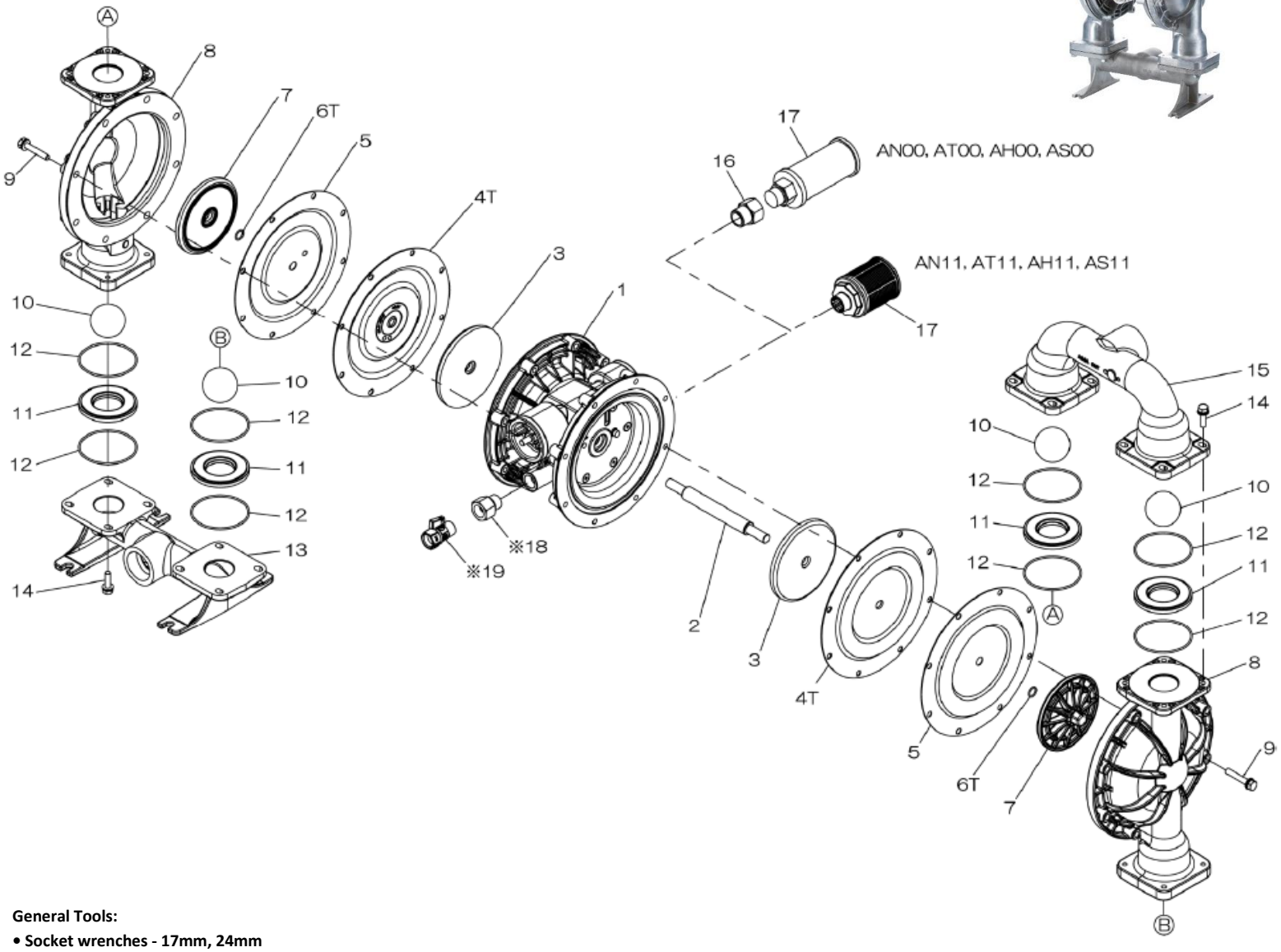
EXPLODED VIEW & PARTS LIST

Model: G50A_00
Material: Aluminum

yamada Europe B.V.

Air Operated Double Diaphragm pump



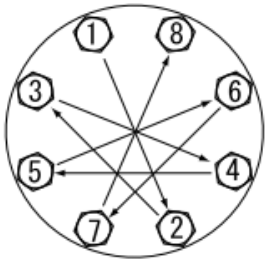
General Tools:
- **Socket wrenches - 17mm, 24mm**
- **Hexagonal box wrench - 5mm,**
- **Small crowbars**
- **Open-end wrenches - 17mm, 24mm**
- **Plastic hammer**

Special Tools (sold separately):
- **Sleeve remover (713180).**

Miscellaneous:
- **Nuts - M16 x 1.5**
- **Thread locker**
- **Urea grease grade (NLGI) No. 2 for Center Rod (Ref# 2)**

Tightening torque for:

Center rod:	60 Nm
Out chamber AN, AS, AH:	30 Nm
Out chamber AT:	40 Nm
Manifold:	20 Nm



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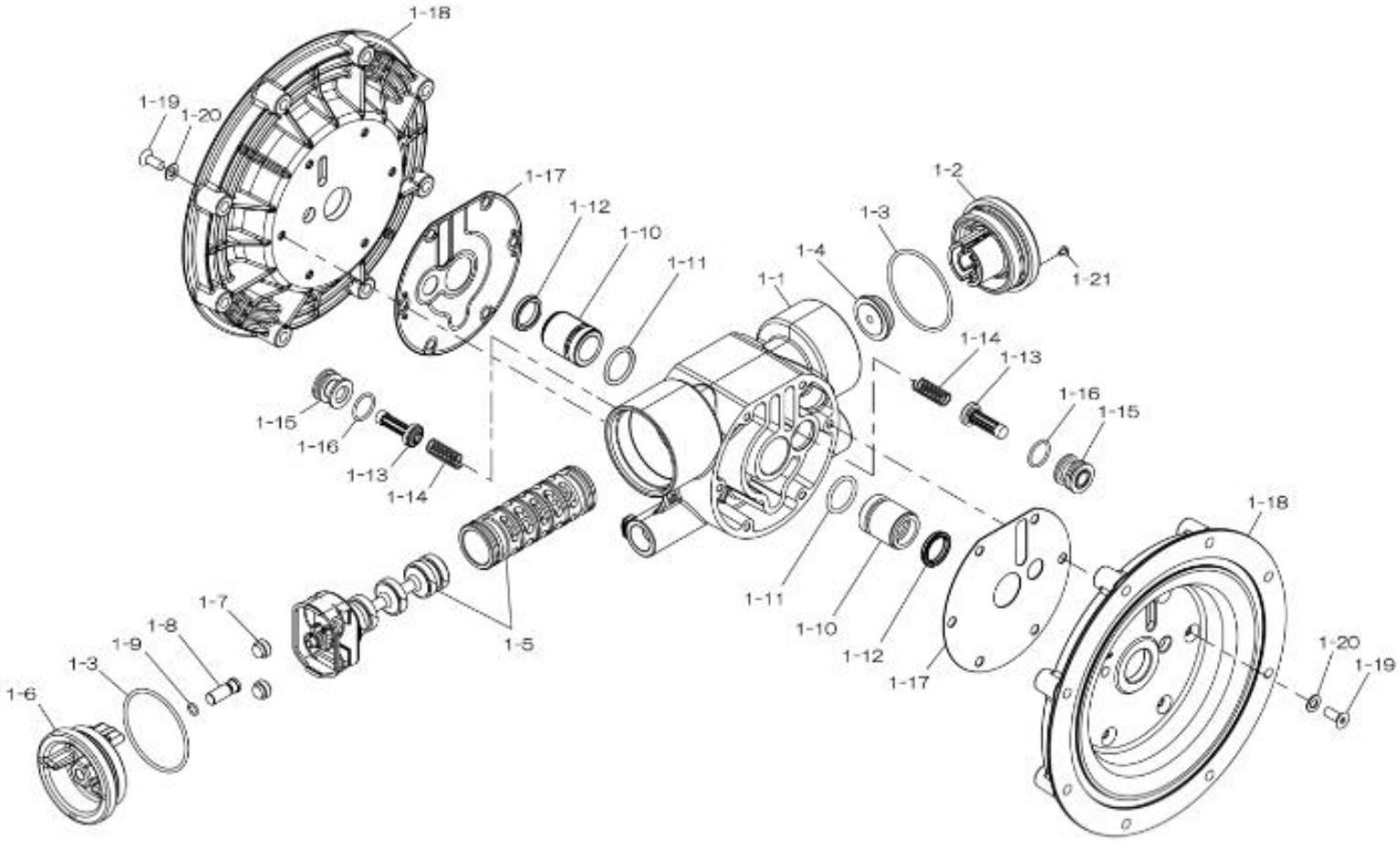
Best is not good enough

Air Operated Double Diaphragm pump

Body Assembly



Air Operated Double Diaphragm pump

REF. No.	DESCRIPTION	QTY	G50AN00 PARTS No.	G50AS00 PARTS No.	G50AH00 PARTS No.	G50AT00 PARTS No.
1	BODY ASSY	1	805361			
1-1	BODY	1	717393			
1-2	CAP B	1	717395			
1-3	O-RING	2	640140			
1-4	CUSHION	1	773491			
1-5	C SPOOL ASSY	1	805063			
1-6	CAP A	1	717394			
1-7	CUSHION	2	684128			
1-8	RESET BUTTON	1	712976			
1-9	O-RING	1	640005			
1-10	THROAT BEARING	2	780325			
1-11	O-RING	2	640029			
1-12	PACKING	2	685444			
1-13	PILOT VALVE ASSY	2	780333			
1-14	SPRING	2	711937			
1-15	VALVE SEAT	2	771740			
1-16	O-RING	2	640020			
1-17	GASKET	2	773485			
1-18	AIR CHAMBER	2	717392			
1-19	BOLT	12	683812			
1-20	WASHER	12	684987			
1-21	SCREW	1	686486			
2	CENTER ROD	1	717398			
3	CENTER DISK B	2	581154			717435
4T	BACK UP DIAPHRAGM	2	-			773481
5	DIAPHRAGM	2	773479	773482	773483	773480
6T	O-RING	2	-			643015
7	CENTER DISK A	2	717396			717397
8	OUT CHAMBER	2	717391			
9	BOLT & WASHER	16	687233			
10	BALL	4	770630	773173	773143	770693
11	VALVE SEAT RUBBER	4	773484	-		
11	VALVE SEAT ALU	4	-	717399		
12	O-RING	4	-	687220	640145	643145
13	IN MANIFOLD	1	717441			
14	BOLT & WASHER	16	682725			
15	OUT MANIFOLD	1	717401			
16	BUSHING	1	687317			
17	MUFFLER	1	687235			
18	BUSHING	1	687234			
19	VALVE	1	686973			
KIT	DIAPHRAGM		KG50D-MN	KG50D-MS	KG50D-MH	KG50D-MT
KIT	VALVE		KG50V-MN	KG50V-MS	KG50V-MH	KG50V-MT
KIT	WET END REPAIR		KG50-MN	KG50-MS	KG50-MH	KG50-MT
KIT	AIR MOTOR		KG50-AM			
KIT	AIR MOTOR SEAL		KG50-AMS			

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