

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm pump

Model : DP-10BA.

Yamada Europe B.V.



Material: Aluminium (ADC12)



DP PUMPS REQUIRE A FRL UNIT TO LUBRICATE THE COMPRESSED AIR



To Purchase:

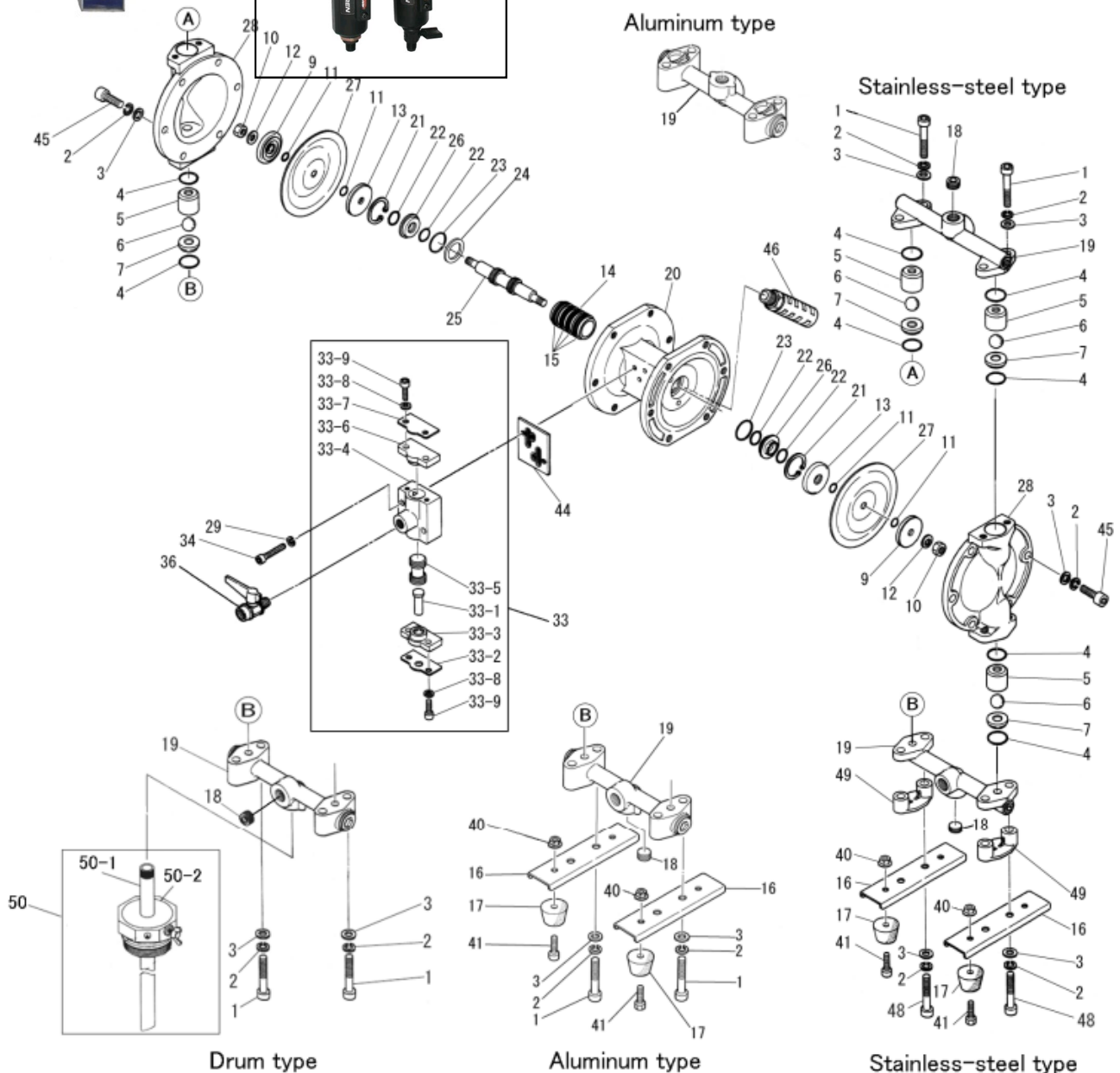
0031 (0)74 242 2032

sales@yamada.nl

More information:

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

yamada-europe.com



Drum type

Aluminum type

Stainless-steel type



Tighting torque for:

Center rod: 14Nm
Out chambers: 12Nm
Manifolds: 12Nm

Special tools (sold seperately)

None

Miscellaneous:

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

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DIAPHRAGM

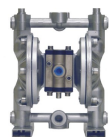
Design



				REF. No.	DESCRIPTION	Q'TY.	CR	NBR	EPDM	HYTREL	SANTOPRENE	PTFE	PTFE-EPDM
							BAC	BAN	BAE	BAH	BAS	BAT	BATU
							851743	851742	YE Original	851750	852674	851945	YE Original
							Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
				1	BOLT	8	681295	681295	681295	681295	681295	681295	681295
				2	SPRING WASHER	20	681300	681300	681300	681300	681300	681300	681300
				3	PLAIN WASHER	20	631329	631329	631329	631329	631329	631329	631329
				4	O RING	4	643018	643018	684112	643018	643018	643018	643018
				5	BALL GUIDE	4	771368	771368	771368	771368	771368	771368	771368
				6	BALL	4	770970	770972	771978	773124	773168	770931	770931
				7	VALVE SEAT	4	710638	710638	710638	710638	710638	710638	710638
				8	O RING	4	643017	643017	684112	643017	643017	643017	643017
				9	CENTER DISK	2	708770	708770	708770	708770	708770	708770	—
				10	NUT	2	681849	681849	681849	681849	681849	681849	—
				11	O RING	4	640005	640005	643005	—	—	643005	—
				12	CONED DISC SPRING	2	684916	684916	684916	684916	684916	684916	—
				13	CENTER DISK	2	709512	709512	709512	709512	709512	709512	020109
				14	SLEEVE	1	714678	714678	714678	714678	714678	714678	714678
				15	O RING	4	684900	684900	684900	684900	684900	684900	684900
				16	BASE	2	717184	717184	717184	717184	717184	717184	717184
				17	RUBBER FOOT	4	771123	771123	771123	771123	771123	771123	771123
				18	PLUG	2	682279	682279	682279	682279	682279	682279	682279
				19	MANIFOLD ASSY	2	802559	802559	802559	802559	802559	802559	802559
				20	BODY	1	715106	715106	715106	715106	715106	715106	715106
				21	RETAINING RING	2	630807	630807	630807	630807	630807	630807	630807
				22	PACKING	4	684284	684284	684284	684284	684284	684284	684284
				23	O RING	2	640131	640131	640131	640131	640131	640131	640131
				24	SPACER	1	772651	772651	772651	772651	772651	772651	772651
				25	CENTER ROD ASSY	1	801785	801785	801785	801785	801785	801785	021785
				26	GUIDE BUSHING	2	772619	772619	772619	772619	772619	772619	772619
				27	DIAPHRAGM	2	770971	770973	771848	771372	771972	770933	833027
				28	OUT CHAMBER	2	710572	710572	710572	710572	710572	710572	710572
				29	SPRING WASHER	2	681855	681855	681855	681855	681855	681855	681855
				33	VALVE BODY ASSY	1	804504	804504	804504	804504	804504	804504	804504
				33- 1	RESET BUTTON	1	706798	706798	706798	706798	706798	706798	706798
				33- 2	PLATE A	1	710587	710587	710587	710587	710587	710587	710587
				33- 3	SPOOL END COVER	1	771357	771357	771357	771357	771357	771357	771357
				33- 4	SPOOL CASE	1	710574	710574	710574	710574	710574	710574	710574
				33- 5	SPOOL ASSY	1	801404	801404	801404	801404	801404	801404	801404
				33- 6	SPOOL COVER	1	771356	771356	771356	771356	771356	771356	771356
				33- 7	PLATE B	1	710636	710636	710636	710636	710636	710636	710636
				33- 8	SPRING WASHER	4	681855	681855	681855	681855	681855	681855	681855
				33- 9	BOLT	4	682943	682943	682943	682943	682943	682943	682943
				34	BOLT	2	682918	682918	682918	682918	682918	682918	682918
				36	VALVE	1	686825	686825	686825	686825	686825	686825	686825
				40	FLANGED NUT	4	682817	682817	682817	682817	682817	682817	—
				41	BOLT	4	611101	611101	611101	611101	611101	611101	611101
				44	GASKET	1	771358	771358	771358	771358	771358	771358	771358
				45	BOLT	12	682944	682944	682944	682944	682944	682944	682944
				46	MUFFLER	1	681293	681293	681293	681293	681293	681293	681293
				KIT	DIAPHRAGM		K10D-AC	K10D-AN	K10D-ME	K10D-AH	K10D-AS	K10D-MT	K10D-MTU
				KIT	VALVE		K10V-AC	K10V-AN	K10V-AE	K10V-AH	K10V-AS	K10V-AT	K10V-AT
				KIT	WET END REPAIR		K10-AC	K10-AN	K10-AE	K10-AH	K10-AS	K10-AT	K10-ATU
				KIT	AIR MOTOR		K10-AM						
				KIT	AIR MOTOR SEAL		K10-AMS						

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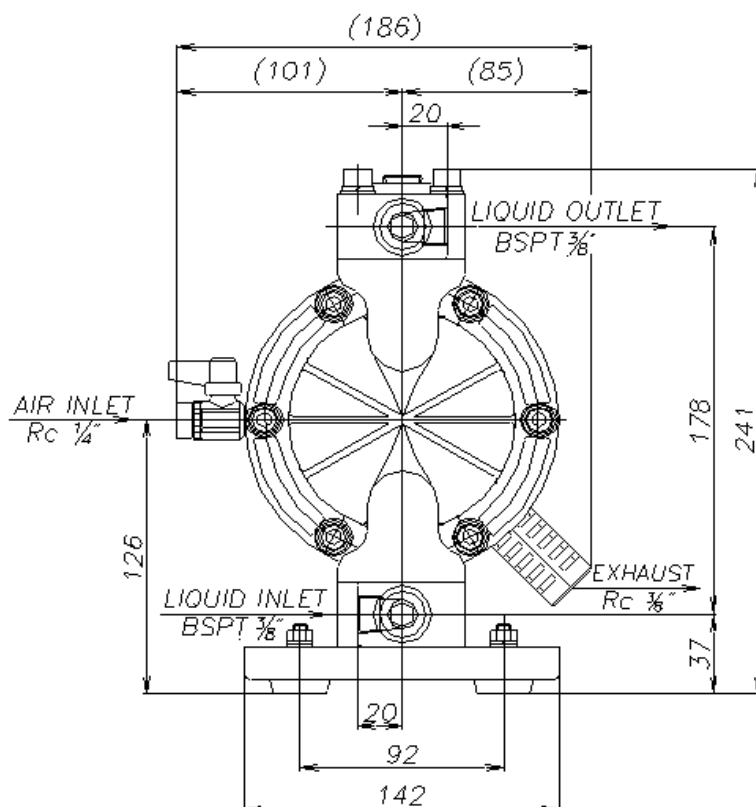
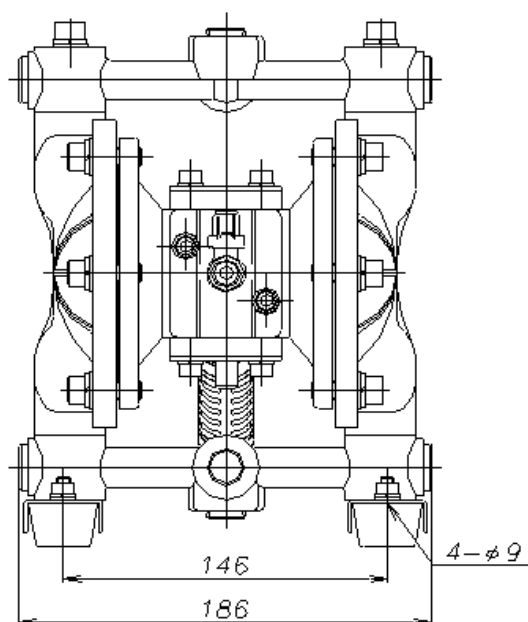
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Diaphragm options	CR, NBR, EPDM, TPEE, TPO, PTFE
Max performance	20 L/min
Manifold connection	BSPT 3/8"
Net Weight	3,5 kg



0,1MPa = 1Bar

