

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm pump

Model : DP-10BS.

Yamada Europe B.V.



Material: Stainless steel 316 (SCS14)

DP PUMPS REQUIRE A FRL UNIT TO LUBRICATE THE COMPRESSED AIR



To Purchase:

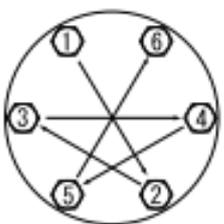
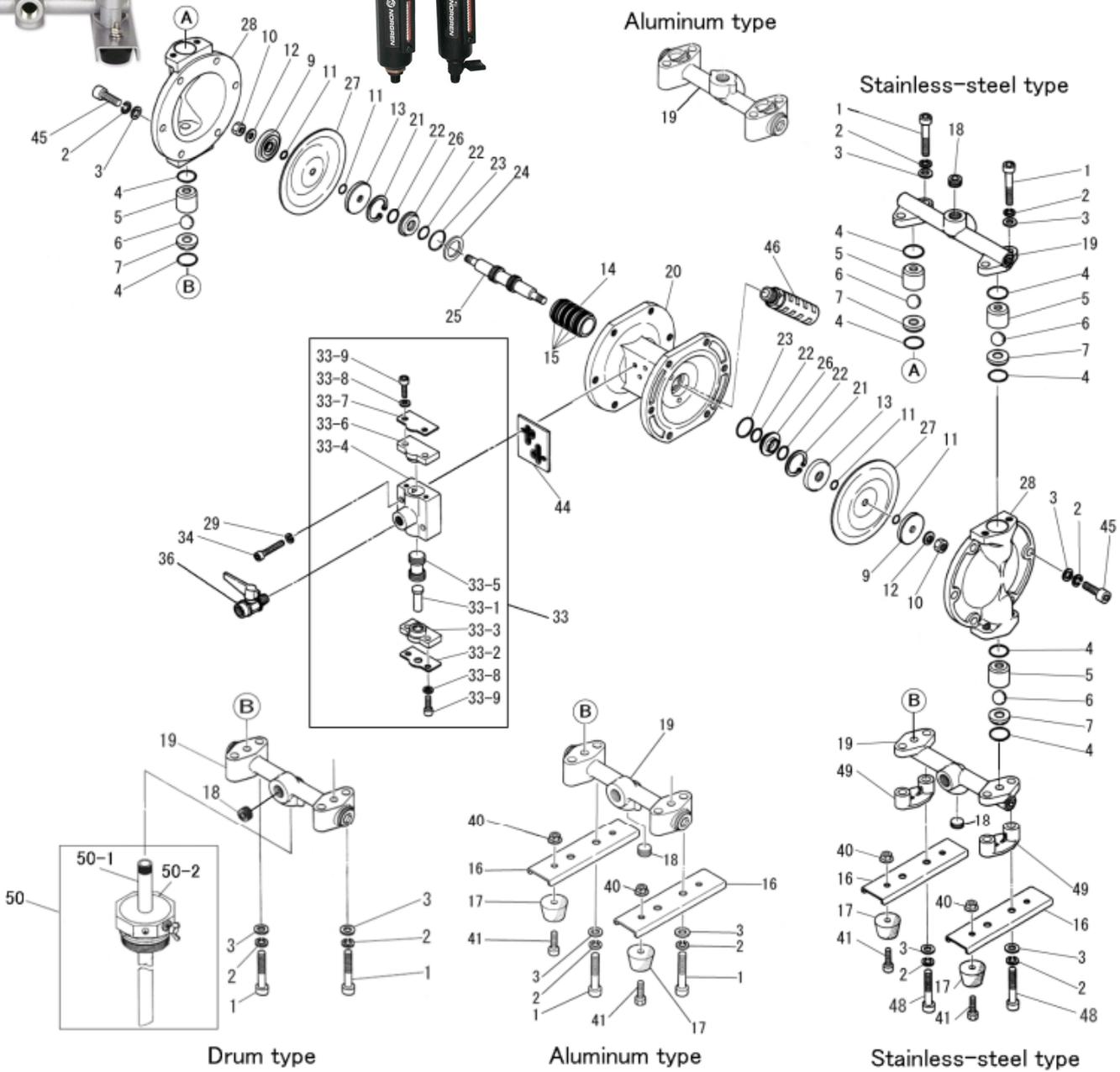
☎ 0031 (0)74 242 2032

✉ sales@yamada.nl

More information:

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

🌐 yamada-europe.com



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

EXPLODED VIEW & PARTS LISTING

Model : DP-10BS.

Yamada Europe B.V.



Air Operated Double Diaphragm pump

Material: Stainless steel 316 (SCS14)

DIAPHRAGM



Design #

CR	NBR	EPDM	HYTREL	SANTOPRENE	PTFE
BSC	BSN	BSE	BSH	BSS	BST
851746	851747	YE Original	851751	852675	851741

REF. No.	DESCRIPTION	Q'TY.	Part No.					
1	BOLT	4	681297	681297	681297	681297	681297	681297
2	SPRING WASHER	20	681300	681300	681300	681300	681300	681300
3	PLAIN WASHER	20	631329	631329	631329	631329	631329	631329
4	O RING	8	640018	640018	684112	640018	684112	643018
5	BALL GUIDE	4	710637	710637	710637	710637	710637	710637
6	BALL	4	770970	770972	771978	773124	773168	770931
7	VALVE SEAT	4	708913	708913	708913	708913	708913	708913
9	CENTER DISK	2	708506	708506	708506	708506	708506	708506
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
14	SLEEVE	1	714678	714678	714678	714678	714678	714678
15	O RING	4	684900	684900	684900	684900	684900	684900
16	BASE	2	717184	717184	717184	717184	717184	717184
17	RUBBER FOOT	4	771123	771123	771123	771123	771123	771123
18	PLUG	2	709340	709340	709340	709340	709340	709340
19	MANIFOLD ASSY	2	831529	831529	831529	831529	831529	831529
20	BODY	1	715106	715106	715106	715106	715106	715106
21	RETAINING RING	2	630807	630807	630807	630807	630807	630807
22	PACKING	4	684284	684284	684284	684284	684284	684284
23	O RING	2	640131	640131	640131	640131	640131	640131
24	SPACER	1	772651	772651	772651	772651	772651	772651
25	CENTER ROD ASSY	1	801785	801785	801785	801785	801785	801785
*26	GUIDE BUSHING	2	772619	772619	772619	772619	772619	772619
27	DIAPHRAGM	2	770971	770973	771848	771372	771972	770933
28	OUT CHAMBER	2	710660	710660	710660	710660	710660	710660
29	SPRING WASHER	2	681855	681855	681855	681855	681855	681855
33	VALVE BODY ASSY	1	804504	804504	804504	804504	804504	804504
33-1	RESET BUTTON	1	706798	706798	706798	706798	706798	706798
33-2	PLATE A	1	710587	710587	710587	710587	710587	710587
33-3	SPOOL END COVER	1	771357	771357	771357	771357	771357	771357
33-4	SPOOL CASE	1	710574	710574	710574	710574	710574	710574
33-5	SPOOL ASSY	1	801404	801404	801404	801404	801404	801404
33-6	SPOOL COVER	1	771356	771356	771356	771356	771356	771356
33-7	PLATE B	1	710636	710636	710636	710636	710636	710636
33-8	SPRING WASHER	4	681855	681855	681855	681855	681855	681855
33-9	BOLT	4	682943	682943	682943	682943	682943	682943
34	BOLT	2	682918	682918	682918	682918	682918	682918
36	VALVE	1	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
44	GASKET	1	771358	771358	771358	771358	771358	771358
45	BOLT	12	682944	682944	682944	682944	682944	682944
46	MUFFLER	1	681293	681293	681293	681293	681293	681293
48	BOLT	4	682971	682971	682971	682971	682971	682971
49	COLLAR	2	771380	771380	771380	771380	771380	771380
KIT	DIAPHRAGM		K10D-MC	K10D-MN	K10D-ME	K10D-MH	K10D-MS	K10D-MT
KIT	VALVE		K10V-SC	K10V-SN	K10V-SE	K10V-SH	K10V-SS	K10V-ST
KIT	WET END REPAIR		K10-SC	K10-SN	K10-SE	K10-SH	K10-SS	K10-ST
KIT	AIR MOTOR		K10-AM					
KIT	AIR MOTOR SEAL		K10-AMS					

*Guide Bush position 26, 772619 is only available as an assembly. Positions 22 and 26. Article code 020521

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm pump



MODEL : DP-10BS.

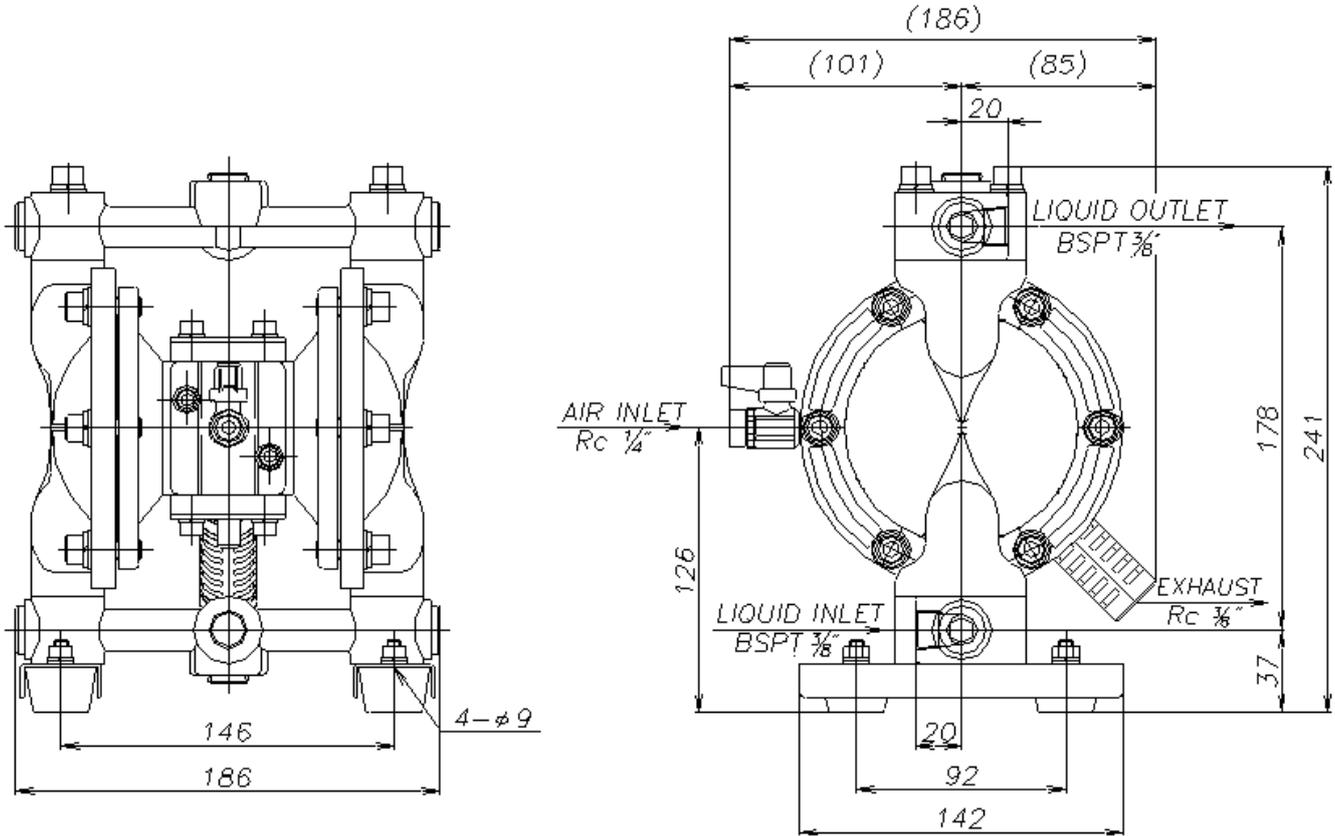
Model : DP-10BS.

Yamada Europe B.V.



Material: Stainless steel 316 (SCS14)

Diaphragm options	CR, NBR, EPDM, TPEE, TPO, PTFE
Max performance	20 L/min
Manifold connection	BSPT 3/8"
Net Weight	5,2 kg



0,1MPa = 1Bar

