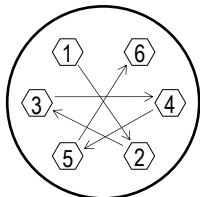




Air Operated Double Diaphragm Pump

REF. No.	NDP-15BSC-D PART No.	NDP-15BSN-D PART No.	NDP-15BSH-D PART No.	NDP-15BSS-D PART No.	NDP-15BSV-D PART No.	NDP-15BST-D PART No.	** NPT PUMPS **			
							DESCRIPTION	QTY.	REORDER	
1	683224	683224	683224	683224	683224	683224	BOLT	6		
2	631329	631329	631329	631329	631329	631329	PLAIN WASHER	20		
3	681300	681300	681300	681300	681300	681300	SPRING LOCK WASHER	14		
4	628012	628012	628012	628012	628012	628012	NUT	6		
5	640025	640025	640025	684114	643025	643025	O-RING	4		
6	711502	711502	711502	711502	711502	711502	VALVE STOPPER	4		
7	771526	771525	773125	773169	771524-VT	771524	BALL VALVE	4		
8	711382	711382	711382	711382	711382	711382	VALVE SEAT	4		
9	711380	711380	711380	711380	711380	711380	OUT CHAMBER	2		
10	711506	711506	711506	711506	711506	711506	MANIFOLD	1		
10A	15S-MANI	15S-MANI	15S-MANI	15S-MANI	15S-MANI	15S-MANI	MANIFOLD BOTTOM PORT	1		
11	686826	686826	686826	686826	686826	686826	BALL VALVE	1		
13	621102	621102	621102	621102	621102	621102	BOLT	4		
15	640130	640130	640130	684113	643130	643130	O-RING	4		
16-1	770971	770973	771372	771972	770971-V	770933	DIAPHRAGM	2		
16-2	640144	640144	640144	640144	640144	640144	O-RING	2		
16-3	640020	640020	640020	640020	640020	640020	O-RING	2		
16-4	684284	684284	684284	684284	684284	684284	PACKING	2		
16-5	771337	771337	771337	771337	771337	771337	GUIDE	1		
16-6	710578	710578	710578	710578	710578	710578	CENTER ROD	1		
16-7	771336	771336	771336	771336	771336	771336	BUSHING	2		
16-8	640005	640005	-	-	642005	643005	O-RING	4		
16-9	708506	708506	708506	708506	708506	708506	CENTER DISK	2		
16-10	681849	681849	681849	681849	681849	681849	NUT	2		
16-11	684916	684916	684916	684916	684916	684916	CONED DISK SPRING	2		
16-12	780029	780029	780029	780029	780029	780029	BODY A	1		
16-13	771347	771347	771347	771347	771347	771347	GASKET	1		
16-14	780030	780030	780030	780030	780030	780030	BODY B	1		
16-15	771342	771342	771342	771342	771342	771342	CUSHION	2		
16-16	771344	771344	771344	771344	771344	771344	CENTER DISK	2		
16-17	771483	771483	771483	771483	771483	771483	CUSHION	1		
16-18	804249	804249	804249	804249	804249	804249	SLEEVE ASSEMBLY	1		
16-18-*1	683123	683123	683123	683123	683123	683123	O-RING (SLEEVE O.D.)	6		
16-19	802835	802835	802835	802835	802835	802835	C-SPOOL VALVE ASSY.	1		
16-19 seal	771484	771484	771484	771484	771484	771484	SEAL RING	5		
16-20	771695	771695	771695	771695	771695	771695	CAP	1		
16-21	640022	640022	640022	640022	640022	640022	O-RING	1		
16-22	771350	771350	771350	771350	771350	771350	RESET BUTTON	1		
16-23	640002	640002	640002	640002	640002	640002	O-RING	1		
16-24	771589	771589	771589	771589	771589	771589	MESH	2		
16-25	771465	771465	771465	771465	771465	771465	SILENCER	1		
16-26	832141	832141	832141	832141	832141	832141	PILOT VALVE ASSY.	2		
16-28	710577	710577	710577	710577	710577	710577	SPRING	2		
16-29	632752	632752	632752	632752	632752	632752	SPRING PIN	2		
17	621155	621155	621155	621155	621155	621155	BOLT	8		
24	15S-PIPE	15S-PIPE	15S-PIPE	15S-PIPE	15S-PIPE	15S-PIPE	PIPE 3/4" 316SS	1		
25	15S-BUNG	15S-BUNG	15S-BUNG	15S-BUNG	15S-BUNG	15S-BUNG	BUNG ADAPTER	1		
26	15S-COUP	15S-COUP	15S-COUP	15S-COUP	15S-COUP	15S-COUP	COUPLING 316SS	1		
27	15S-NIPP	15S-NIPP	15S-NIPP	15S-NIPP	15S-NIPP	15S-NIPP	NIPPLE 1/2"	1		
28	91745A542	91745A543	91745A544	91745A545	91745A546	91745A547	THUMB SCREW	1		
KIT	NDP-15SD						DRUM PUMP KIT			
KIT	K15-MC	K15-MN	K15-MH	K15-MS	K15-MV	K15-MT	LIQUID SIDE KIT			
KIT	K15-AM						AIR MOTOR KIT			

Air Operated Double Diaphragm Pump



Tightening torque for center rod and out chambers.

Center Rod	122 in-lbf {14 N-m}
Out Chambers	105 in-lbf {12 N-m}

Tightening torque for manifold retainer bolts or nuts.

BSC/H/N/V/S/T-D	105 in-lbf {12 N-m}
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General Tools:

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

Special Tools (sold separately):

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

Miscellaneous:

- Assembly Oil - turbine oil 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: _____