

EXPLODED VIEW & PARTS LISTING

Model : NDP-500BSN

Yamada Europe B.V.



Material: Stainless steel 316 (SCS14)

Air Operated Double Diaphragm pump

To Purchase:

☎ 0031 (0)74 242 2032

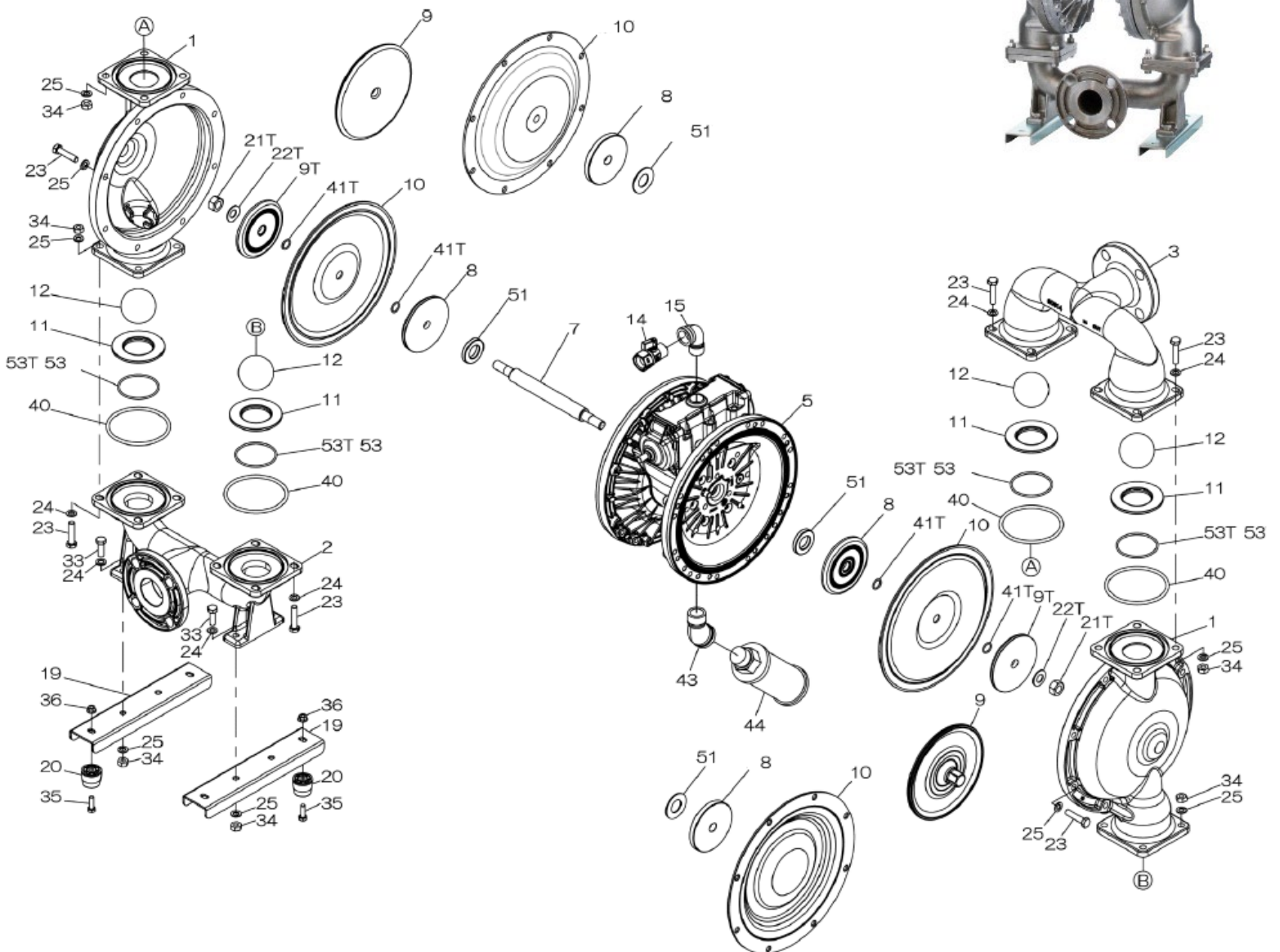
✉ sales@yamada.nl

More information:

▶ YouTube: [@yamadapump](https://www.youtube.com/@yamadapump)

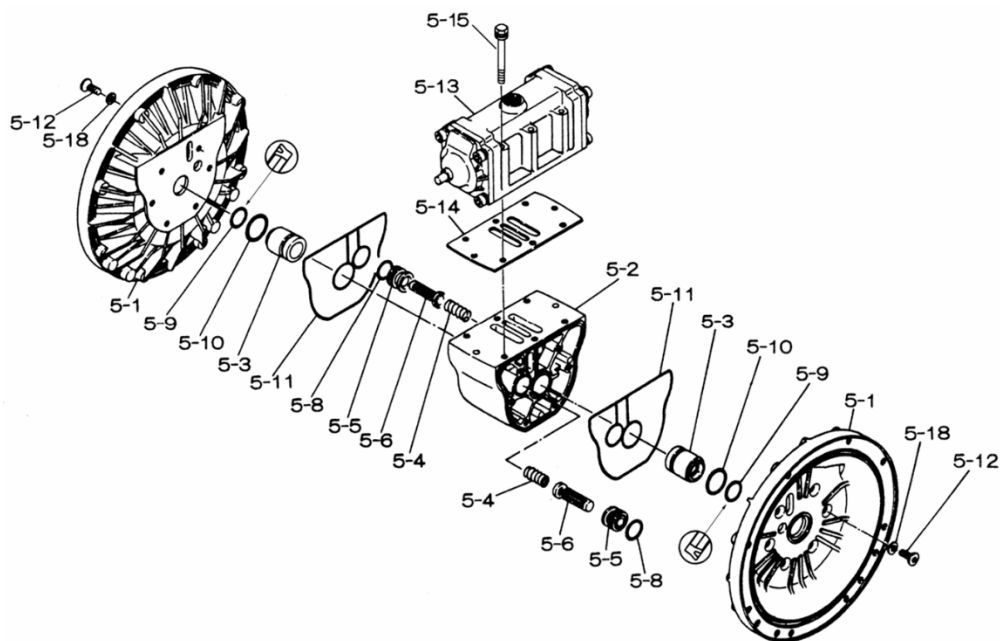


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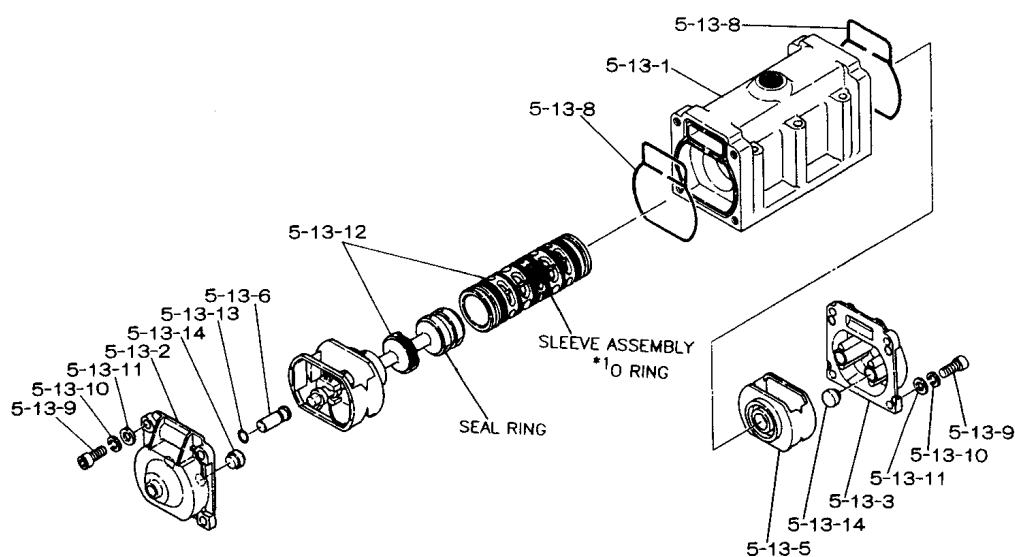


Air Operated Double Diaphragm pump

■ Body Assembly



■ Valve Body Assembly



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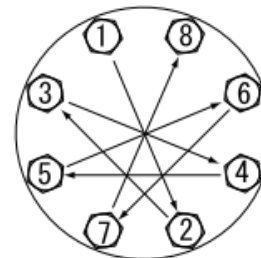
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Air Operated Double Diaphragm pump

	REF. No.	PARTS No.	DESCRIPTION	QTY
	1	717449	OUT CHAMBER	2
	2	717450	IN MANIFOLD	1
	3	717452	OUT MANIFOLD	1
	5	803122	AIR MOTOR ASSEMBLY	1
	5-1	711934	AIR CHAMBER	2
	5-2	711947	MID BODY	1
	*5-3	780325	THROAT BEARING	2
	5-4	711937	PILOT VALVE SPRING	2
	5-5	771740	PILOT VALVE SEAT	2
	5-6	832162	PILOT VALVE ASSEMBLY	2
	5-8	640020	O-RING	2
	5-9	685444	V-PACKING	2
	5-10	640029	O-RING	2
	5-11	771742	GASKET	2
	5-12	683812	SOCKET BOLT FLAT	12
	5-13	803120	VALVE BODY ASSEMBLY	1
	5-13-1	711946	VALVE BODY HOUSING	1
	5-13-2	580999	CAP-A	1
	5-13-3	581000	CAP-B	1
	5-13-5	771735	SPRING RETAINER	1
	5-13-6	712976	RESET BUTTON	1
	5-13-8	771738	GASKET	2
	5-13-9	685036	SOCKET BOLT	8
	5-13-12	805084	C-SPOOL ASSEMBLY	1
	5-13-13	640005	O-RING	1
	5-13-14	684128	CUSHION	4
	5-14	771712	GASKET	1
	5-15	684240	BOLT W/WASHER	6
	5-18	684987	WASHER	12
	7	711900	CENTER ROD	1
	8	711904	CENTER DISK	2
	9	717438	CENTER DISK	2
	10	771702	DIAPHRAGM	2
	11	771995	VALVE SEAT	4
	12	770630	BALL	4
	14	686973	BALL VALVE	1
	15	634034	ADAPTOR	1
	19	711928	BASE	2
	20	771402	FOOT RUBBER	4
	23	621180	BOLT	32
	24	631174	WASHER FLAT	20
	25	631937	WAVE WASHER	36
	33	621175	BOLT	4
	34	687295	NUT	20
	35	611149	BOLT	4
	36	682276	NUT W/FLANGE	4
	40	640069	O-RING	4
	43	634050	ELBOW	1
	44	687235	MUFFLER	1
	51	770582	CUSHION	2

**Tighting torque for:**

Center rod:	60 Nm
Center rod TU:	Hand tight
Out chamber:	40 Nm
Manifold:	25 Nm

General Tools:

- Socket wrenches - 13mm, 17mm, 19mm, 24mm
- Hexagonal box wrench - 5mm, 6mm
- Small crowbars - 2 (C/N/E/V)
- Open-end wrenches - 19mm, 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# 7)

KIT	K500D-MN	DIAPHRAGM
KIT	K500V-MN	VALVE
KIT	K500-MN	WET END REPAIR
KIT	K40/50-AM	AIR MOTOR
KIT	K40/50/80-AMS	AIR MOTOR SEAL

! * Throat bearing position 5-3, 772689 is only available as an assembly.
Positions 5-3, 5-9 and 5-10. Article code 020689