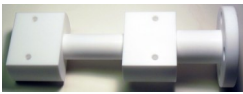


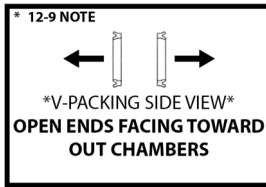
EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: DP-25F Ball Valve
High Purity Pump
853703 DP-25F Flange
853716 DP-25F-FT



Flange Manifold



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

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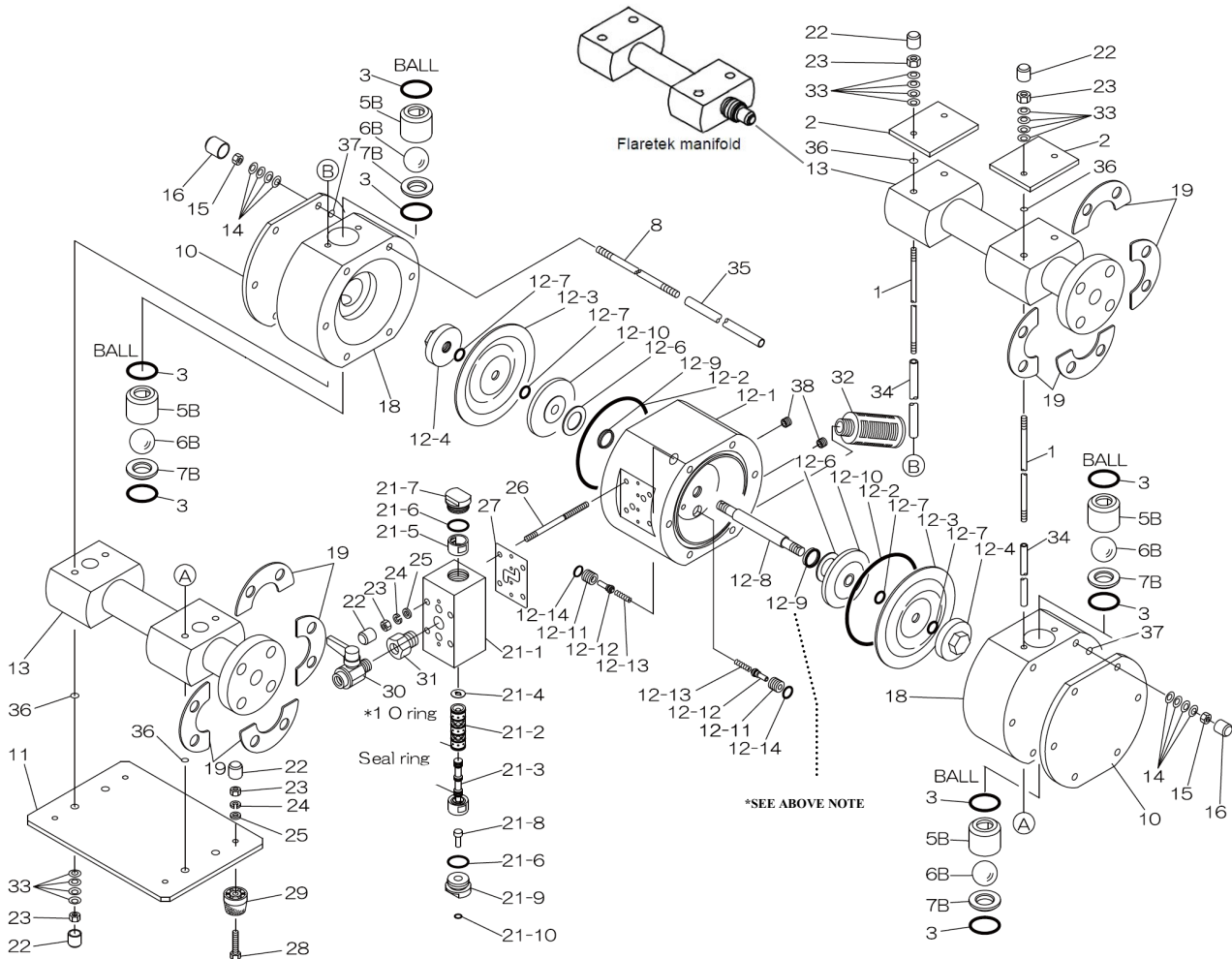
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

[Data Sheets](#) | [CAD Drawings](#) | [Manuals](#)
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Trial Program



EXPLODED VIEW & PARTS LISTING

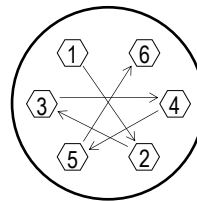
Air Operated Double Diaphragm Pump

Model: DP-25F Ball Valve
High Purity Pump
853703 DP-25F Flange
853716 DP-25F-FT



REF. NO.	PARTS NO.	DESCRIPTION	QTY
1	714511	TIE ROD	4
2	772423	PROTECTOR	2
3	643041	O RING	8
5B	772774	BALL GUIDE	4
6B	770691	BALL	4
7B	772770	VALVE SEAT	4
8	714524	TIE ROD	6
10	772422	PROTECTOR	2
11	772421	BASE	1
12	804117	BODY ASSY	1
12-1	772418	BODY	1
12-2	643156	O RING PTFE	2
12-3	771110	DIAPHRAGM	2
12-4	780181	CENTER DISK 25F OUTER	2
12-6	772425	CUSHION 25F	2
12-7	643013	O RING	4
12-8	714510	CENTER ROD 25F	1
12-9	685161	V-PACKING 25F	2
12-10	711481	CENTER DISK 25F INNER	2
12-11	772458	PILOT VALVE SEAT 25F	2
12-12	804118	PILOT VALVE ASSY 25F	2
12-13	711193	SPRING	2
12-14	642013	O RING	2
13	772600	MANIFOLD 25F FLANGE	2
13	772604	MANIFOLD 25F FLARETEK	2
14	681303	LOCK WASHER	48
15	683636	NUT	12
16	771644	CAP	12
18	772419	OUT CHAMBER 25F	2
19	711205	PROTECTOR (FLG ONLY)	8
21	804302	VALVE BODY ASSY	1
21-1	832569	VALVE BODY	1
21-2	803747	SLEEVE ASSY	1
21-3	803432	C SPOOL ASSY	1
21-4	771483	CUSHION	1
21-5	771939	SPRING HOLDER	1
21-6	642025	O RING	2
21-7	771992	CAP	1
21-8	771509	RESET BUTTON	1
21-9	771940	CAP	1
21-10	642005	O RING	1
22	771783	CAP	16
23	683635	NUT	16
24	681300	SPRING WASHER	8
25	631173	WASHER	8
26	711194	BOLT	4
27	772434	GASKET	1
28	621155	BOLT	4
29	771402	FOOT RUBBER	4
30	686970	BALL VALVE 25F	1

31	773468	UNION	1
32	684501	MUFFLER	1
33	684916	CONED DISK SPRING	32
34	772556	TUBE	4
35	772557	TUBE	6
36	642006	O RING	8
37	642009	O RING	12
38	771301	PLUG 25F	2
KIT	K25/38-F-BV	KIT FOR DP-25F&38F BALL VALVE	
KIT	K25-F	KIT FOR DP-25F	



[CLICK HERE FOR TORQUE](#)



General Tools:

- Socket wrench - 17mm, 13mm
- Open-end wrenches - 17mm, 13mm
- Adjustable angle wrench

Special Tools (sold separately):

- Sleeve remover (713148) used to remove sleeves.
- Pilot valve remover (712606)
- Torque Wrench (804310) used to retighten the center disk
- PP Wrench (771868) used to remove the center disk

Miscellaneous:

- Nuts - M14 x 1.5
- Assembly Lubrication Oil - Fomblin® GR AR555 or equivalent for Center Rod (Ref# 12-8)

[CLICK HERE FOR MAINTENANCE MANUAL](#)

Customer Notes

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