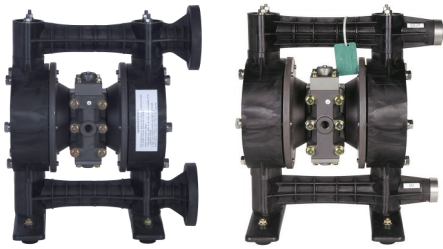


# EXPLODED VIEW & PARTS LISTING

## Air Operated Double Diaphragm Pump

Model: NDP-25BV[x]  
Kynar Series  
(w/metal center body)



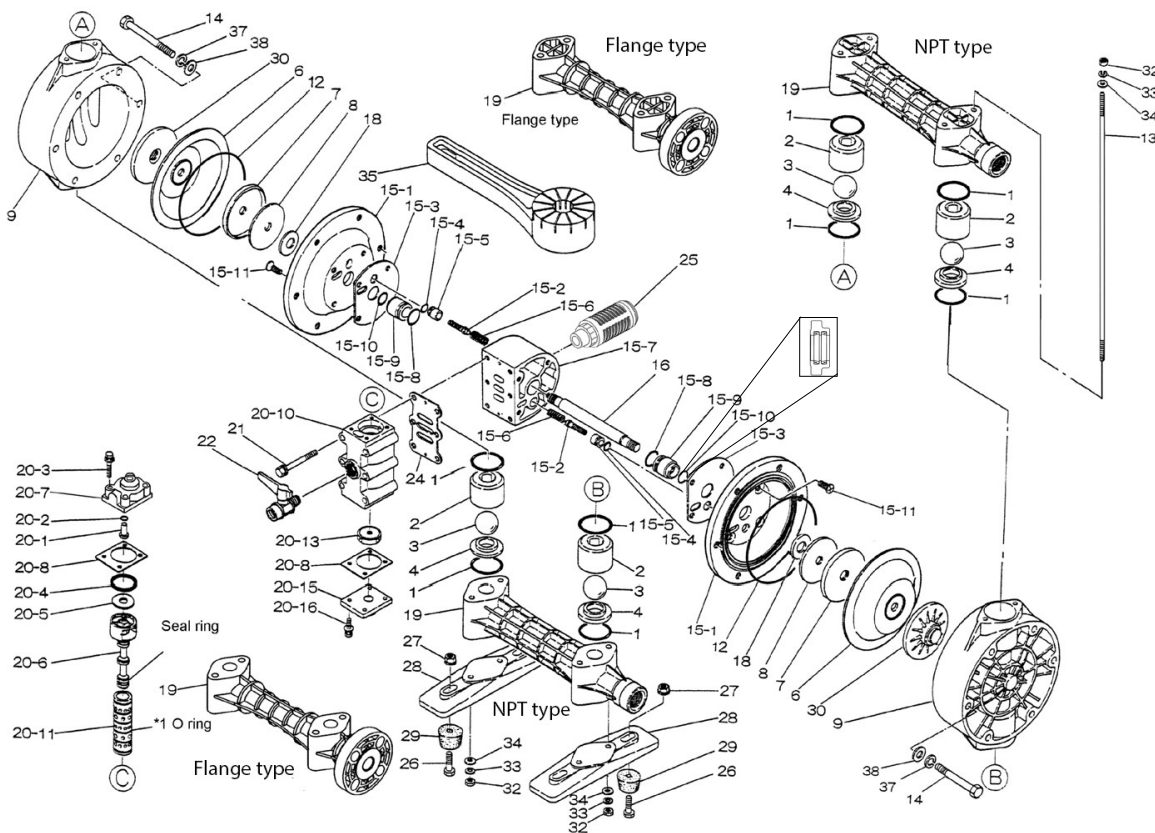
### To Purchase:

- ☎ 800-990-7867
- ✉ sales@yamadapump.com
- 📍 Find My Rep

### More Information:

- ▶ YouTube: @yamadapump
- 🌐 yamadapump.com
- Data Sheets | CAD Drawings | Manuals Literature | BOM | Performance Curves

### Trial Program



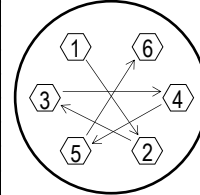
# EXPLODED VIEW & PARTS LISTING

## Air Operated Double Diaphragm Pump

Model: NDP-25BV[x]  
Kynar Series  
(w/metal center body)



REF. NO.	PART NO.	PART NO.	PART NO.	PART NO.	DESCRIPTION	QTY	REORDER
NPT	852811	852279	852773	852810	***NPT***		
FLANGE	853856	853859	853860	853857	***FLANGE***		
1	684119	-	-	642042	O-RING	8	
	-	643042	643042	-	O-RING	4	
2	773419	773419	773419	773419	BALL GUIDE	4	
3	770590	770590	770590	770590	BALL 25V	4	
4	780317	780317	780317	780317	VALVE SEAT	4	
5	-	643041	643041	-	O-RING	4	
6	772963	771363	771974	772964	DIAPHRAGM	2	
7	716258	716258	716258	716258	CENTER DISK (AIR SIDE)	2	
8	716259	716259	716259	716259	WASHER (AIR SIDE)	2	
9	780312	780312	780312	780312	OUT CHAMBER	2	
12	-	640154	640154	-	O-RING	2	
13	710207	710207	710207	710207	TIE ROD	4	
14	621189	621189	621189	621189	BOLT	12	
15	804881	804881	804881	804881	BODY ASSY	1	
15-1	715940	715940	715940	715940	AIR CHAMBER	2	
15-2	802360	802360	802360	802360	PILOT VALVE ASSY	2	
15-3	771057	771057	771057	771057	GASKET	2	
15-4	640009	640009	640009	640009	O-RING	2	
15-5	771945	771945	771945	771945	PILOT VALVE SEAT	2	
15-6	708666	708666	708666	708666	SPRING	2	
15-7	711503	711503	711503	711503	BODY	1	
15-8	685276	685276	685276	685276	O-RING	2	
15-9	780324	780324	780324	780324	THROAT BEARING	2	
15-10	685414	685414	685414	685414	V-PACKING	2	
15-11	682486	682486	682486	682486	BOLT W/WASHER	8	
16	710271	710271	710271	710271	CENTER ROD	1	
18	771054	771054	771054	771054	CUSHION	2	
19	780314	780314	780314	780314	MANIFOLD-NPT	2	
	780316	780316	780316	780316	MANIFOLD-FLANGE	2	
20	802809	802809	802809	802809	BODY VALVE ASSY.	1	
20-1	709161	709161	709161	709161	RESET BUTTON	1	
20-2	640005	640005	640005	640005	O-RING	1	
20-3	682704	682704	682704	682704	BOLT W/WASHER	4	
20-4	771241	771241	771241	771241	PACKING	1	
20-5	715961	715961	715961	715961	WASHER	1	
20-6	802400	802400	802400	802400	C SPOOL ASSY	1	
20-6 seal	771053	771053	771053	771053	SEAL RING	5	
20-7	711219	711219	711219	711219	CAP A	1	
20-8	771240	771240	771240	771240	GASKET	2	
20-10	711640	711640	711640	711640	VALVE BODY	1	
20-11	803931	803931	803931	803931	SLEEVE ASSY	1	
20-11-*1	771080	771080	771080	771080	O-RING	6	
20-13	771914	771914	771914	771914	CUSHION	1	
20-15	711212	711212	711212	711212	CAP B	1	
20-16	682262	682262	682262	682262	BOLT W/WASHER	4	
21	682265	682265	682265	682265	BOLT W/WASHER	6	
22	686970	686970	686970	686970	BALL VALVE 3/8	1	
24	771056	771056	771056	771056	GASKET	1	
25	804697	804697	804697	804697	MUFFLER	1	
26	611153	611153	611153	611153	BOLT	4	
27	682276	682276	682276	682276	NUT W/FLANGE	4	
28	771749	771749	771749	771749	BASE	2	
29	770551	770551	770551	770551	FOOT RUBBER	4	
30	780318	780318	780318	780318	CENTER DISK (LIQUID SIDE)	2	
32	687229	687229	687229	687229	NUT	8	
33	681300	681300	681300	681300	SPRING WASHER	8	
34	631329	631329	631329	631329	FLAT WASHER	8	
35	771244	771244	771244	771244	TOOL	2	
37	680257	680257	680257	680257	SPRING WASHER	12	



**Tightening torque for center rod and out chambers.**  
Center Rod 29 ft-lbf {40 N-m}  
Out Chambers 8 ft-lbf {10 N-m}

**Tightening torque for manifold retainer nuts.**  
BVE/H/S/V 10 ft-lbf {12 N-m}

**General Tools:**

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

**Special Tools:**

- Disk remover (771244) (included).
- Sleeve remover (713148) (sold separately).

**Miscellaneous:**

- Assembly Oil - turbine oil class 1 (equivalent to ISO VG32 grade)
- Nuts - M14 x 1.5
- Urea grease grade (NLGI) No. 2
- Lubricants - equivalent to Loctite anti-seize 767

**Customer Notes**

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