

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm pump

Model : NDP-40BV.

Yamada Europe B.V.



Material: PVDF (Conductive Polivinyldene Fluoride)



To Purchase:

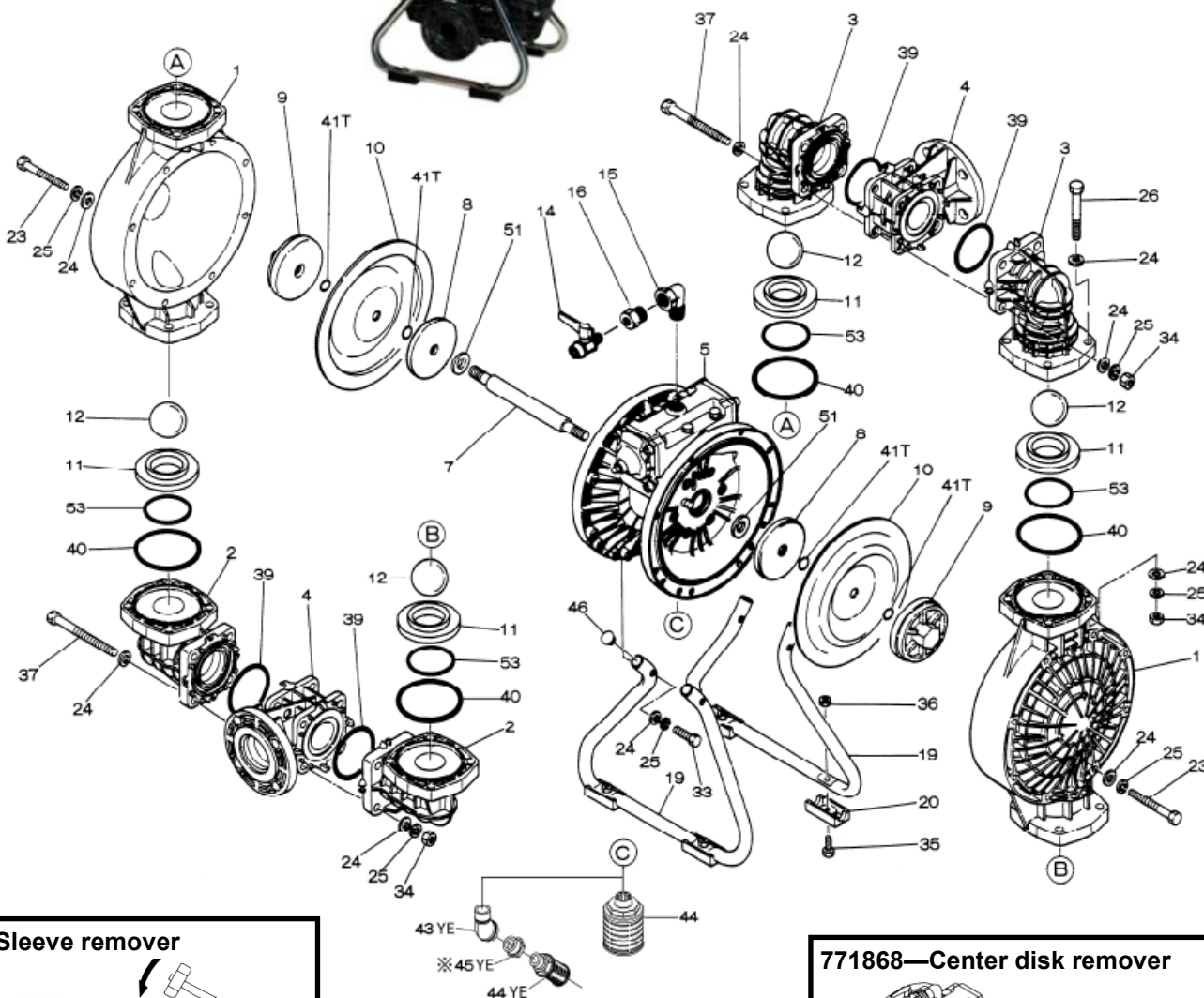
☎ 0031 (0)74 242 2032

✉ sales@yamada.nl

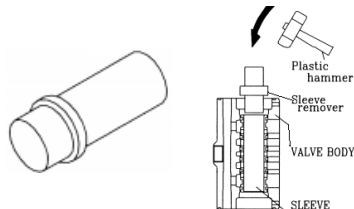
More information:

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

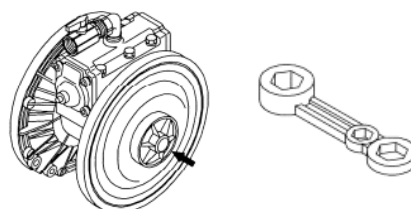
🌐 yamada-europe.com



713180—Sleeve remover



771868—Center disk remover



Tighting torque for:

Center rod: 50 Nm
Center rod TU: Hand tight
Out chamber: 35 Nm
Manifold: 20 Nm

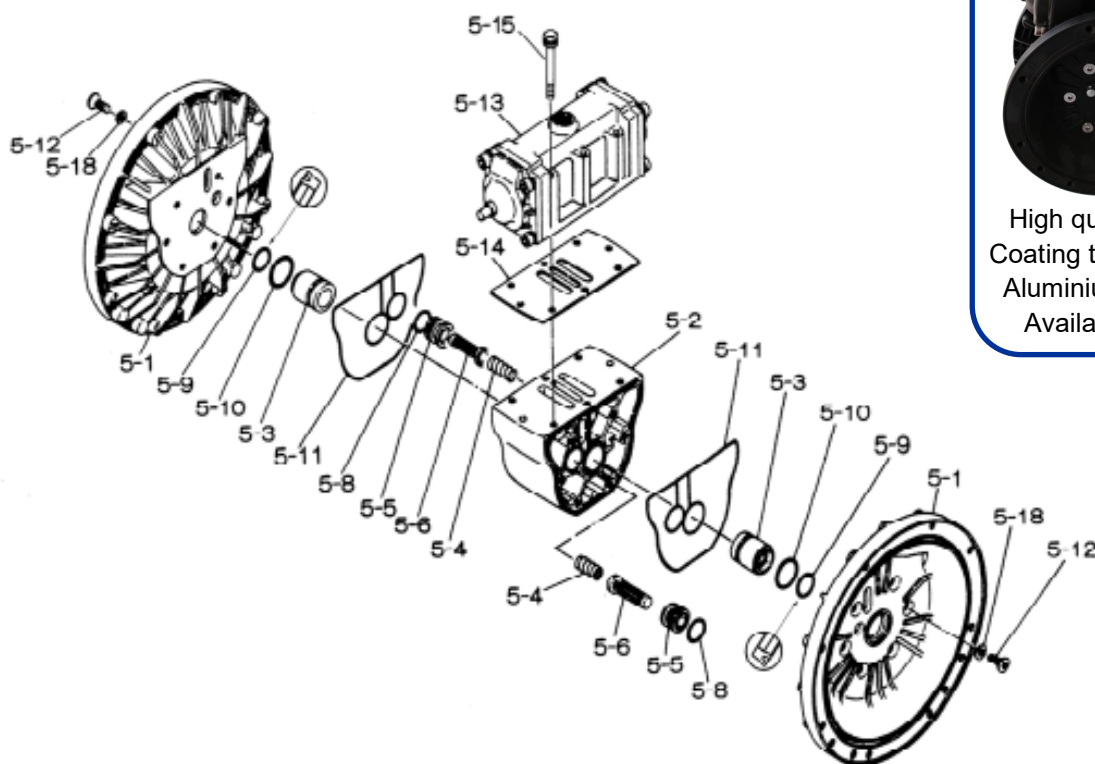
Special tools (sold seperately)

713180 Sleeve remover
771868 Center rod remover

Miscellaneous:

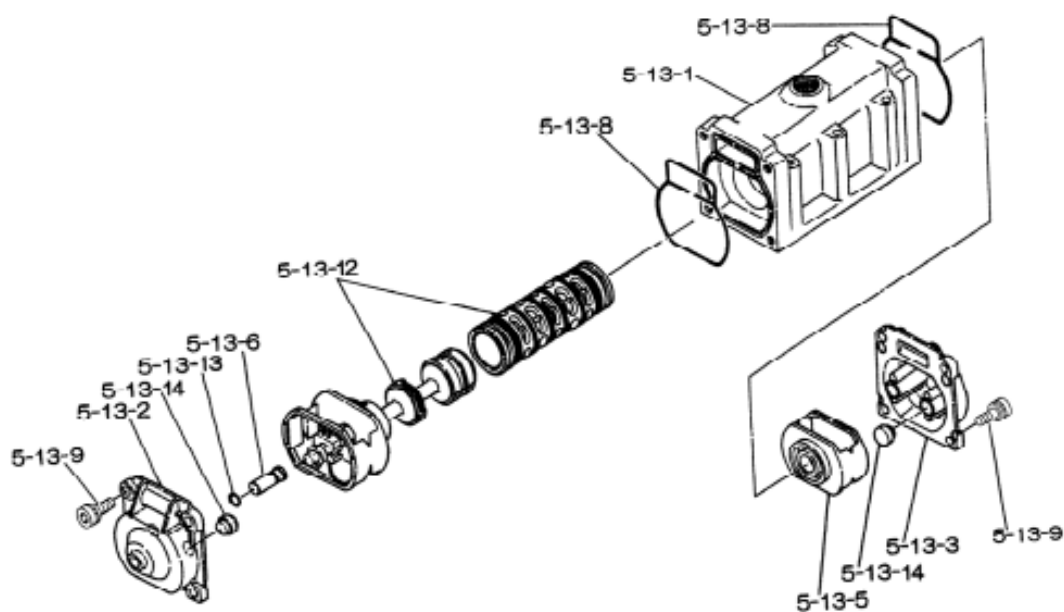
Assembly oil: use turbine oil none additional class 1
Equiv. to ISO VGA32 grade
Use Urea grease grade NLGI No. 2

Body Assembly



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

Valve Body Assembly



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Diaphragm

Design #

							EPDM BVE	SANTOPRENE BVS	PTFE BVT	EPDM-PTFE BVTU
							855067	855069	855068	YE Original
							Part No.	Part No.	Part No.	Part No.
					1	OUT CHAMBER	2	780257	780257	780257
					2	IN MANIFOLD	2	780251	780251	780251
					3	OUT MANIFOLD	2	780258	780258	780258
					4	CENTER MANIFOLD	2	780219	780219	780219
					5	BODY ASSY	1	803121	803121	803121
					5- 1	AIR CHAMBER	2	711933	711933	711933
					5- 2	BODY	1	711947	711947	711947
					5- 3	THROAT BEARING	2	772689	772689	772689
					5- 4	SPRING	2	711937	711937	711937
					5- 5	VALVE SEAT	2	771740	771740	771740
					5- 6	PILOT VALVE ASSY	2	832162	832162	832162
					5- 8	O RING	2	640020	640020	640020
					5- 9	PACKING	2	685444	685444	685444
					5-10	O RING	2	640029	640029	640029
					5-11	GASKET	2	771742	771742	771742
					5-12	BOLT	12	683812	683812	683812
					5-13	VALVE BODY ASSY	1	803120	803120	803120
					5-13- 1	VALVE BODY	1	711946	711946	711946
					5-13- 2	CAP A	1	580999	580999	580999
					5-13- 3	CAP B	1	581000	581000	581000
					5-13- 5	SPRING RETAINER	1	771735	771735	771735
					5-13- 6	RESET BUTTON	1	712976	712976	712976
					5-13- 8	GASKET	2	771738	771738	771738
					5-13- 9	BOLT	8	685036	685036	685036
					5-13-12	C SPOOL ASSY	1	805084	805084	805084
					5-13-13	O RING	1	640005	640005	640005
					5-13-14	CUSHION	4	684128	684128	684128
					5-14	GASKET	1	771712	771712	771712
					5-15	BOLT & WASHER	6	684240	684240	684240
					5-18	PLAIN WASHER	12	684987	684987	684987
					7	CENTER ROD	1	711900	711939	711900
					8	CENTER DISK	2	711902	707817	711902
					9	CENTER DISK	2	772730	780207	772730
					10	DIAPHRAGM	2	771854	770814	771975
					11	VALVE SEAT	4	772739	772739	772739
					12	BALL	4	770593	770692	773172
					14	VALVE	1	686971	686971	686971
					15	ELBOW	1	634034	634034	634034
					16	BUSHING	1	634601	634601	634601
					19	STAND	2	711925	711925	711925
					20	RUBBER FOOT	4	771865	771865	771865
					23	BOLT	16	686156	686156	686156
					24	PLAIN WASHER	68	631330	631330	631330
					25	SPRING WASHER	44	680257	680257	680257
					26	BOLT	16	621183	621183	621183
					33	BOLT	4	621179	621179	621179
					34	NUT	24	628013	628013	628013
					35	BOLT	4	621149	621149	621149
					36	FLANGED NUT	4	683837	683837	683837
					37	BOLT	8	683542	683542	683542
					39	O RING	4	683998	643060	643060
					40	O RING	4	684121	643064	643064
					41T	O RING	4	—	643015	—
					43YE	ELBOW	1	634050	634050	634050
					44YE	MUFFLER	1	680913	680913	680913
					45YE	BUSHING	1	634605	634605	634605
					46	CAP	4	683641	683641	683641
					51	CUSHION	2	770582	—	770582
					53	O RING	4	685447	643136	643136
					KIT	DIAPHRAGM	K40D-PE	K40D-PS-1	K40D-PT	K40D-PTU
					KIT	VALVE	K40V-VE	K40V-VS	K40V-VT	K40V-VT
					KIT	WET END REPAIR	K40-PE	K40-VS-1	K40-PT	K40-PTU
					KIT	AIR MOTOR	K40/50-AM			
					KIT	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

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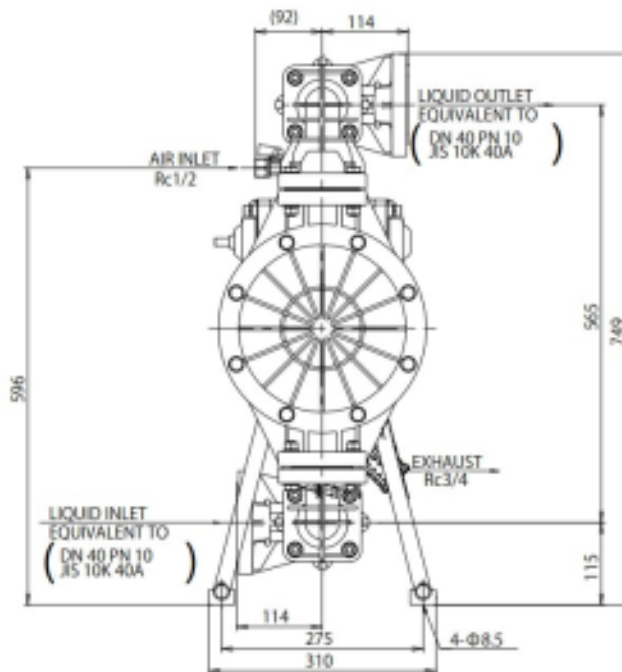
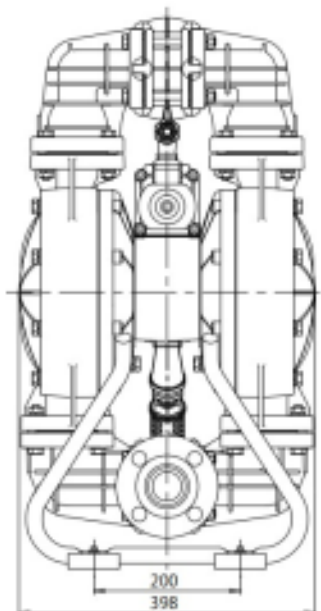
Yamada Europe B.V.



Material: PVDF (Conductive Polyvinylidene Fluoride)

Diaphragm options	CR, EPDM, NBR, FPM, TPEE, TPO	PTFE	TU
Max performance	370 L/min	330 L/min	360 L/min
Manifold connection	* Equivalent to DIN; Flange DN40 PN10		
Net Weight	32,0 kg		

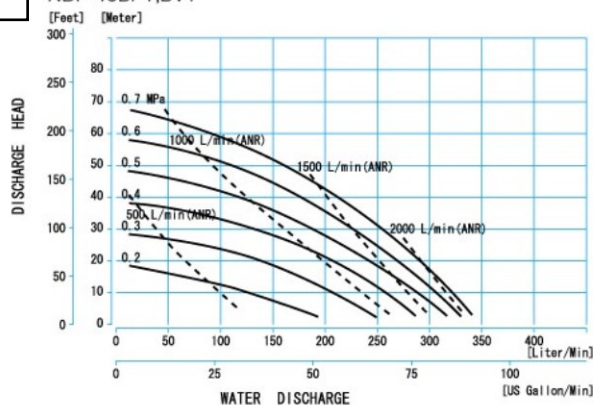
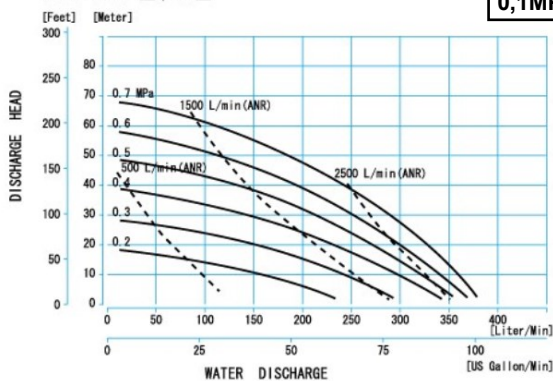
* ANSI 150 1½ available on request



NDP-40BP □, BV □

0,1MPa = 1Bar

NDP-40BPT,BVT



NDP-40BPTU ,BVTU

