

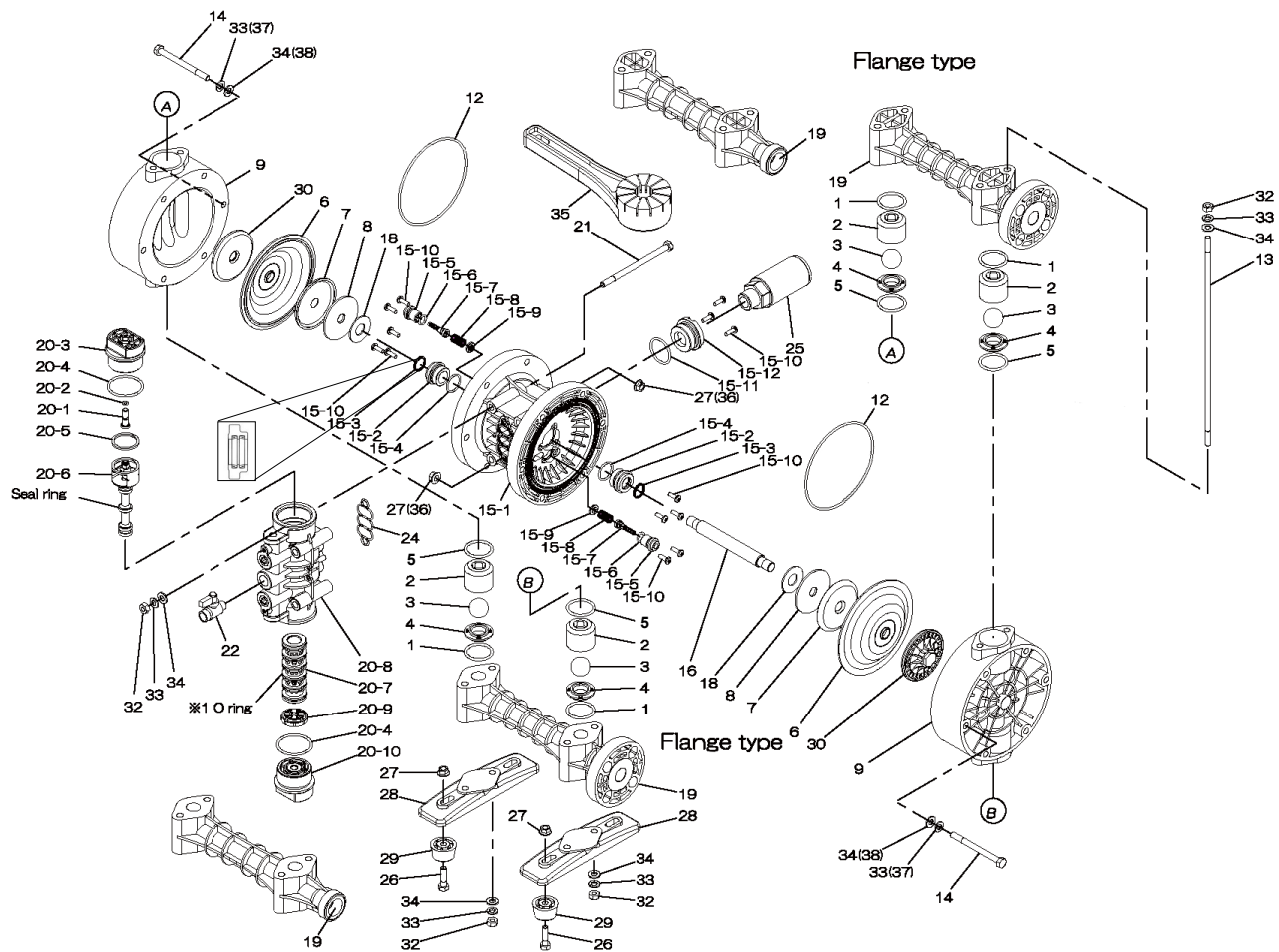
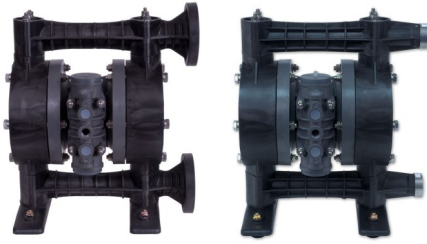
EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-25BVH/S-PN

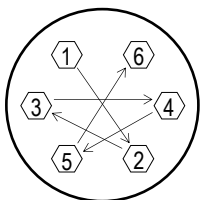
Kynar Series

(rubber fitted w/non-metallic center body)



	NDP-25BVH-PN	NDP-25BVS-PN			
NPT	854959	854960			
Flange	854969	854970			
REF. NO.	PART NO.	PART NO.	DESCRIPTION	QTY	REORDER
1	643042	643042	O-RING	4	
2	773419	773419	BALL GUIDE	4	
3	773127	773171	BALL	4	
4	780317	780317	BALL SEAT	4	
5	643041	643041	O-RING	4	
6	771363	771974	DIAPHRAGM 25	2	
7	716258	716258	CENTER DISK	2	
8	716259	716259	WASHER	2	
9	780312	780312	OUT CHAMBER 25PVDF	2	
12	640154	640154	O-RING	2	
13	710207	710207	TIE ROD 25PP	4	
14	683541	683541	BOLT	12	
15	804604	804604	BODY ASSY	1	
15-1	772929	772929	BODY 25-PP	1	
15-2	780326	780326	THROAT BEARING	2	
15-3	685414	685414	V-PACKING	2	
15-4	685276	685276	O-RING	2	
15-5	772932	772932	VALVE SEAT	2	
15-6	640009	640009	O-RING	2	
15-7	802360	802360	PILOT VALVE ASSY	2	
15-8	708666	708666	SPRING	2	
15-9	772948	772948	SPRING SEAT	2	
15-10	686030	686030	TAPPING SCREW	13	
15-11	640132	640132	O-RING	1	
15-12	772933	772933	BUSHING	1	
16	710271	710271	CENTER ROD	1	
18	771054	771054	CUSHION	2	
19	780314	780314	MANIFOLD 25PVDF-NPT	2	
19	780316	780316	MANIFOLD 25PVDF-FLANGE		
20	804608	804608	VALVE BODY ASSY	1	
20-1	772991	772991	RESET BUTTON	1	
20-2	640002	640002	O-RING	1	
20-3	772946	772946	CAP A	1	
20-4	640043	640043	O-RING	2	
20-5	771241	771241	PACKING	1	
20-6	802400	802400	C SPOOL ASSY	1	
20-6-seal	771053	771053	SEAL RING	5	
20-7	804609	804609	SLEEVE ASSY	1	
20-7-*1	686029	686029	O-RING	6	
20-8	832903	832903	VALVE BODY	1	
20-9	771914	771914	CUSHION	1	
20-10	772947	772947	CAP B	1	

REF. NO.	PART NO.	PART NO.	DESCRIPTION	QTY	REORDER
NPT	854959	854960			
Flange	854969	854970			
21	686031	686031	BOLT	4	
22	686970	686970	BALL VALVE	1	
24	772848	772848	GASKET	1	
25	804697	804697	MUFFLER	1	
26	621153	621153	BOLT	4	
27	686032	686032	NUT W/FLANGE	4	
28	771749	771749	BASE 25V	2	
29	770551	770551	FOOT RUBBER	4	
30	780318	780318	CENTER DISK	2	
32	683635	683635	NUT	12	
33	681300	681300	SPRING WASHER	12	
34	631329	631329	WASHER FLAT	12	
35	771244	771244	TOOL	2	
36	686033	686033	NUT W/FLANGE	12	
37	680257	680257	SPRING WASHER	12	
38	631330	631330	WASHER FLAT	12	
KIT	K25-VH-PP	K25-VS-PP	LIQUID END KIT		
KIT	K225-AP		AIR MOTOR KIT		

**Tightening torque for center rod and out chambers.**

Center Rod	29 ft-lbf {40 N-m}
Out Chambers NDP-25BVH/S-PN	15 ft-lbf {20 N-m}

Tightening torque for manifold retainer nuts.

BPH/S-PP	9 ft-lbf [12 N-m]
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General Tools:

- Socket wrenches - 10mm, 12mm, 13mm, 17mm, 22mm
- Hexagonal box wrench - 5mm
- Open-end wrenches - 12mm, 13mm, 22mm
- Adjustable angle wrenches
- Phillips head screw driver

Special Tools:

- Accessory tool (2) 771244 (included) to remove the center disk.
- Sleeve remover 713148 (sold separately) used for removing the sleeve.

Miscellaneous:

- Assembly Oil - turbine oil none additional class 1 (equivalent to ISO VG32 grade)
- Nuts - M14 x 1.5
- Urea grease grade (NLGI) No. 2

Customer Notes

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