

# EXPLODED VIEW & PARTS LISTING

## Air Operated Double Diaphragm Pump

Model: NDP-25BAH-UL

Part # 852100-UL



### To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

📍 Find My Rep

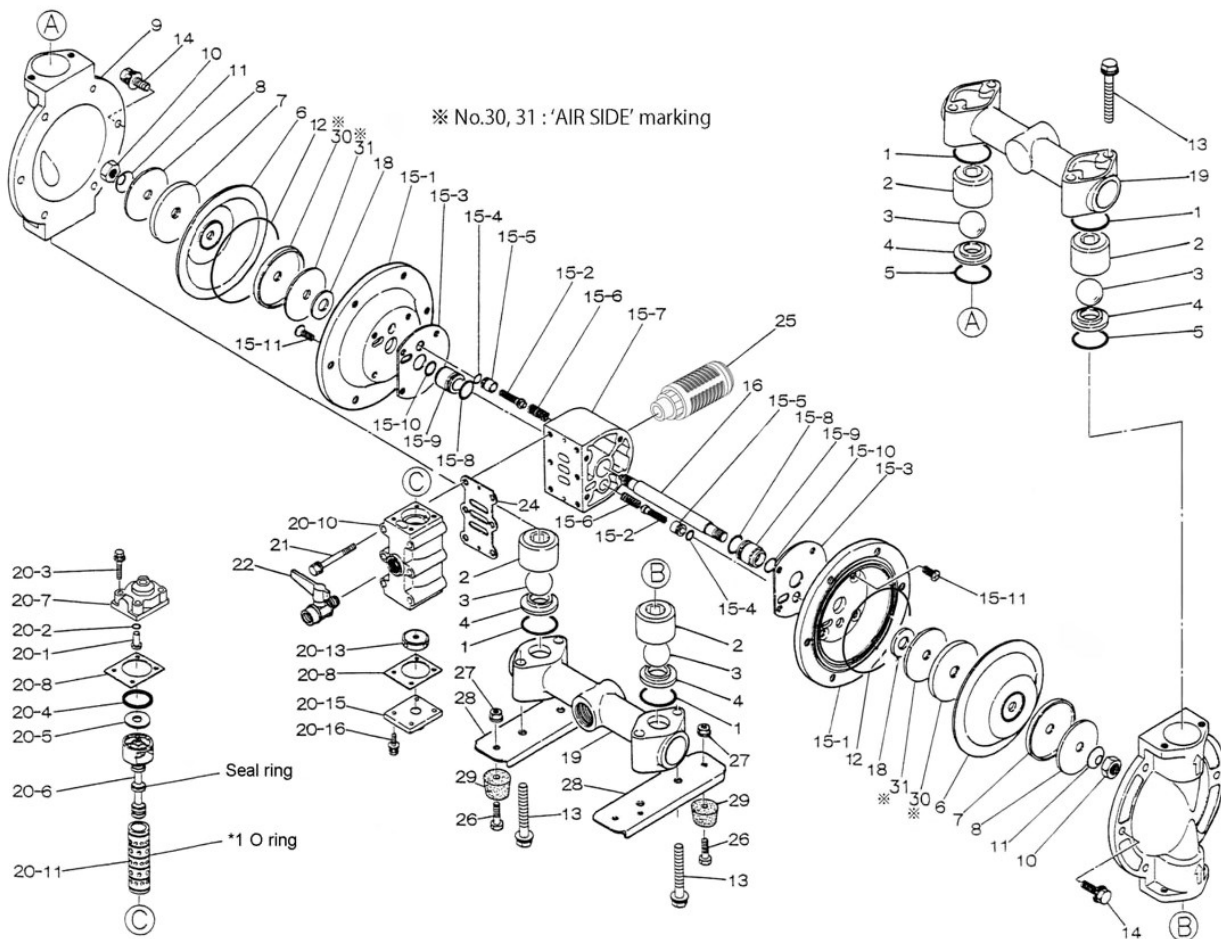
### More Information:

▶ YouTube: @yamadapump

🌐 yamadapump.com

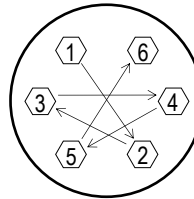
Data Sheets | CAD Drawings | Manuals Literature | BOM | Performance Curves

### Trial Program



Air Operated Double Diaphragm Pump

REF. NO.	PART NO.	DESCRIPTION	QTY.	REORDER
1	643044	O-RING	4	
2	711702	VALVE STOPPER	4	
3	770691	BALL	4	
4	580087	VALVE SEAT	4	
5	771130	O-RING	2	
6	771363	DIAPHRAGM	2	
7	716258	CENTER DISK	4	
8	716259	PLAIN WASHER	4	
9	711687	OUT CHAMBER	2	
10	682263	NUT	2	
11	682730	CONED DISK SPRING	2	
12	640154	O-RING	2	
13	611185	BOLT	8	
13 washer	681917	WAVE WASHER	8	
14	621185	BOLT	12	
14 washer	631917	WAVE WASHER	12	
<b>15</b>	<b>804665</b>	<b>BODY ASSEMBLY</b>	<b>1</b>	
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	772703	THROAT BEARING	2	
15-10	685414	PACKING	2	
15-11	682486	FLAT HEAD BOLT	8	
16	709162	CENTER ROD	1	
18	771054	CUSHION	2	
19	831281	MANIFOLD	2	
<b>20</b>	<b>802362</b>	<b>VALVE BODY ASSEMBLY</b>	<b>1</b>	
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	1	
20-8	771240	GASKET	2	
20-10	711639	VALVE BODY	1	
20-11	803931	SLEEVE ASSEMBLY	1	
20-11-*1	771080	O-RING	6	
20-13	771914	CUSHION	1	
20-15	709305	CAP	1	
20-16	682262	BOLT	4	
21	682265	BOLT	6	
22	684320	BALL VALVE	1	
24	771056	GASKET	1	
25	804697	SILENCER	1	
26	611148	BOLT	4	
27	682276	NUT WITH FLANGE	4	
28	709156	PUMP BASE	2	
29	770551	CUSHION	4	
30	716258	CENTER DISK (air side)	2	
31	716259	WASHER (air side)	2	
KIT	K25-MH-UL	LIQUID END		
KIT	K225-AM	AIR MOTOR		



**Tightening torque for center rod and out chambers.**  
Center Rod 29 ft-lbf {40 N-m}  
Out Chambers 15 ft-lbf {20 N-m}

**Tightening torque for manifold retainer bolts.**  
BAH-UL 8 ft-lbf {10 N-m}

**General Tools:**

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

**Miscellaneous:**

- Assembly Oil - turbine oil none additional class 1 (equivalent to ISO VCA32 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: \_\_\_\_\_