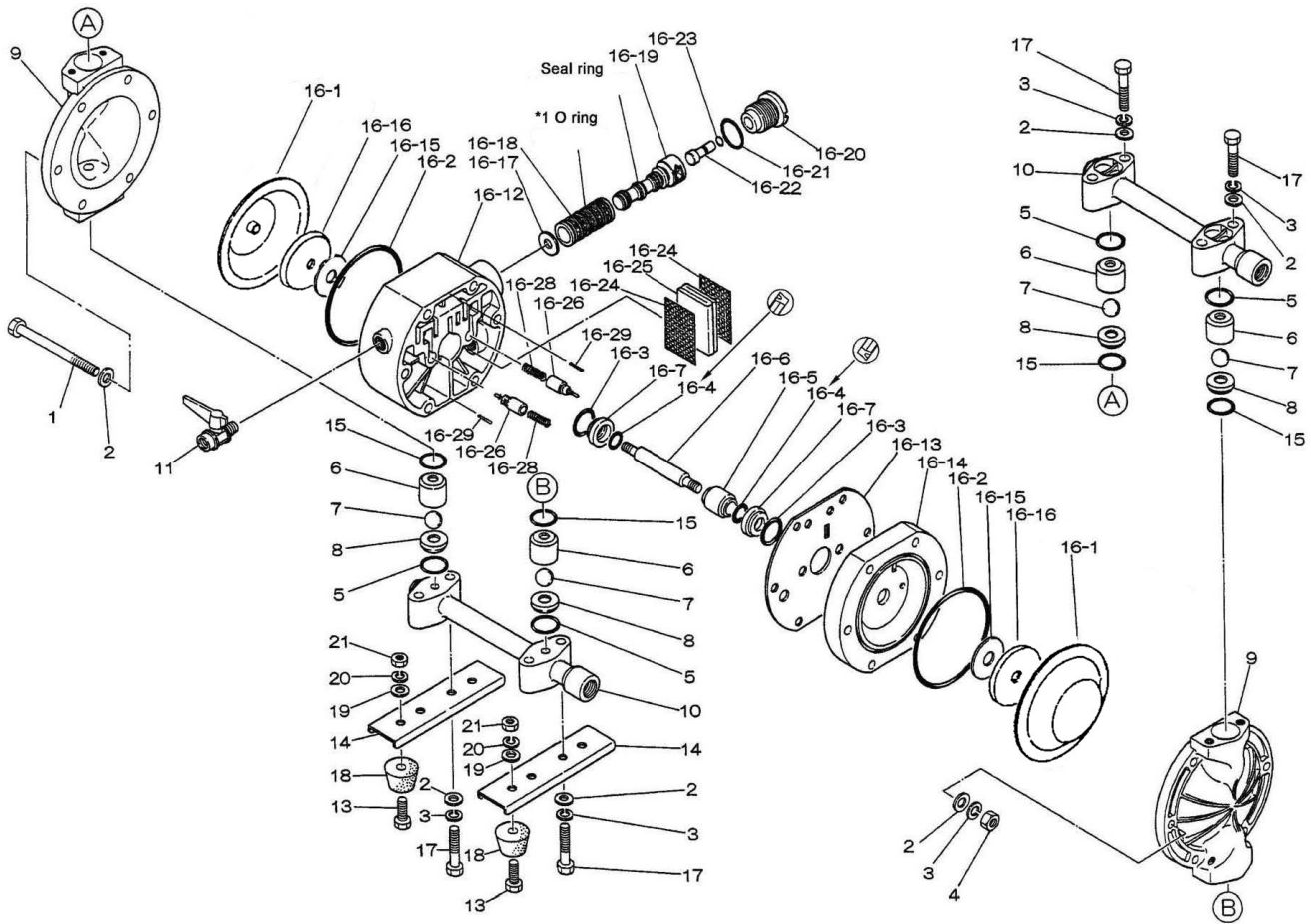


EXPLODED VIEW & PARTS LISTING

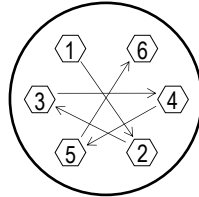


Air Operated Double Diaphragm Pump

Model: NDP-15BSU
 Ultimate Diaphragm
 Stainless Steel Series



REF. No.	PARTS No.	DESCRIPTION	QTY.	REORDER
1	683224	BOLT	6	
2	631329	PLAIN WASHER	20	
3	681300	SPRING LOCK WASHER	14	
4	628012	NUT	6	
5	643025	O-RING	4	
6	711502	VALVE STOPPER	4	
7	771524	BALL	4	
8	711382	VALVE SEAT	4	
9	711380	OUT CHAMBER	2	
10	711506	MANIFOLD	2	
11	686826	BALL VALVE	1	
13	621102	BOLT	4	
14	717185	BASE	2	
15	643130	O-RING	4	
16-1	02-1160	DIAPHRAGM	2	
16-2	640144	O-RING	2	
16-3	640020	O-RING	2	
16-4	684284	PACKING	2	
16-5	771337	GUIDE	1	
16-6	021161	CENTER ROD	1	
16-7	771336	BUSHING	2	
16-8	643005	O-RING	4	
16-10	681849	NUT	2	
16-11	684916	CONED DISK SPRING	2	
16-12	780029	BODY A	1	
16-13	771347	GASKET	1	
16-14	780030	BODY B	1	
16-15	771342	CUSHION	2	
16-16	20109	CENTER DISK (INNER)	2	
16-17	771483	CUSHION	1	
16-18	804249	SLEEVE ASSEMBLY	1	
16-18-*1	683123	O-RING (SLEEVE O.D.)	6	
16-19	802835	C-SPOOL VALVE ASSY.	1	
16-19 seal	771484	SEAL RING	5	
16-20	771695	CAP	1	
16-21	640022	O-RING	1	
16-22	771350	RESET BUTTON	1	
16-23	640002	O-RING	1	
16-24	771589	MESH	2	
16-25	771465	SILENCER	1	
16-26	832141	PILOT VALVE ASSY.	2	
16-28	710577	SPRING	2	
16-29	632752	SPRING PIN	2	
17	621155	BOLT	8	
18	771123	CUSHION	4	
19	631328	PLAIN WASHER	4	
20	681855	SPRING LOCK WASHER	4	
21	628010	NUT	4	
KIT	K15-MU	Liquid Side Kit		
Kit	K15-AM	Air Motor Kit		



Tightening torque for out chambers.

Out Chambers 105 in-lbf {12 N-m}

Tightening torque for manifold retainer bolts or nuts.

BSU 105 in-lbf {12 N-m}

General Tools:

- Socket wrench - 13mm
- Open-end wrenches - 13mm, 21mm
- Pliers

Special Tools (sold separately):

- Sleeve remover (713148)
- Cap & disk remover (771132)

Miscellaneous:

- Assembly Oil - turbine oil none additional class 1 (equivalent to ISO VG32 grade)
- Nuts - M8 x 1.25
- Urea grease grade (NLGI) No. 2

Customer Notes

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