EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm pump

Model : NDP-50BA.-RC

Material: Aluminium (ADC12)

yamada Europe B.V.

Flange with internal thread

To Purchase:

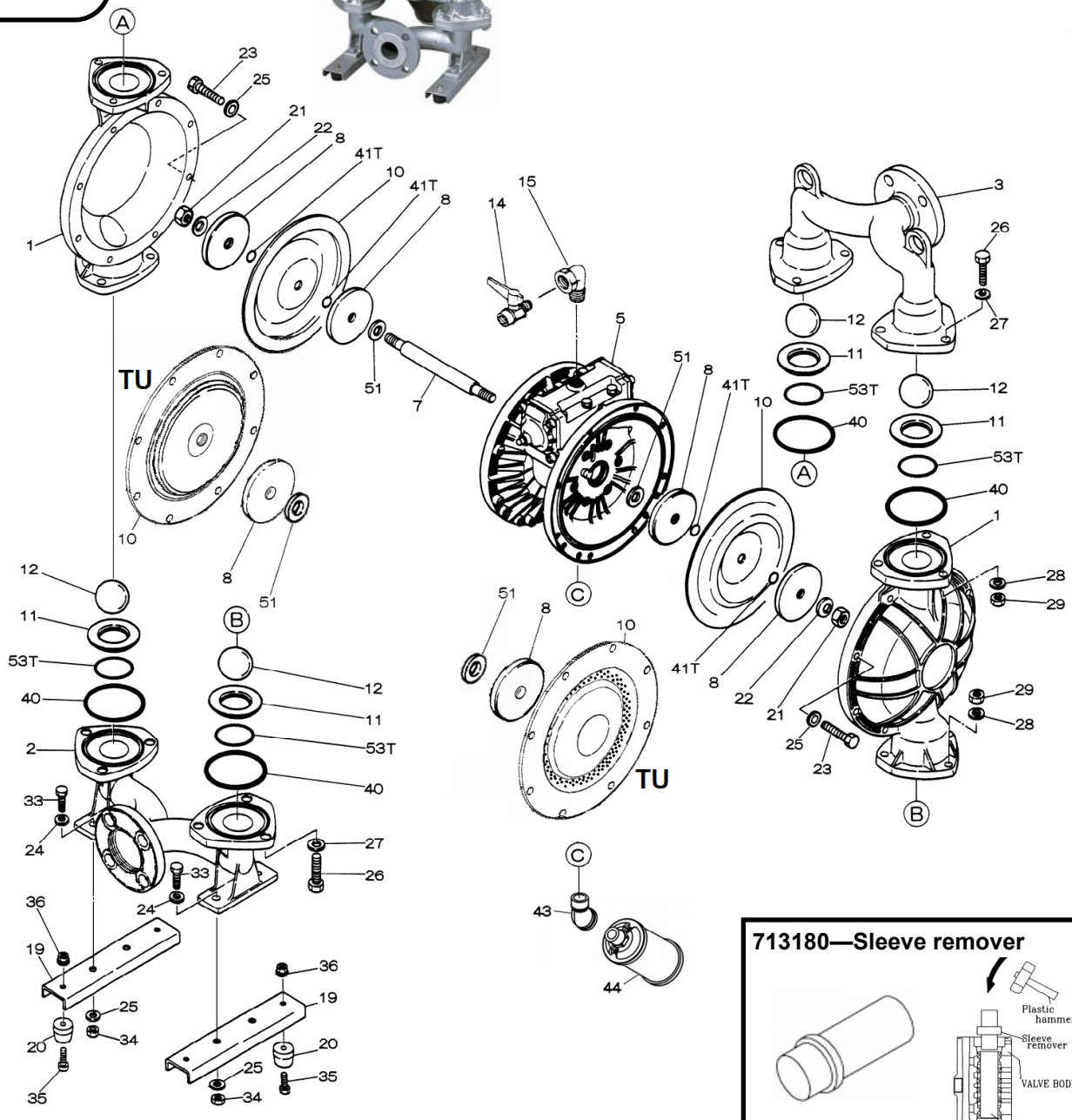
☎ 0031 (0)74 242 2032

sales@yamada.nl

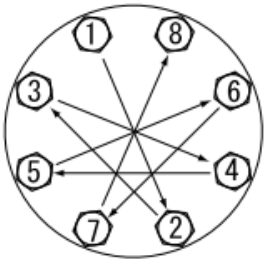
More information:

YouTube: @yamadapump

yamada-europe.com



713180—Sleeve remover



Tighting torque for:

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

Special tools (sold seperately)

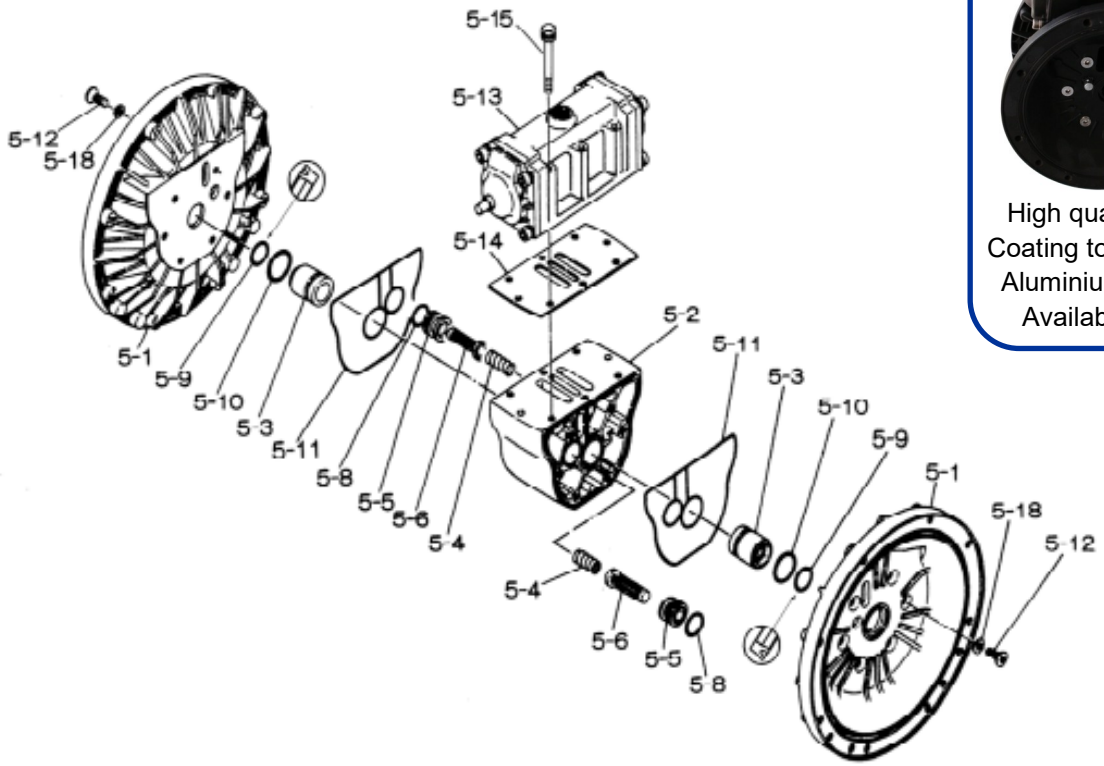
713180 Sleeve remover

Miscellaneous:

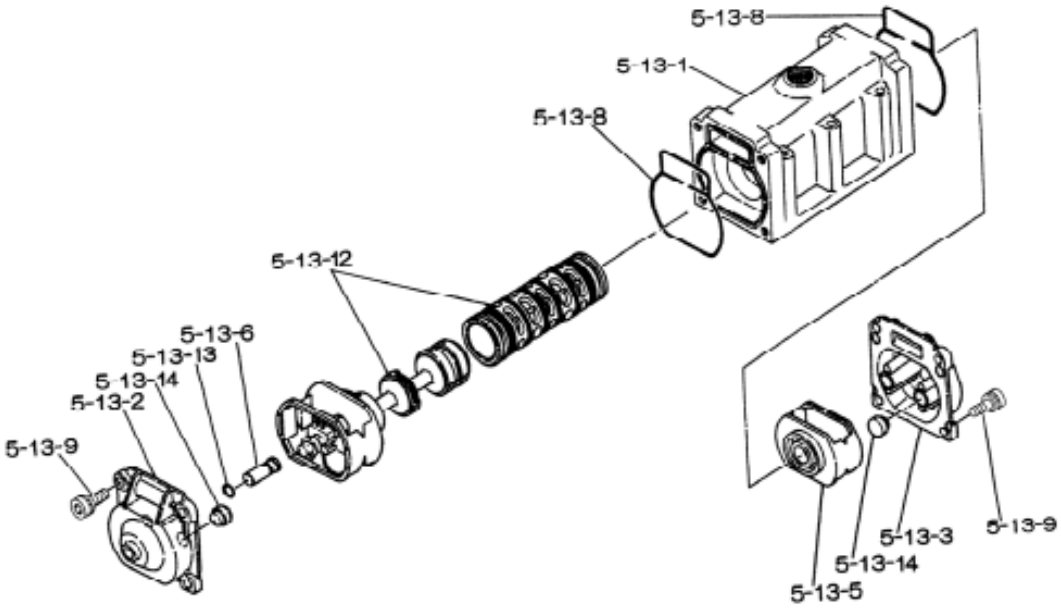
Assembly oil: use turbine oil none additional class 1
Equiv. to ISO VGA32 grade
Use Urea grease grade NLGI No. 2

Body Assembly

High quality PTFE Coating to protect the Aluminium motor is Available. (-XS)



Valve Body Assembly



EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm pump

Model : NDP-50BA.-RC

Material: Aluminium (ADC12)

yamada Europe B.V.

							DIAPHRAGM		CR	NBR	EPDM	HYTREL	SANTOPRENE	FPM	PTFE	PTFE-EPDM
									BAC	BAN	BAE	BAH	BAS	BAV	BAT	BATU
							Design #		854773	854774	854775	854778	854779	854776	854777	YE Original
					REF. No.	DESCRIPTION		Q'TY.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
					1	OUT CHAMBER		2	580961	580961	580961	580961	580961	580961	580961	580961
					2	IN MANIFOLD (FLANGE RC)		1	716682	716682	716682	716682	716682	716682	716682	716682
					3	OUT MANIFOLD (FLANGE RC)		1	716683	716683	716683	716683	716683	716683	716683	716683
					5	BODY ASSY		1	803122	803122	803122	803122	803122	803122	803122	803122
					5- 1	AIR CHAMBER		2	711934	711934	711934	711934	711934	711934	711934	711934
					5- 2	BODY		1	711947	711947	711947	711947	711947	711947	711947	711947
					*5- 3	THROAT BEARING		2	780325	780325	780325	780325	780325	780325	780325	780325
					5- 4	SPRING		2	711937	711937	711937	711937	711937	711937	711937	711937
					5- 5	VALVE SEAT		2	771740	771740	771740	771740	771740	771740	771740	771740
					5- 6	PILOT VALVE ASSY		2	832162	832162	832162	832162	832162	832162	832162	832162
					5- 8	O RING		2	640020	640020	640020	640020	640020	640020	640020	640020
					5- 9	PACKING		2	685444	685444	685444	685444	685444	685444	685444	685444
					5-10	O RING		2	640029	640029	640029	640029	640029	640029	640029	640029
					5-11	GASKET		2	771742	771742	771742	771742	771742	771742	771742	771742
					5-12	BOLT		12	683812	683812	683812	683812	683812	683812	683812	683812
					5-13	VALVE BODY ASSY		1	803120	803120	803120	803120	803120	803120	803120	803120
					5-13- 1	VALVE BODY		1	711946	711946	711946	711946	711946	711946	711946	711946
					5-13- 2	CAP A		1	580999	580999	580999	580999	580999	580999	580999	580999
					5-13- 3	CAP B		1	581000	581000	581000	581000	581000	581000	581000	581000
					5-13- 5	SPRING RETAINER		1	771735	771735	771735	771735	771735	771735	771735	771735
					5-13- 6	RESET BUTTON		1	712976	712976	712976	712976	712976	712976	712976	712976
					5-13- 8	GASKET		2	771738	771738	771738	771738	771738	771738	771738	771738
					5-13- 9	BOLT		8	685036	685036	685036	685036	685036	685036	685036	685036
					5-13-12	C SPOOL ASSY (C-spool + sleeve)		1	805084	805084	805084	805084	805084	805084	805084	805084
					5-13-13	O RING		1	640005	640005	640005	640005	640005	640005	640005	640005
					5-13-14	CUSHION		4	684128	684128	684128	684128	684128	684128	684128	684128
					5-14	GASKET		1	771712	771712	771712	771712	771712	771712	771712	771712
					5-15	BOLT & WASHER		6	684240	684240	684240	684240	684240	684240	684240	684240
					5-18	PLAIN WASHER		12	684987	684987	684987	684987	684987	684987	684987	684987
					7	CENTER ROD		1	711900	711900	711900	711900	711900	711900	711939	717130
					8	CENTER DISK DRY ALU		2	711904	711904	711904	711904	711904	711904	707822	717133
					8	CENTER DISK WET ALU		2	711904	711904	711904	711904	711904	711904	707822	-
					10	DIAPHRAGM		2	771855	771702	771856	771703	771976	771800	770815	833220
					11	VALVE SEAT RUBBER		4	771957	771995	771949	771794	772004	771987	-	-
					11	VALVE SEAT ALU		4	-	-	-	-	-	-	712383	712383
					12	BALL		4	770627	770630	770633	773143	773173	770636	770693	770693
					14	VALVE		1	686973	686973	686973	686973	686973	686973	686973	686973
					15	ELBOW		1	634034	634034	634034	634034	634034	634034	634034	634034
					19	BASE		2	711928	711928	711928	711928	711928	711928	711928	711928
					20	RUBBER FOOT		4	771402	771402	771402	771402	771402	771402	771402	771402
					21	NUT		2	683408	683408	683408	706128	683408	683408	706128	-
					22	CONED DISC SPRING		2	682740	682740	682740	682740	682740	682740	682740	-
					23	BOLT		16	686162	686162	686162	686162	686162	686162	686162	686162
					24	PLAIN WASHER		4	631014	631014	631014	631014	631014	631014	631014	631014
					25	WAVE WASHER		20	631917	631917	631917	631917	631917	631917	631917	631917
					26	BOLT		12	611203	611203	611203	611203	611203	611203	611203	611203
					27	PLAIN WASHER		12	631015	631015	631015	631015	631015	631015	631015	631015
					28	WAVE WASHER		12	631918	631918	631918	631918	631918	631918	631918	631918
					29	NUT		12	627014	627014	627014	627014	627014	627014	627014	627014
					33	BOLT		4	611175	611175	611175	611175	611175	611175	611175	611175
					34	NUT		4	627013	627013	627013	627013	627013	627013	627013	627013
					35	BOLT		4	611149	611149	611149	611149	611149	611149	611149	611149
					36	FLANGED NUT		4	682276	682276	682276	682276	682276	682276	682276	682276
					40	O RING		4	640069	640069	684122	640069	684122	642069	643069	643069
					41T	O RING		4	-	-	-	-	-	-	643015	-
					43	ELBOW		1	634050	634050	634050	634050	634050	634050	634050	634050
					44	MUFFLER		1	687235	687235	687235	687235	687235	687235	687235	687235
					51	CUSHION		2	770582	770582	770582	770582	770582	770582	-	773435
					53T	O RING		4	-	-	-	-	-	-	643139	643139
					KIT	***DIAPHRAGM***			***K50D-MC***	***K50D-MN***	***K50D-ME***	***K50D-MH***	***K50D-MS***	***K50D-MV***	***K50D-MT***	***K50D-TU***
					KIT	***VALVE***			***K50V-MC***	***K50V-MN***	***K50V-ME***	***K50V-MH***	***K50V-MS***	***K50V-MV***	***K50V-AT***	***K50V-AT***
					KIT	***WET END REPAIR***			***K50-MC***	***K50-MN***	***K50-ME***	***K50-MH***	***K50-MS***	***K50-MV***	***K50-MT***	***K50-TU***
					KIT	***AIR MOTOR***			***K40/50-AM***							***K40/50-AMTU***
					KIT	***AIR MOTOR SEAL***			***K40/50/80-AMS***							

O-rings sleeve

! * Throat bearing position 5-3, 780325 is only available as an assembly. Positions 5-3, 5-9 and 5-10. Article code 020689

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