

API Tank Truck Adaptor

CIVACON's API bottom loading adaptors are precisely engineered to match standard loading couplers and increase service performance.



891BA, API Adaptor

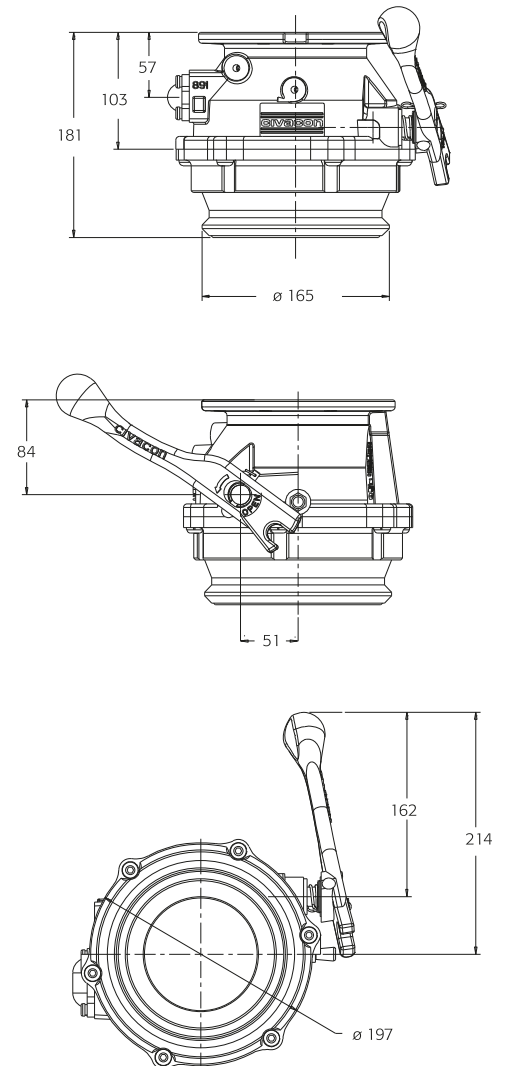
891NB, API Adaptor

Features and Benefits

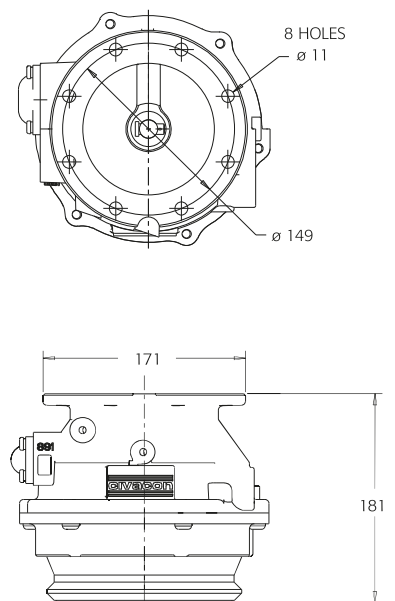
- **Designed in accordance** with API RP 1004 and EN13083
- **Two piece** lightweight aluminium construction for maximum strength and weight reduction
- **4" TTMA** mounting flange
- **Nominal size 4" or DIN100**
- **Rotatable** hard-coated nose piece for maximum service life
- **Flat bottom** ensures complete drainage
- **Minimum number of internals** to minimize pressure drop and improve flow rate
- **Bushed running surfaces** for efficient operation
- **Stainless Steel** internals for maximum service life
- **Viton GFLT** seals
- **Compatible** with diesel, bio diesel, gasoline, ethanol and methanol
- **Heavy duty** poppet with an acetal resin bearing for smoother opening characteristics
- **Easy-grip** aluminium lever
- **Mounting plugs** for model 300/301 air interlock valve
- **Grease nipple** on handle for easy maintenance

Specifications

891BA API ADAPTER OPENABLE



891NB API ADAPTER NON-OPENABLE



All dimensions are in mm

Spare parts

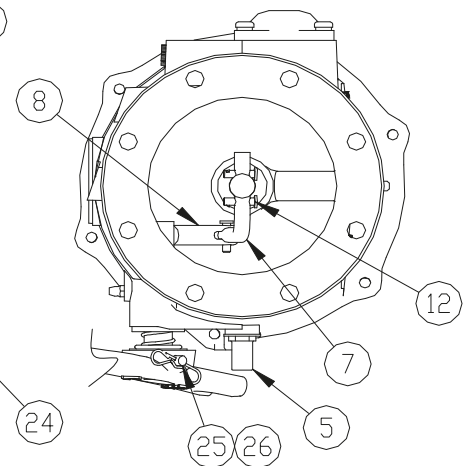
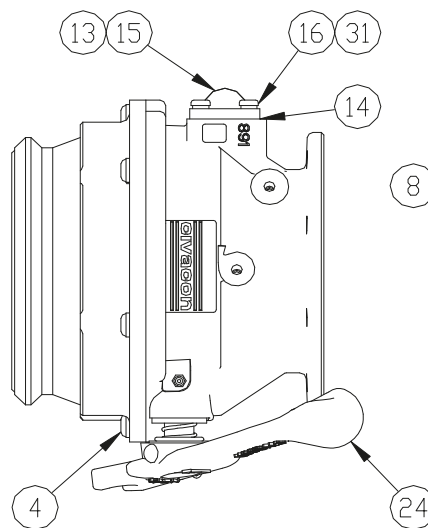
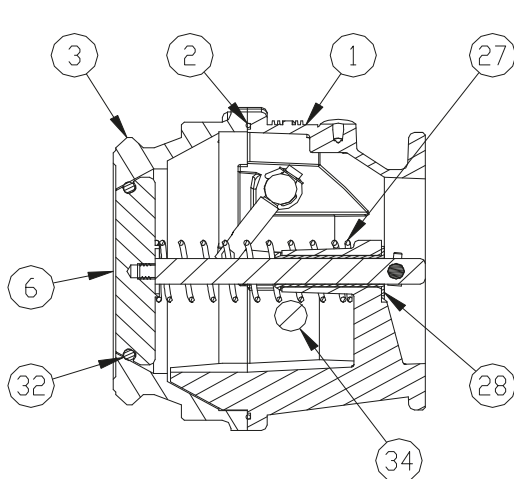
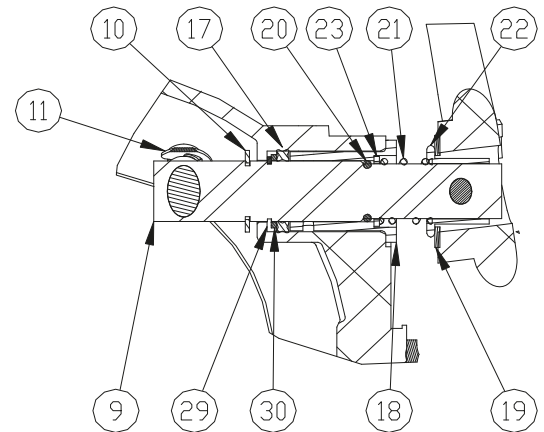
REPAIR KIT

891HRK	Handle repair kit
891ORK	O-Ring Repair Kit
891SRK	Shaft Repair Kit
891BRK	Sight glass repair kit for 891-897-861

Spare part only supplied as complete kit

Item	Part Nr	Description	QTY	Item	Part Nr	Description	QTY
1	11548	BODY, MACHINED	1	18	11536 ³	BEARING	1
2	11905 ²	O-RING	1	19	10840 ^{1,3}	NYLON WASHER	1
3	11550	ADAPTOR FACE	1	20	H06924M ^{2,3}	O-RING	1
4	12514	BUTTO HEAD CAP SCREW	6	21	H20182M ^{1,3}	SPRING	1
5	12489	STOP PIN	1	22	11490 ^{1,3}	HUB	1
6	11850	POPPET	1	23	H20199M ³	NYLON WASHER	1
7	12331	LINK, POPPET/HANDLE	1	24	11460 ¹	HANLDE	1
8	12330	LINK, SHAFT	1	25	H08901M ^{1,3}	FULCRUM PIN	1
9	11543 ³	SHAFT	1	26	11623 ^{1,3}	BOWTIE CLIP	1
10	11661	E-CLIP	1	27	11664	SPRING	1
11	11662	E-CLIP	1	28	11665	BEARING	1
12	11618	CLEVIS PIN	3	29	11703 ³	RETAINING RING	1
13	11365M ⁴	SIGHT GLASS	1	30	11704 ³	WASHER	1
14	H51437M ⁴	O-RING	1	31	H20057M	LOCK WASHER	4
15	H51384M ⁴	FLOAT BALL	1	32	H20058M ²	O-RING	1
16	12490 ⁴	SCREW	4	33	120491	PLUG, 3/8" NPT	1
17	11705 ^{2,3}	QUAD RING	1				

1-Included in 891HRK, 2-Included in 891ORK, 3-Included in 891SRK, 4-Included in 891BRK



General specifications

Nominal size	4" or DIN100
Maximum flow rate	2.500 litre/minute
Seal	Viton GFLT
Working temp.	-40°C to +70°C other temp. on request
Weight	891BA 5,1 Kg 891NB 4,2 Kg 891N 4,2 Kg

Ordering specifications

Art. number	Description
891	API Adaptor with Handle
891BA	4" API bottom loading adaptor with aluminium handle and sight glass
891NB	4" API non-openable bottom loading adaptor with sight glass
891N	4" API non-openable bottom loading adaptor

Related products

Art. number	Description
300/301	Air interlock valve
875-AL40	API dust cap
11240	4" TTMA sight glass
11293M	Guard bar interlock
GASK0052	4" TTMA gasket
FAL0009	4" TTMA flange aluminium
FST0025	4" TTMA flange steel

API Tank Truck Adaptor

The new API Lock Assembly is designed to restrict unauthorized personnel from unloading valuable products from your trailer compartments. The addition of the air operated lock to the Civacon 891 API adaptor will ensure protection from fuel theft.



891BA-LKE



891NB-LKE

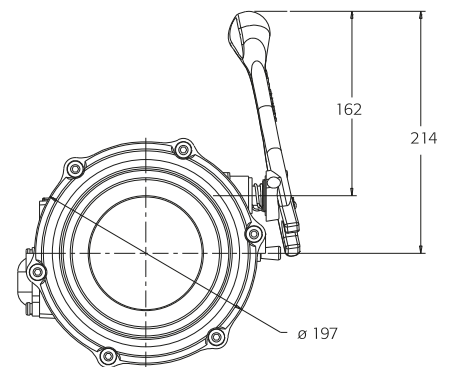
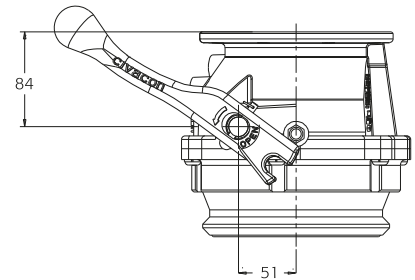
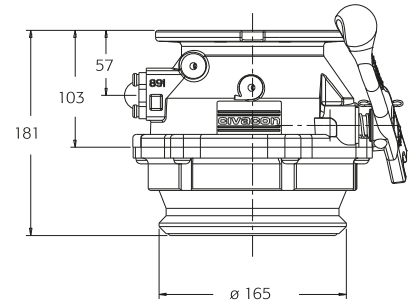
Features and Benefits

- Air operated lock feature on the 891 API adaptor
- Remotely air operated lock will ensure fuel is not unloaded by unauthorized individuals
- Manual bypass will unlock the API if air operation becomes unavailable
- High Flow Adaptor with reduced retention
- Stainless Steel Internals for strength and durability
- Precision manufacturing for long lasting dependable operation
- Conforms to API 1004 and EN13083
- Compatible with diesel, biodiesel, gasoline, ethanol and methanol

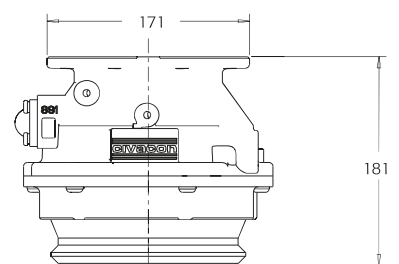
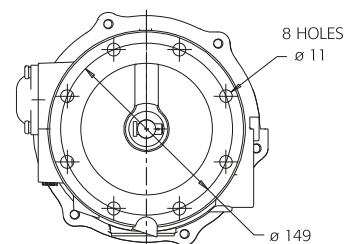


Specifications

891BA-LKE API ADAPTER OPENABLE



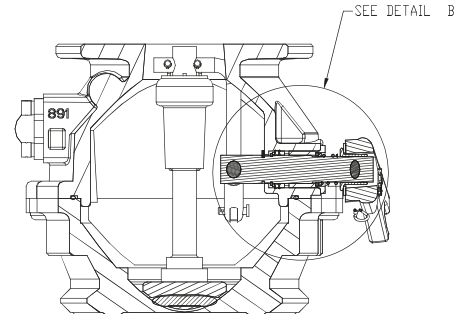
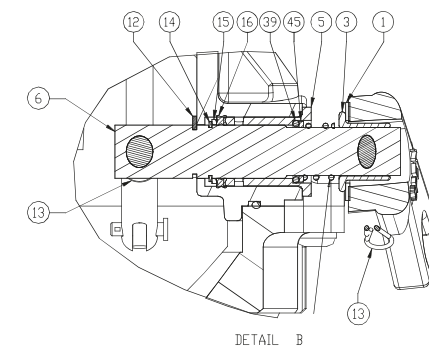
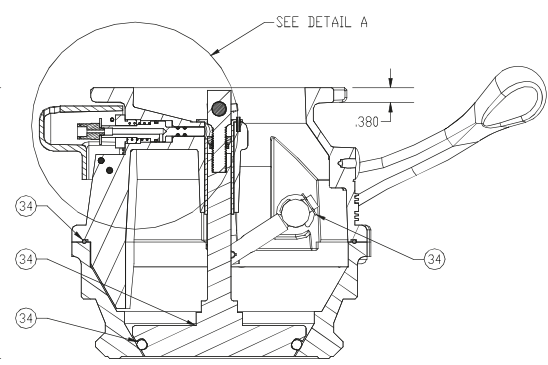
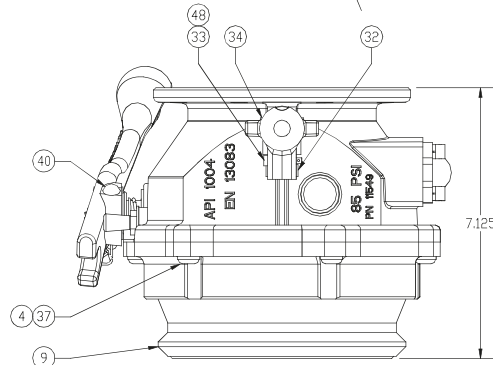
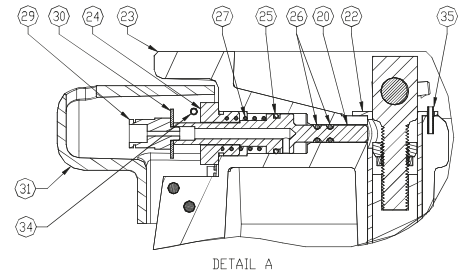
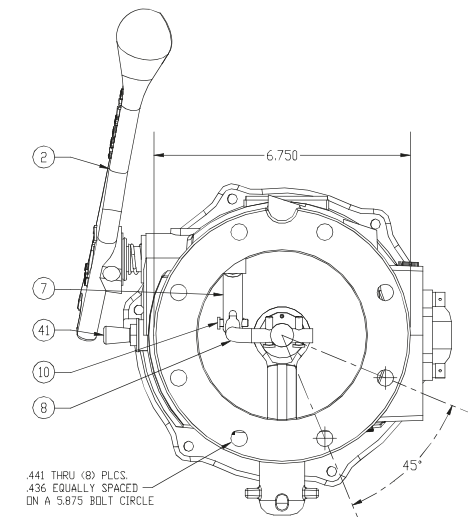
891NB-LKE API ADAPTER NON-OPENABLE



All dimensions are in mm

Spare parts

Item	Part Nr	Description	QTY
1	10840	NYLON WASHER	1
2	11460	HANDLE	1
3	11490	HUB	1
4	12514	SCREW	6
5	11536	BEARING	1
6	11543	SHAFT	1
7	11544	LINK, SHAFT	1
8	11545	LINK, POPPET	1
9	11550	ADAPTOR FACE	1
10	11618	CLEVIS PIN	3
11	11623	BOWTIE CLIP	1
12	11661	E-CLIP	1
13	11662	E-CLIP	1
14	11703	RETAINING RING	1
15	11704	WASHER	1
16	11705	QUAD RING	1
17	11905	O-RING	1
18	12266	ROD END	1
19	12267	ADJ. NUT	1
20	12268	LOCKING PIN	1
21	12271	POPPET	1
22	12272	BEARING	1
23	12273	BODY	1
24	12274	CYLINDER PLUG	1
25	12276	O-RING	1
26	12277	O-RING	2
27	12278	SPRING	1
28	12279	JAM NUT	1
29	12280	AIR FITTING, NPT	1
30	12281	WASHER	1
31	12282	BYPASS GUARD	1
32	12283	RIVET	1
33	12284	CLEVIS PIN	1
34	12285	ROLL PIN	1
35	12289	ROLL PIN	1
36	12291	SCREW	4
37	10806M	LOCK WASHER	6
38	11365M	SIGHT GLASS	1
39	H06924M	O-RING	1
40	H08901M	PIN	1
41	H20051M	STOP PIN	1
42	H20057M	LOCK WASHER	4
43	H20058M	O-RING	1
44	H20182M	SPRING	1
45	H20199M	WASHER	1
46	H51384M	BALL FLOAT	1
47	H51437M	O-RING	1
48	H53043M	TAMPER CABLE	1



General specifications

Nominal size	4" or DIN100
Maximum flow rate	2.500 litre/minute
Seal	Viton GFLT
Working temp.	-40°C to +70°C other temp. on request
Weight	891BA-LKE 5,1 Kg

Ordering specifications

Art. number	Description
891BA-LKE	Lockable open API
891NB-LKE	Lockable non-openable API

Related products

Art. number	Description
300/301	Air interlock valve
875-AL40	API dust cap
11240	4" TTMA sight glass
11293M	Guard bar interlock
GASK0052	4" TTMA gasket
FAL0009	4" TTMA flange aluminium
FST0025	4" TTMA flange steel