

SPARE PARTS CATALOGUE 2015



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2 Wire Optic Overfill Sensor

Art. DT2.03

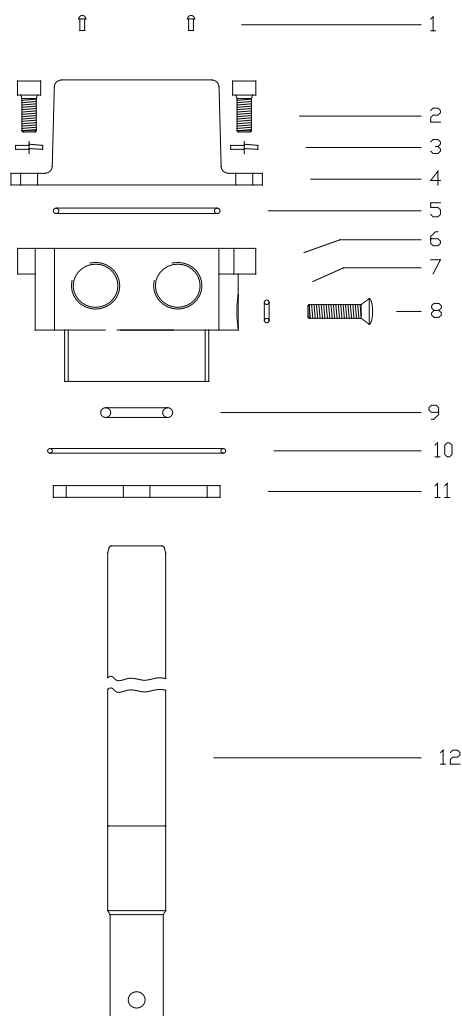


Fig.	Qty.	Description	Art.
1	2	Plate fixing rivet	781211
2	2	Allen screw	781205
3	2	Glower washer	781206
4	1	Sensor cap	781202
5	1	Cap gasket	781204
6	1	Sensor body	781101M
7	1	Fixing screw gasket	781212
8	1	Cane fixing screw	781215
9	1	Cane gasket	781203
10	1	Body gasket	781214
11	1	Fixing nut	781122
12	1	DT2 tip w / 5" cane	7815042C
	1	Connection accesories	781131C

OPTIONS:

DT2 sensor tip and cane kit, by cane length:

Art. 7815042C 5" Cane lenght → 135 a 180 mm.

Art. 7815043C 15" Cane length→ 355 a 400 mm

Art. 7815044C 7" Cane length → 180 a 230 mm

2 Wire Optic Overfill Sensor

Art. DT2.03

Art: KJDT2

Gasket kit

Fig.	Qty.	Description	Art.
5	1	Cap gasket	781204
7	1	Fixing screw gasket	781212
9	1	Cane gasket	781203
10	1	Body gasket	781214

Art: 781131C

PG16 Cap connection kit

Fig.	Qty.	Description	Art.
	1	PG16 Cap	781131
	2	Final joint	781213

Art: 781133C

M20 Gland connection kit

Fig.	Qty.	Description	Art.
	2	M20 gland	781207
	2	Final joint	781213

ACCESSORIES

Nut

Art: 781122

5 Wire Optic Overfill Sensor

Art. DT5.03

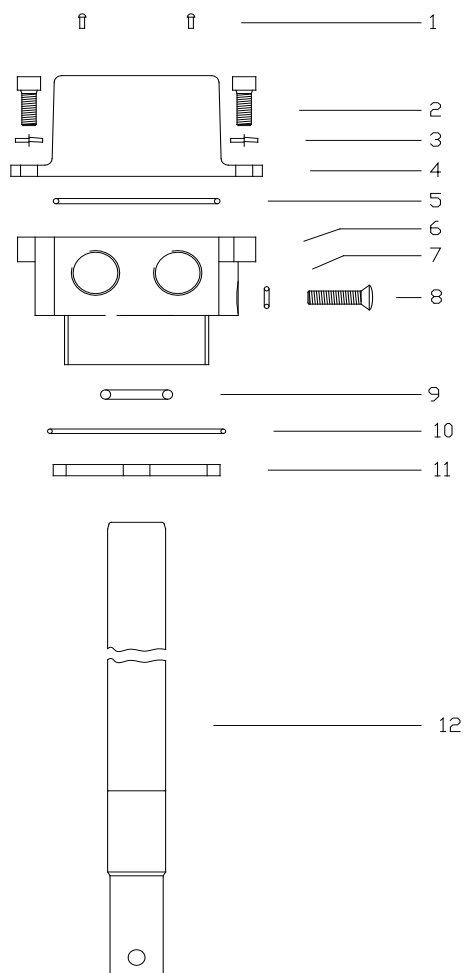


Fig.	Qty.	Description	Art.
1	2	Plate fixing rivet	781211
2	2	Allen screw	781205
3	2	Glomer washer	781206
4	1	Sensor cap	781202
5	1	Cap gasket	781204
6	1	Sensor body	781101M
7	1	Fixing screw gasket	781212
8	1	Cane fixing screw	781215
9	1	Cane gasket	781203
10	1	Body gasket	781214
11	1	Fixing nut	781122
12	1	DT2 tip w / 5" cane	7815045C
	1	Connection accesories	781133C

OPTIONS:

DT2 sensor tip and cane kit, by cane length:

Art. 7815045C 5" cane length → 135 a 180 mm.

Art. 7815046C 15" cane length → 355 a 400 mm

Art. 7815047C 7" cane length → 180 a 230 mm

5 Wire Optic Overfill Sensor

Art. DT5.03

Art: KJDT5

Gasket kit

Fig.	Qty.	Description	Art.
5	1	Cap gasket	781204
7	1	Fixing screw gasket	781212
9	1	Cane gasket	781203
10	1	Body gasket	781214

Art: 781132C

Cap connection kit

Fig.	Qty.	Description	Art.
	1	M20 Atex Cap	781132
	5	Final joint	781213

Art: 781233C

Gland connection kit

Fig.	Qty.	Description	Art.
	2	M20 Atex Gland	781207
	5	Final joint	781213

ACCESSORIES

Nut

Art: 781122

Socket

Series BE10 / BE11

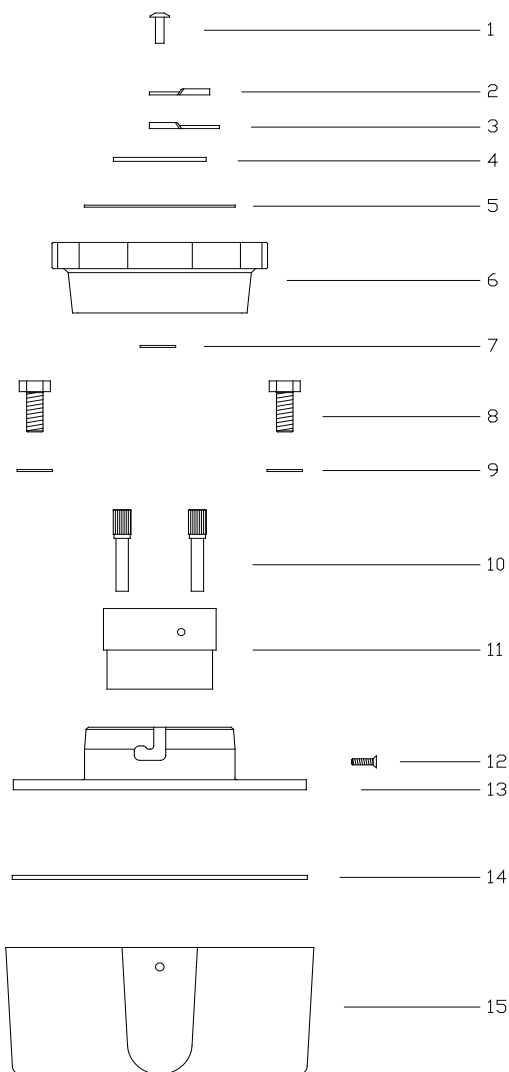
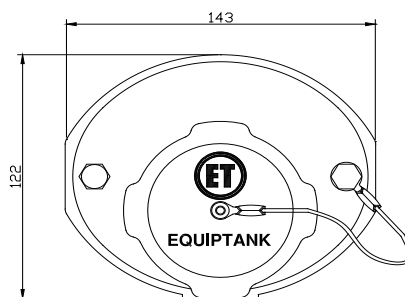


Fig.	Qty.	Description	Art.
1	1	Rivet	782231
2	1	Enhanced terminal d5	782311
3	1	Enhanced terminal d8	782312
4	1	Cap cable	782310
5	1	Cap logo plate	782219
6	1	Dust cap	782209
7	1	Washer d5	782232
8	2	Base fixing screws	782233
9	2	Base fixing washer	782302
10	10	Connection pin	782208
11	1	Insulation plug	782203
12	1	Blocking screw	782307
13	1	Plug base	782202
14	1	Plug base gasket	782210
15	1	Plug base housing	782201
	1	Connection accessories	782250



Socket

Series BE10 / BE11

Art: 782209C

Cap Kit

Fig.	Qty.	Description	Art.
1	1	Rivet	782231
2	1	Enhanced terminal d5	782311
3	1	Enhanced terminal d8	782311
4	0.4	Cap cable	782312
5	1	Cap logo plate	782219
6	1	Dust cap	782209
7	1	Washer d5	782233

Art: 782202C

Plug kit

Fig.	Qty.	Description	Art.
10	10	Connection pin	782208
11	1	Insulation plug	782203
12	1	Blocking screw	782307
13	1	Plug base	782202

Art: 782250C

BE10.03 Connection kit

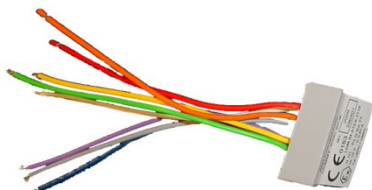
Fig.	Qty.	Description	Art.
	10	M4 Screw	782225
	10	M4 Washer	782226
	10	M4 Terminal	782303
	1	M8 Terminal	782313
	1	Nylon splice	781208

ACCESORIES

Plug base gasket Art: 782210

Simulator (DUMMY)

Art. SD7.03



Manufactured in compliance with
European regulation EN13922:2003
(interchangeable with API RP-1004)
CE test certificate type LOM 04ATEX2118
IP protection degree 65

CHARACTERISTICS:

Simulates up to 7 compartments.

Use of only one Dummy for 1 and 2 compartment tankers.

Maximum reliability.

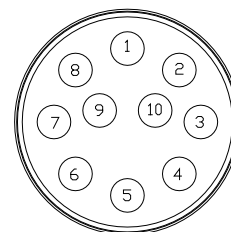
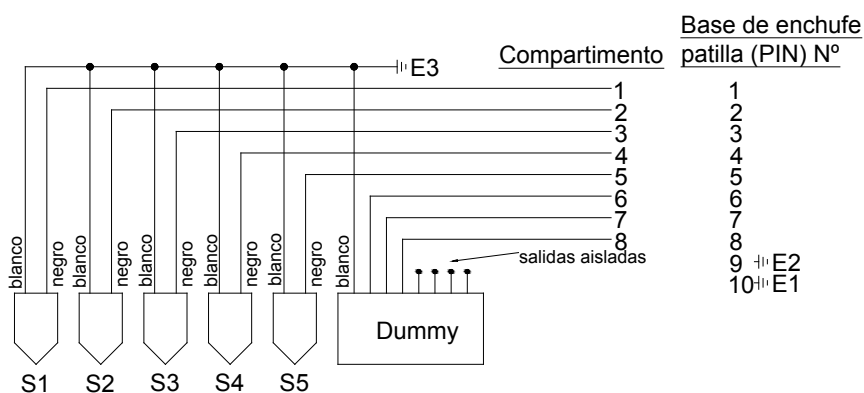
Sturdy construction.

Encapsulated electronic circuit in epoxi resin, in a container box.

Last generation electronics for more reliability and endurance.

Invers polarity protection

Compatible with all the 2 wire termistor and optic controllers.



Ground Bolt

Art. GB2/5

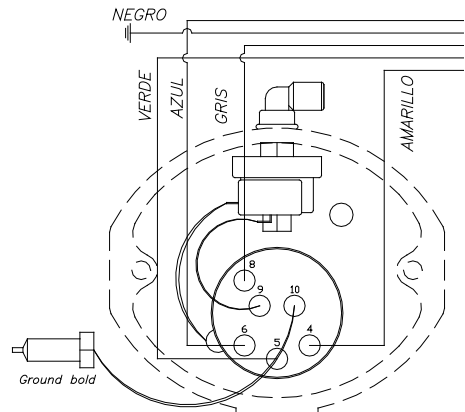
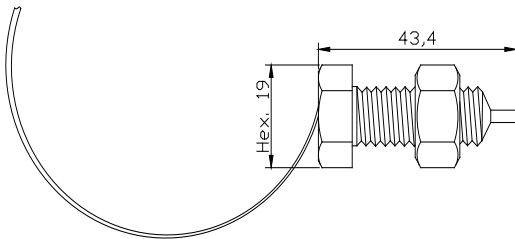


Prevents loading while the ground bolt is not properly connected.

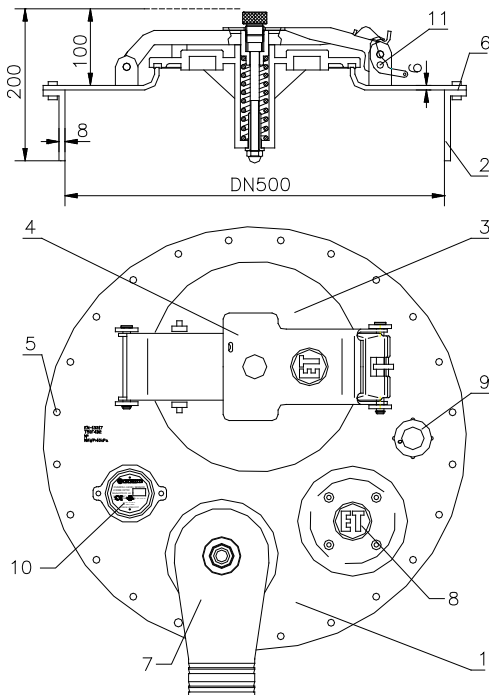
Stops the loading operation automatically if the ground bolt breaks at any moment during said operation.

Easy to install.

Directly wired to EQUIPTANK's overfill prevention socket series BE11.



DN500 Bolted Manhole Cover for Fuel and by-products: Bottom Loading



Nº	DESCRIPTION.
1	Manhole cover.
2	Bolted collar ring (24xM8).
3	10" PAF cover. Calib: 300±35 mbar.
4	Quick closing mechanism
5	Screws (24).
6	Collar ring gasket .
7	Sequential vapor recovery valve.
8	2" external safety valve.
9	Pressure relieve cap.
10	Overfill sensor.
11	Locking mechanism.

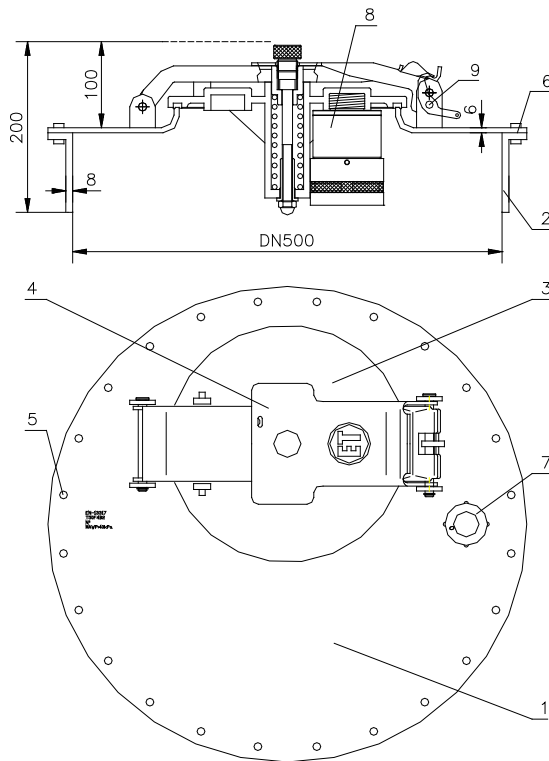
MATERIALS:

A-430-B treated steel, 4 mm / 6 mm thickness

AISI-304 stainless steel, 4 mm thickness

AW5186 aluminium 6 mm / 8 mm thickness

DN500 Bolted Manhole Cover for Fuel and by-products: Top loading



Nº	DESCRIPTION.
1	Manhole cover.
2	Bolted collar ring (24xM8)
3	10" PAF cover. Calib: 300±35 mbar
4	Quick closing mechanism
5	Screws (24).
6	Collar ring gasket.
7	Pressure relieve cap
8	1 1/4" internal safety valve
9	Locking mechanism

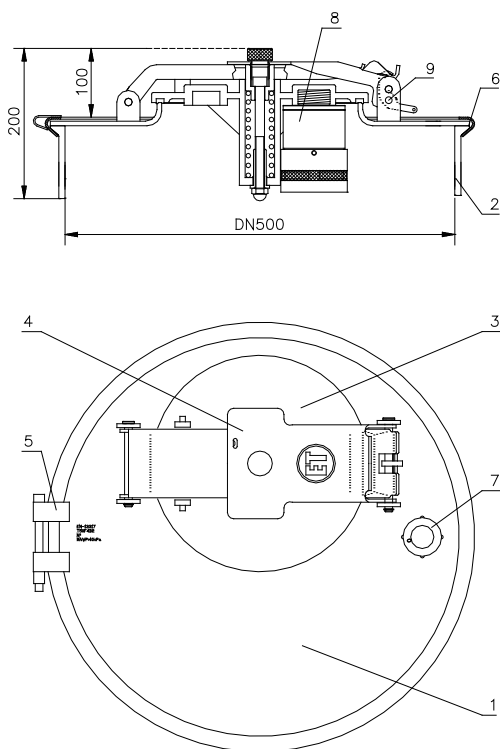
MATERIALES:

A-430-B treated steel, 4 mm / 6 mm thickness

AISI-304 stainless steel, 4 mm thickness

AW5186 aluminium 6 mm / 8 mm thickness.

DN500 Clamped Manhole Cover for Fuel and by-products



Nº	DESCRIPTION.
1	Manhole cover
2	Collar ring
3	10" PAF cover. Calib: 300±35 mbar
4	Quick closing mechanism
5	Clamp
6	Collar ring gasket
7	Pressure relieve cap
8	1 1/4" Internal safety valve
9	Locking mechanism

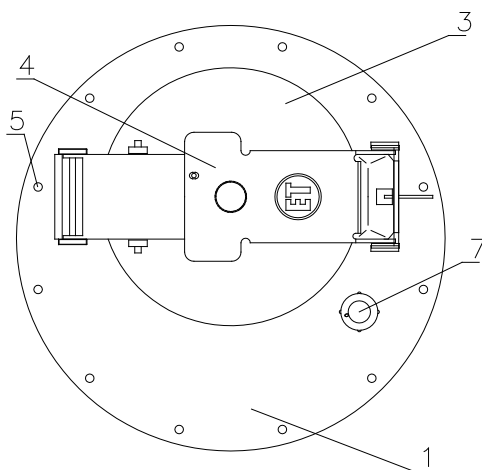
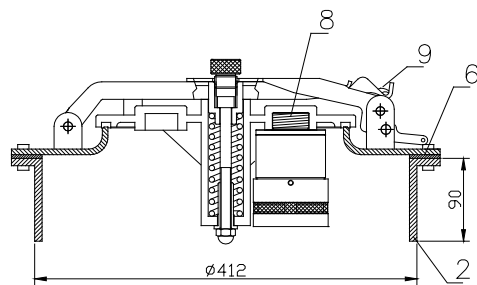
Materials:

A-430-B zinc steel, 4 mm / 6 mm thickness

AISI-304 Stainless steel , 4 mm thickness (on request).

Aluminium 6 mm / 8 mm thickness, (on request).

DN400 Bolted Manhole Cover for Fuel and by-products



Nº	DESCRIPTION.
1	Manhole cover
2	Bolted collar ring (12xM8)
3	10" PAF cover. Calib: 300±35 mbar.
4	Quick closing mechanism
5	Bolts (12).
6	Collar ring gasket
7	Pressure relieve cap
8	1 1/4" internal safety valve
9	Locking mechanism

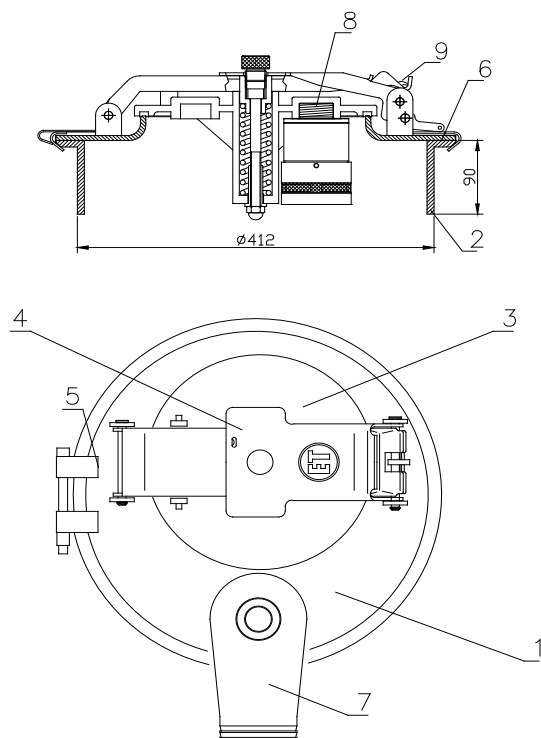
Materiles:

A-430-B zinc steel, 4 mm / 6 mm thickness

AISI-304 Stainless steel, 4 mm thickness (on request).

Aluminium 6 mm / 8 mm thickness (on request).

DN400 Clamped Manhole cover for Fuel and by-products



Nº	DESCRIPTION.
1	Manhole cover
2	Collar ring
3	10" PAF cover. Calib: 300±35 mbar.
4	Quick closing mechanism
5	Clamp
6	Collar ring gasket.
7	Vapor recovery valve
8	1 1/4" internal safety valve
9	Locking mechanism

Materials:

A-430-B zinc steel, 4 mm / 6 mm thickness

AISI-304 Stainless steel, 4 mm thickness (on request).

Manhole covers for fuel and by-products

EXAMPLE E 5 A 6 S S 0 E 0 N

PRODUCTO FAMILY

E = Bolted Manhole cover

T = Clamped Manhole cover

DIAMETER

4 = Nominal diameter 400mm (16")

5 = Nominal diameter 500mm (20")

MATERIAL

A = Aluminium

F = Iron

I = Stainless steel

THICKNESS

4 = 4 mm

6 = 6 mm

8 = 8 mm

OVERFILL SENSOR HOUSING

S = With overfill sensor housing

0 = Without overfill sensor housing

VAPOR RECOVERY VALVE HOUSING

S = With vapor recovery valve 601000S housing

A = With vapor recovery valve 602000S housing

0 = Without vapor recovery valve housing

INTERNAL SAFETY VALVE HOUSING

I = With internal safety valve VSRI5014 housing

F = With internal safety valve 450000 housing

0 = Without internal safety valve housing

EXTERNAL SAFETY VALVE HOUSING

E = With external safety valve VSB50B housing

R = With external safety valve 401100 housing

L = With external safety valve 460000 housing

0 = Without external safety valve housing

PRESSURE RELIEVE CAP

T = With pressure relieve cap housing

0 = Without pressure relieve cap housing

GASKET

N = Nitrile (NBR)

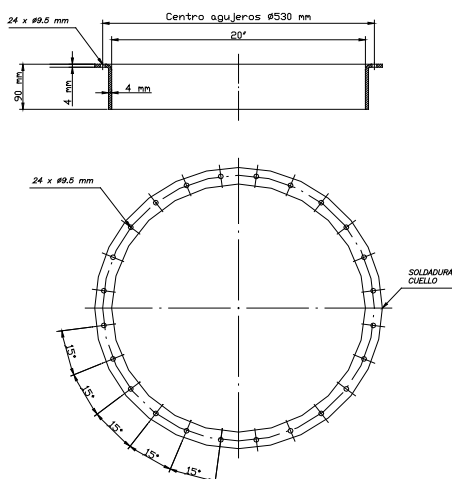
V = Fluoroelastomer ("Vitón")

E = EPDM

B = Low temperature

EQUIPTANK's Manhole cover collar rings

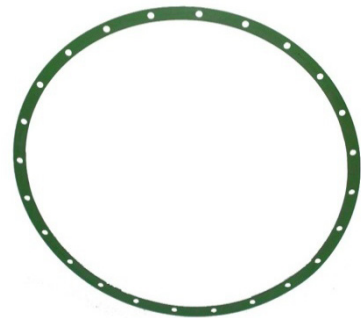
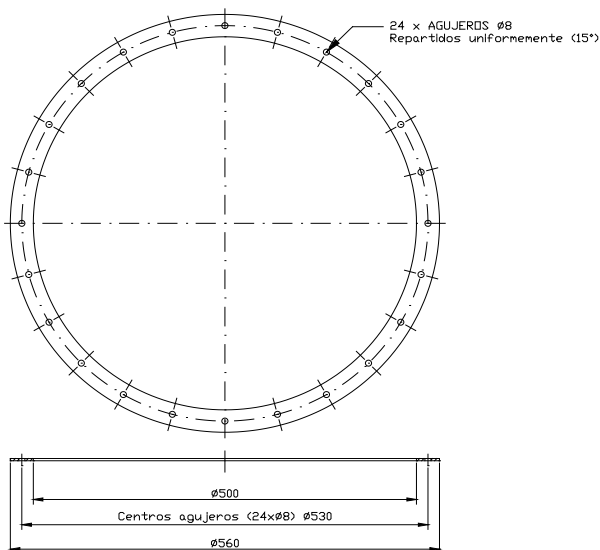
Art.	Thickness	Material	Type	DN
100002	8 mm	Aluminium	Clamped	400
140002	6 mm	Aluminium	Clamped	500
140002H	4 mm	Steel	Bolted	500
140002I	4 mm	Stainles Steel	Bolted	500
160002	8 mm	Aluminium	Bolted	500
160002H	6 mm	Steel	Bolted	500
170002	8 mm	Aluminium	Bolted	400
17005H	4 mm	Steel	Bolted	400
170006H	4 mm	Steel	Clamped	400
180002	8 mm	Aluminium	Bolted	600



Art. 160002H
6mm steel bolted collar ring
 Weight: 6 kg

EQUIPTANK's Manhole cover gaskets

Art.	Material	Type	DN
100012	NBR	Clamped	500
100012A	EPDM	Clamped	500
160012S3	NBR	Bolted	500
160012S3V	VITON	Bolted	500
170011N	NBR	Clamped	400
170011V	VITON	Clamped	400
170012	NBR	Bolted	400
170012S2V	VITON	Bolted	400
180012	NBR	Bolted	600



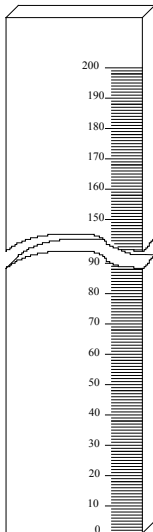
Dip stick tube

Art. 100117 / 100122

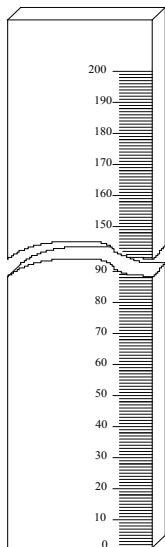


Article	Description
100117	Aluminium dip stick tube 1700 mm lenght.
100122	Aluminium dip stick tube 2200 mm length.
Other lenghts on request.	

Graph level dipstick



Article	Description
C302000	Brass level dipstick calibrated 2000 mm
C302200	Brass level dipstick calibrated 2200 mm
Other dimensions on request.	



Article	Description
C302000I	Stainless steel level dipstick calibrated 2000 mm
C302200I	Stainless steel level dipstick calibrated 2200 mm
Other dimensions on request.	

5 Effect Safety Valve

Art. 401100

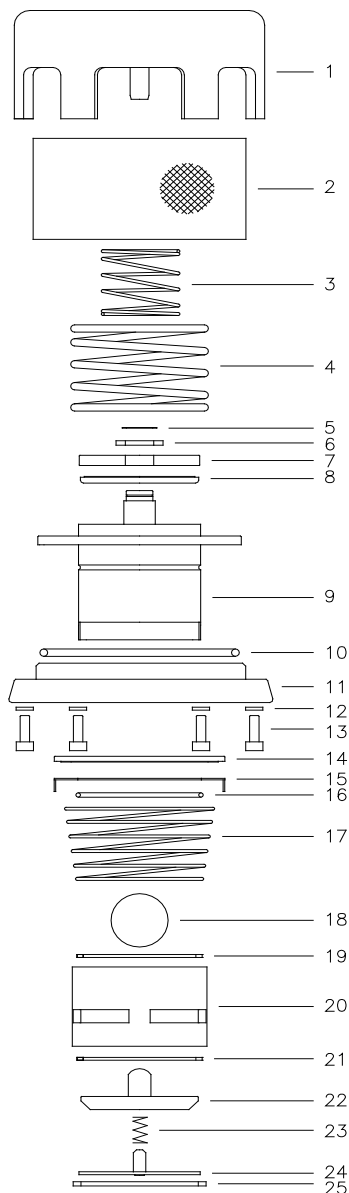


Fig.	Qty.	Description	Art.
1	1	Hood	401002C
2	1	Flame arrester	400045
3	1	Low pressure spring	401022
4	1	High pressure spring	401024
5	1	Seeger washer	400088
6	1	Stainless steel washer	400087
7	1	Low pressure disc	400055
8	1	Low pressure gasket	400050
9	1	Body	401001
10	1	High press. body gasket	400026
11	1	Flange	401105
12	6	Nylon washer	401181
13	6	Hood fixing screw	400080
14	1	Vacuum gasket	400031
15	1	Vacuum gasket disc	400040V2
16	1	Retaining ring	400033
17	1	Vacuum spring	400020
18	1	Ball	400018
19	1	Body gasket	400035
20	1	Overturn body	400004
21	1	Overturn clapper gasket	400030
22	1	Overturn clapper	400010
23	1	Overturn clapper spring	400023
24	1	Lower lid disc	400015C
25	1	Lower lid seeger disc	400025

5 Effect Safety Valve

Art. 401100

Art: KJ4011

Gasket kit

Fig.	Qty.	Description	Art.
10	1	High press. body gasket	400026
21	1	Overturn clapper gasket	400030
14	1	Vacuum gasket	400031
19	1	Body gasket	400035
8	1	Low pressure gasket	400050
12	6	Nylon washer	401181
	1	Flat flange gasket	400029

Art: 400004C

Overturn Kit

Fig.	Qty.	Description	Art.
19	1	Body gasket	400035
20	1	Overturn body	400004
21	1	Overturn clapper gasket	400030
22	1	Overturn clapper	400010
23	1	Overturn clapper spring	400023
24	1	Lower lid disc	400015C
25	1	Seeger lower lid disc	400025

Art: 401001C

High pressure body kit

Fig.	Qty.	Description	Art.
5	1	Seeger washer	400088
6	1	Stainless steel washer	400087
7	1	Low pressure disc	400055
8	1	Low pressure gasket	400050
9	1	Body	401001
10	1	High press. Body gasket	400026
14	1	Vacuum gasket	400031
15	1	Vacuum disc gasket	400040V2
16	1	Retaining ring	400033

ACCESORIES:

Flat flange gasket Art: 400029
Flange gasket Art: 401129
Blind flange Art: 400092
Anti-wave deflector Art: 400090

1 1/4" Internal Safety Valve

Art. 450000

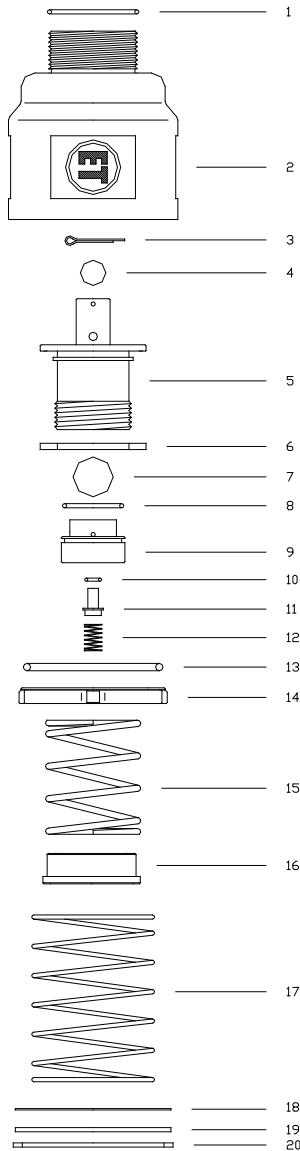


Fig.	Qty.	Description	Art.
1	1	1 1/4" thread gasket	450076
2	1	Body	450001
3	1	Cotter pin	450080
4	1	Low pressure ball	450060
5	1	Internal body	450006
6	1	High pressure gasket	450072
7	1	Overturn ball	450055
8	1	Ball housing gasket	450073
9	1	Ball housing body	450015
10	1	Overturn gasket	450070
11	1	Overturn clapper	450050
12	1	Overturn spring	450065
13	1	Vacuum gasket	450071
14	1	Gasket case	450020
15	1	High pressure spring	450067
16	1	Internal body lid	450010
17	1	Vacuum spring	450071
18	1	Flame arrester	450030
19	1	Valve lid	450025
20	1	Segeer valve lid	450085

1 1/4" Internal Safety Valve

Art. VSRI5014

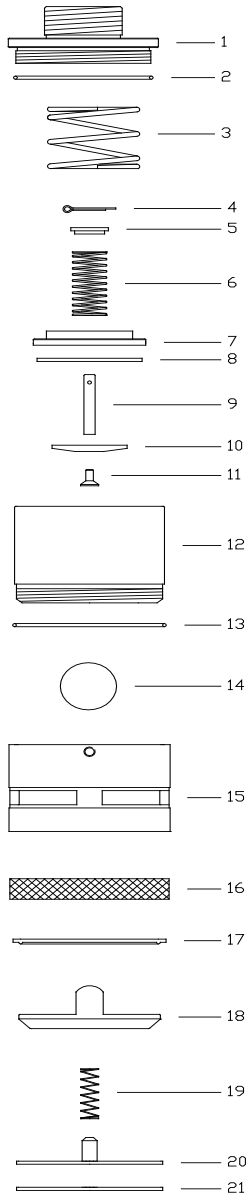


Fig.	Qty.	Description	Art.
1	1	1 1/4 " thread lid	480002
2	1	Thread lid gasket	480053
3	1	Pressure spring	480020
4	1	Cotter pin	480030
5	1	Vacuum washer	480016
6	1	Vacuum spring	480021
7	1	Closing saucer	480010V3
8	1	Clsing gasket	480054
9	1	Saucer axle	470015
10	1	Vacuum saucer	480011
11	1	Saucer fixing screw	480031
12	1	Body	480001
13	1	Body gasket	400035
14	1	Ball	400018
15	1	Overturn body	400004
16	1	Flame arrester	480090
17	1	Overturn clapper gasket	400030
18	1	Overturn clapper	400010
19	1	Overturn clapper spring	400023
20	1	Lowe lid disc	400015C
21	1	Seeger lower lid disc	400025

1 1/4" Internal Safety Valve

Art. VSRI5014

Art: 480004C **Overturn kit**

Fig.	Qty.	Description	Art.
13	1	Body gasket	400035
15	1	Overturn body	400004
16	1	Flame arrester	480090
17	1	Overturn clapper gasket	400030
18	1	Overturn clapper	400010
19	1	Overturn clapper spring	400023
20	1	Lower lid disc	400015C
21	1	Seeger lower lid disc	400025

Art: 480001C **Body kit**

Fig.	Qty.	Description	Art.
1	1	1 1/4" thread lid	480002
2	1	Thread lid gasket	480053
3	1	Pressure spring	480020
4	1	Cotter pin	480030
5	1	Vacuum washer	480016
6	1	Vacuum spring	480021
7	1	Closing saucer	480010V3
8	1	Closing gasket	480054
9	1	Saucer axle	470015
10	1	Vacuum saucer	480011
11	1	Saucer fixing screw	480031
12	1	Body	480001

ACCESSORIES:

Flat gasket

Art. 170039V

2" External Safety Valve

Art. VSB50B

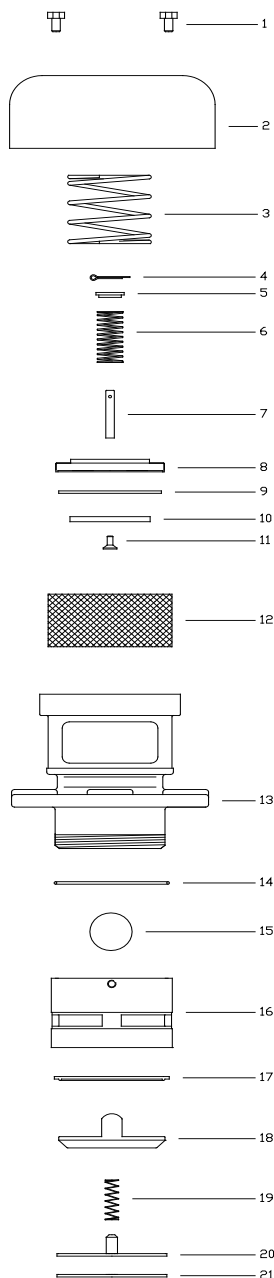


Fig.	Qty.	Description	Art.
1	4	Hood fixing screw	470051
2	1	Hood	6500052
3	1	Pressure spring	470020
4	1	Cotter pin	480030
5	1	Vacuum washer	480016
6	1	Vacuum spring	480021
7	1	Saucer axle	470015
8	1	Pclosing saucer	470010V2
9	1	Closing gasket	470030
10	1	Vacuum saucer	470011
11	1	Saucer fixing screw	480031
12	1	Flame arrester	470040
13	1	Body	470001
14	1	Body gasket	400035
15	1	Ball	400018
16	1	Overturn body	400004
17	1	Overturn clapper gasket	400030
18	1	Overturn clapper	400010
19	1	Overturn clapper spring	400023
20	1	Lowe lid disc	400015C
21	1	Seeger lower lid disc	400025

2" External Safety Valve

Art. VSB50B

Art: 400004C **Overturn kit**

Fig.	Qty.	Description	Art.
19	1	Body gasket	400035
20	1	Overturn body	400004
21	1	Overturn clapper gasket	400030
22	1	Overturn clapper	400010
23	1	Overturn clapper spring	400023
24	1	Lower lid disc	400015C
25	1	Seeger lower lid disc	400025

Art: 470010C **Closing saucer kit**

Fig.	Qty.	Description	Art.
4	1	Cotter pin	480030
5	1	Vacuum washer	480016
6	1	Vacuum spring	480021
7	1	Saucer axle	470015
8	1	Closing saucer	470010V2
9	1	Closing gasket	470030
10	1	Vacuum saucer	470011
11	1	Saucer fixing screw	480031

ACCESORIES:

NBR flat flange gasket Art. 470035N
Flat flange gasket Art. 470035

3" Sequential Pneumatic Vapor Recovery Valve.

Art. 601000S

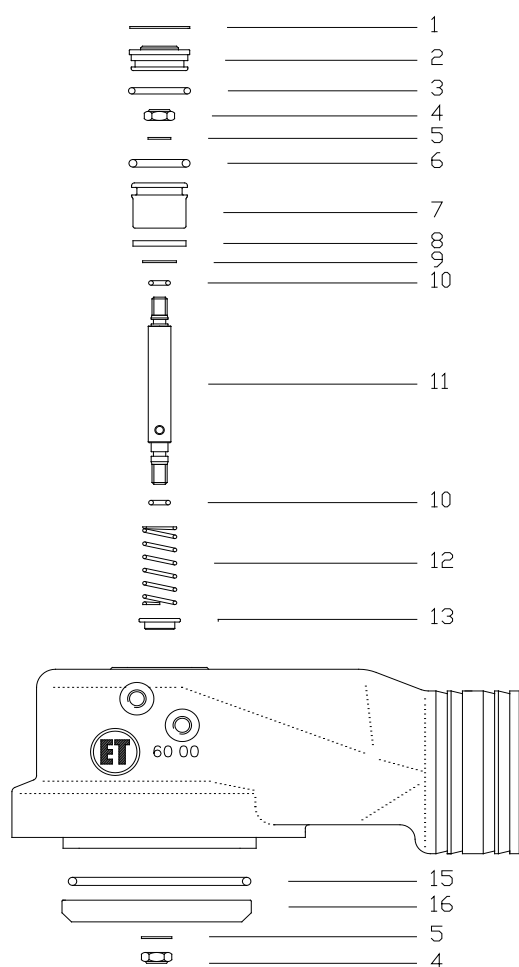


Fig.	Qty.	Description	Art.
1	1	Seeger nutt	600051
2	1	Butt	600017
3	1	Butt gasket	600042
4	2	Self blocking nut	600055
5	2	Self blocking nut washer.	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Sequential piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axis gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020
14	1	Body	601001
15	1	Closing gasket	600040
16	1	Closing saucer	600005V2

3" Sequential Pneumatic Vapor Recovery Valve

Art. 601000S

Art: KJ6010S Gasket kit

Fig.	Qty.	Description	Art.
3	1	Butt gasket	600042
6	1	Sequential piston o-ring	600044
8	1	Piston flat gasket	600048
10	2	Axle gasket	600041
15	1	Closing gasket	600040
	1	Flat flange gasket	600043

Art: 600017C Butt kit

Fig.	Qty.	Description	Art.
1	1	Seeger butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042

Art: 600005C Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Self blocking nut	600055
5	1	Self blocking nut washer	600032
15	1	Closing gasket	600040
16	1	Closing saucer	600005V2

Art: 600047C Internal mechanism kit

Fig.	Cant.	Descripción	Art.
4	1	Self blocking nut	600055
5	1	Self blocinkg nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020

ACCESORIES

Flat flange gasket Art: 600043
 Flange gasket Art: 601043
 Blind flange Art: 600090

3" Sequential Pneumatic Vapor Recovery Valve with mesh. Art. 601100S

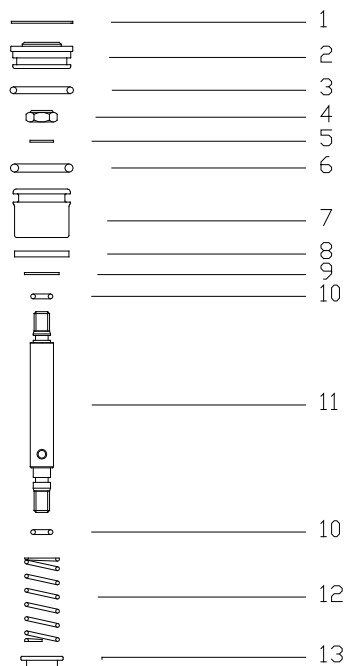
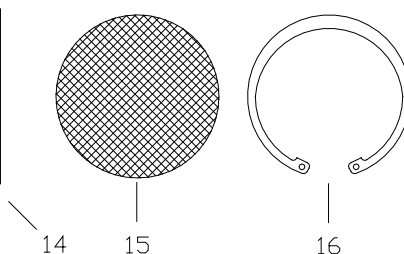
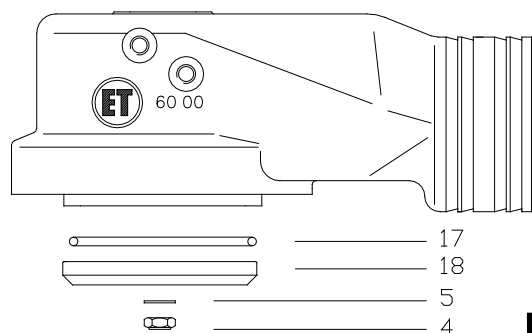


Fig.	Qty.	Description	Art.
1	1	Seeger Butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042
4	2	Self blocking nut	600055
5	2	Self blocking nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020
14	1	Body	601001



15	1	Flame arrester	601106
16	2	Seeger flame arrester	601107
17	1	Closing gasket	600040
18	1	Closing saucer	600005V2

3" Sequential Pneumatic Vapor Recovery Valve with mesh. Art. 601100S

Art: KJ6010S Gasket kit

Fig.	Qty.	Description	Art.
3	1	Butt gasket	600042
6	1	Sequential piston o-ring	600044
8	1	Flat piston gasket	600048
10	2	Axle gasket	600041
15	1	Closing gasket	600040
	1	Flat flange gasket	600043

Art: 600017C Butt kit

Fig.	Qty.	Description	Art.
1	1	Seeger butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042

Art: 601106C Flame arester kit

Fig.	Qty.	Description	Art.
15	1	Flame arrester	601106
16	2	Seeger flame arrester	601107

Art: 600005C Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Self blocking nut	600055
5	1	Self blocking nut washer	600032
15	1	Closing gasket	600040
16	1	Closing saucer	600005V2

Art: 600047C Internal mechanism kit

Fig.	Qty.	Description	Art.
4	1	Self blocking nut	600055
5	1	Self blocking nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020

ACCESORIES:

Flat flange gasket Art: 600043
Flange gasket Art: 601043
Blind flange Art: 600090

3" Sequential Pneumatic Vapor Recovery Valve with decompression *Art. 601500S*

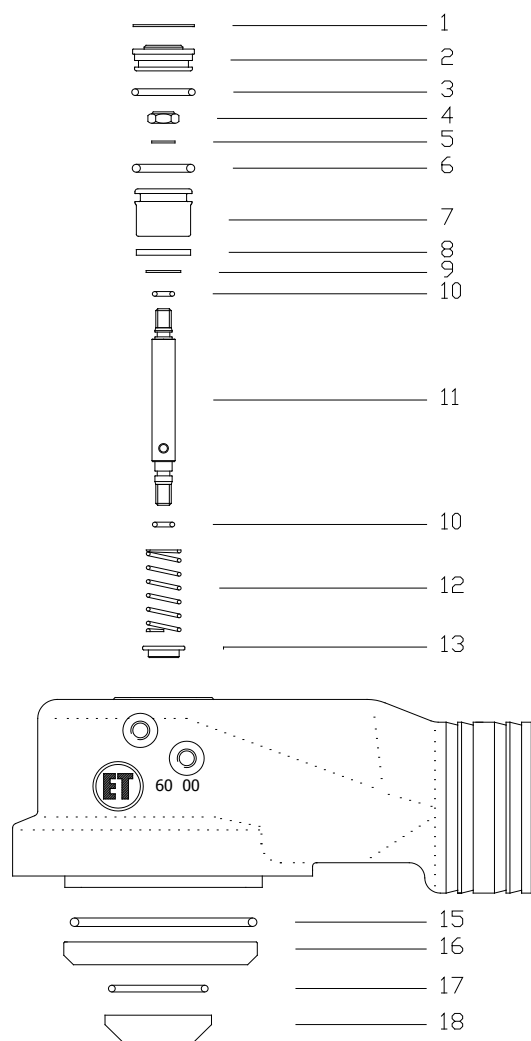


Fig.	Qty.	Description	Art.
1	1	Seeger butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042
4	2	Self blocking nut	600055
5	2	Self blocking nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020
14	1	Body	601001
15	1	Closing gasket	600040
16	1	Decompression saucer	600505
17	1	Decompression gasket	600570
18	1	Decompression clapper	600506

3" Sequential Pneumatic Vapor Recovery Valve with decompression *Art. 601500S*

Art: KJ6015

Gasket kit

Fig.	Qty.	Description	Art.
3	1	Butt gasket	600042
6	1	Sequential piston o-ring	600044
8	1	Flat piston gasket	600048
10	2	Axle gasket	600041
15	1	Body gasket	602009
17	1	Decompression gasket	600570
	1	Flat flange gasket	600043

Art: 600017C

Butt kit

Fig.	Qty.	Description	Art.
1	1	Seeger butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042

Art: 600505C

Closing saucer kit

Fig.	Qty.	Description	Art.
15	1	Closing gasket	600040
16	1	Decompression saucer	600505
17	1	Decompression gasket	600570
18	1	Decompression clapper	600506

Art: 600047C

Internal mechanism kit

Fig.	Qty.	Description	Art.
4	1	Self blocking nut	600055
5	1	Self blocking nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020

ACCESSORIES

Flat flange gasket Art: 600043
 Flange gasket Art: 601043
 Blind flange Art: 600090

3" Sequential Pneumatic Vapor Recovery Valve.

Art. 602000S

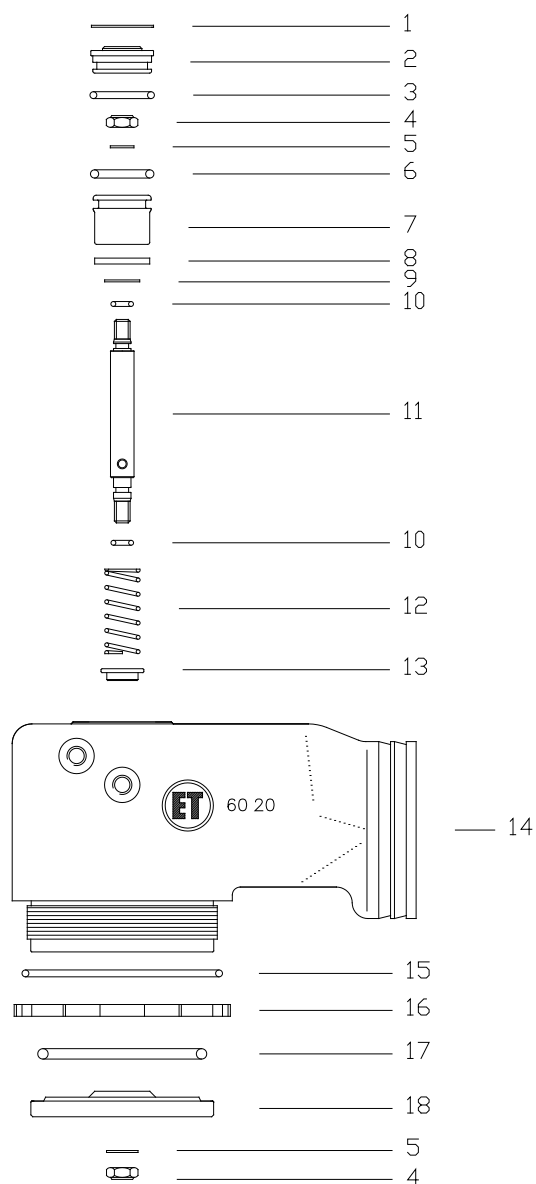


Fig.	Qty.	Description	Art.
1	1	Seeger butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042
4	2	Self blocking nut	600055
5	2	Self blocking nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	650011
12	1	Spring	600025
13	1	Housing guide	600020
14	1	Body	602001
15	1	Body gasket	602009
16	1	Fixing nut	602008
17	1	Closing gasket	602010
18	1	Closing saucer	602005

3" Sequential Pneumatic Vapor Recovery Valve.

Art. 602000S

Art: KJ6020 Gasket kit

Fig.	Qty.	Description	Art.
3	1	Butt gasket	600042
6	1	Sequential piston o-ring	600044
8	1	Flat piston gasket	600048
10	2	Axle gasket	600041
15	1	Body gasket	602009
17	1	Closing gasket	602010

Art: 600017C Butt kit

Fig.	Qty.	Description	Art.
1	1	Seeger butt	600051
2	1	Butt	600017
3	1	Butt gasket	600042

Art: 602005C Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Self blocking nut	600055
5	1	Self blocking nut washer	600032
17	1	Closing gasket	602010
18	1	Closing saucer	602005

Art: 600047C Internal mechanism kit

Fig.	Qty.	Description	Art.
4	1	Self blocking nut	600055
5	1	Self blocking nut washer	600032
6	1	Sequential piston o-ring	600044
7	1	Sequential piston	600047
8	1	Flat piston gasket	600048
9	1	Flat gasket washer	600034
10	2	Axle gasket	600041
11	1	Sequential piston axle	600011
12	1	Spring	600025
13	1	Housing guide	600020

VAPOR HOSE SLEEVE 90x110x150 NBR

Art. 600087N

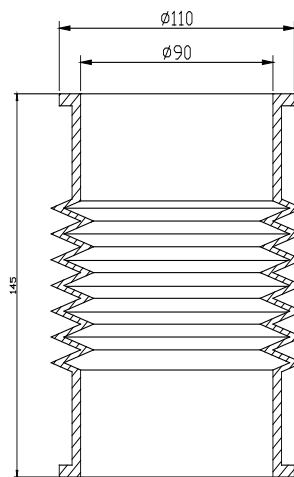
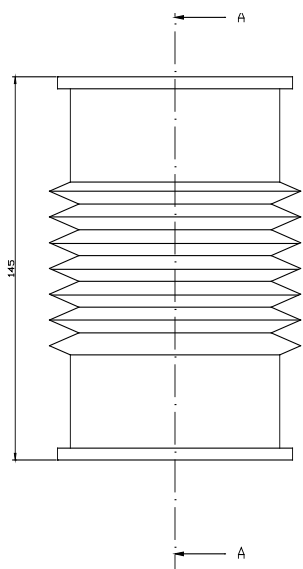


Manguito fuelle moldeado, fabricado con NBR de alto contenido.

Diseñado para conectar las válvulas de recuperación de vapores, a la tubería de vapores (o colector).

ACCESORIOS:

Art. 600088 Abrazadera



SECCIÓN A-A

HOSE SLEEVE Art. HC90X170N

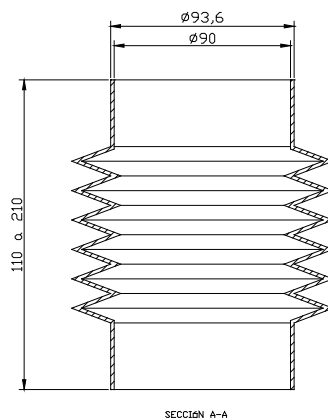
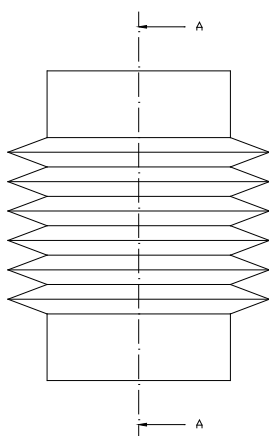


Molded vapor hose, manufactured with high content NBR.

Designed to connect the vapor recovery valves to the vapor pipe (or collector).

ACCESSORIES:

Art. 600088 Clip



3" DN80 Support Valve

Art. 651000

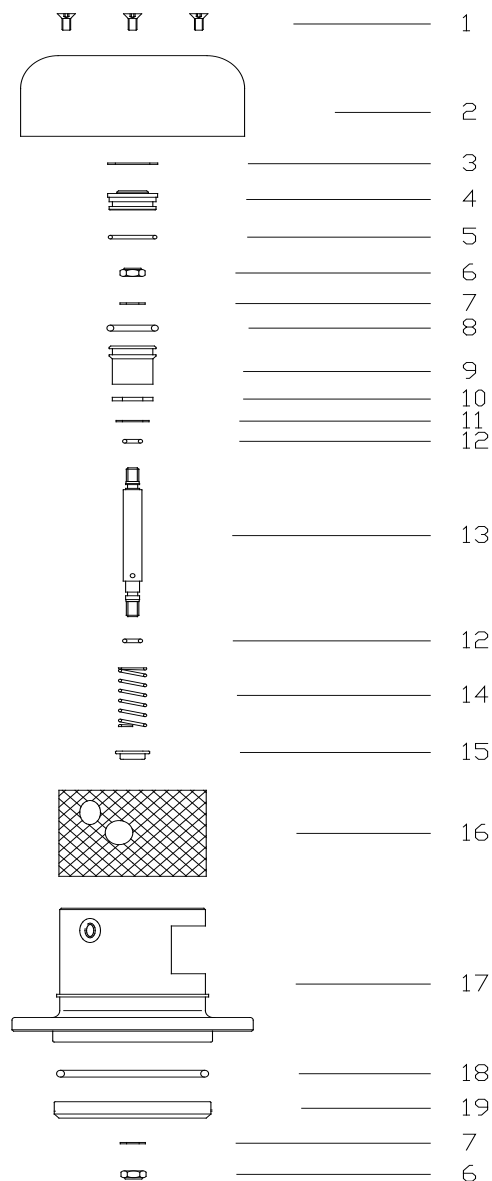


Fig.	Qty.	Description	Art.
1	3	Screw	650008
2	1	Protection hood	650005
3	1	Seeger butt	600051
4	1	Butt	600017
5	1	Butt gasket	600042
6	2	Self blocking nut	600055
7	2	Self blocking nut washer	600032
8	1	Sequential piston o-ring	600044
9	1	Sequential piston	600047
10	1	Flat piston gasket	600048
11	1	Flat gasket washer	600034
12	2	Axle gasket	600041
13	1	Sequential piston axle	650011
14	1	Spring	600025
15	1	Housing guide	600020
16	1	Flame arrester	650070
17	1	Body	652001
18	1	Closing gasket	600040
19	1	Closing saucer	600005V2

3" DN80 Support Valve

Art. 651000

Art: KJ6510 Gasket kit

Fig.	Qty.	Description	Art.
5	1	Butt gasket	600042
8	1	Sequential piston o-ring	600044
10	1	Flat piston gasket	600048
12	2	Axle gasket	600041
18	1	Closing gasket	600040
	1	Flange gasket	650091

Art: 600005C Hood kit

Fig.	Qty.	Description	Art.
1	3	Screw	650008
2	1	Protection hood	650005

Art: 600017C Butt kit

Fig.	Qty.	Description	Art.
3	1	Seeger butt	600051
4	1	Butt	600017
5	1	Butt gasket	600042

Art: 600005C Closing saucer kit

Fig.	Qty.	Description	Art.
6	1	Self blocking nut	600055
7	1	Self blocking nut washer	600032
18	1	Closing gasket	600040
19	1	Closing saucer	600005V2

Art: 500047C Internal mechanism kit

Fig.	Qty.	Description	Art.
6	1	Self blocking nut	600055
7	1	Self blocking nut washer	600032
8	1	Sequential piston o-ring	600044
9	1	Sequential piston	600047
10	1	Flat piston gasket	600048
11	1	Flat gasket washer	600034
12	2	Axle gasket	600041
13	1	Sequential piston axle	650011
14	1	Spring	600025
15	1	Housing guide	600020

ACCESORIES:

Flange gasket Art. 650091
Flange Art. 650090

3" DN80 Sequential Support Valve

Art. 652000

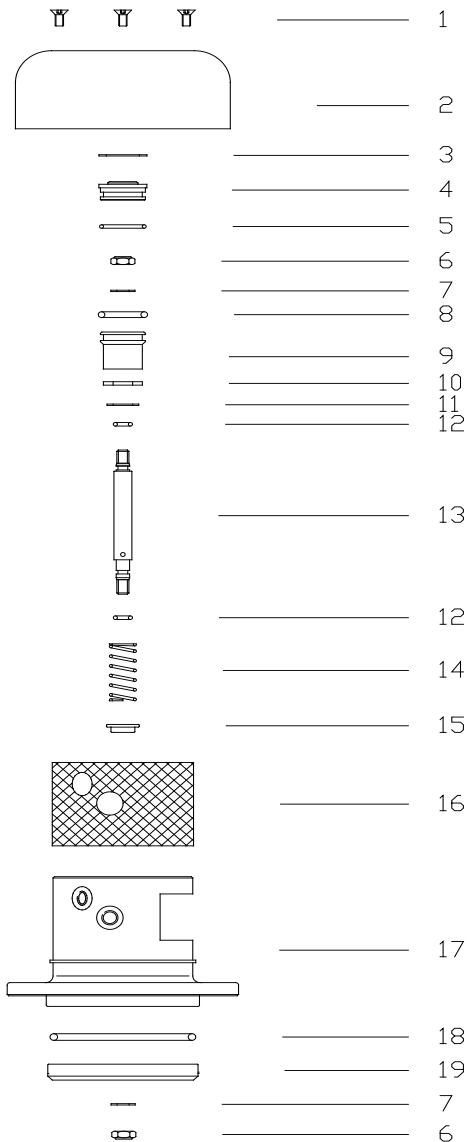


Fig.	Qty.	Description	Art.
1	3	Screw	650008
2	1	Protection hood	650005
3	1	Seeger butt	600051
4	1	Butt	600017
5	1	Butt gasket	600042
6	2	Self blocking nut	600055
7	2	Self blocking nut washer	600032
8	1	Sequential piston o-ring	600044
9	1	Sequential piston	600047
10	1	Flat piston gasket	600048
11	1	Flat gasket washer	600034
12	2	Axle gasket	600041
13	1	Sequential piston axle	650011
14	1	Spring	600025
15	1	Housing guide	600020
16	1	Flame arrester	650070
17	1	Body	650001
18	1	Closing gasket	600040
19	1	Closing saucer	600005V2

3" DN80 Sequential Support Valve.

Art. 652000

Art: KJ6510

Gasket kit

Fig.	Qty.	Description	Art.
5	1	Butt gasket	600017
8	1	Sequential piston o-ring	600044
10	1	Flat piston gasket	600048
12	2	Axle gasket	600041
18	1	Closing gasket	600040
	1	Flange gasket	650091

Art: 600005C

Hood kit

Fig.	Qty.	Description	Art.
1	3	Screw	650008
2	1	Protection hood	650005

Art: 600017C

Butt kit

Fig.	Qty.	Description	Art.
3	1	Seeger butt	600051
4	1	Butt	600017
5	1	Butt gasket	600042

Art: 600005C

Closing saucer kit

Fig.	Qty.	Description	Art.
6	1	Self blocking nut	600055
7	1	Self blocking nut washer	600032
18	1	Closing gasket	600040
19	1	closing saucer	600005V2

Art: 650047C

Internal mechanism kit

Fig.	Qty.	Description	Art.
6	1	Sel blocking nut	600055
7	1	Self blocking nut washer	600032
8	1	Sequential piston o-ring	600044
9	1	Sequential piston	600047
10	1	Flat piston gasket	600048
11	1	Flat gasket washer	600034
12	2	Axle gasket	600041
13	1	Sequential piston axle	650011
14	1	Spring	600025
15	1	Housing guide	600020

ACCESORIES:

Flange gasket Art. 650091
Flange Art. 650090

3" DN80 Support Valve – Normally open

Art. 653000

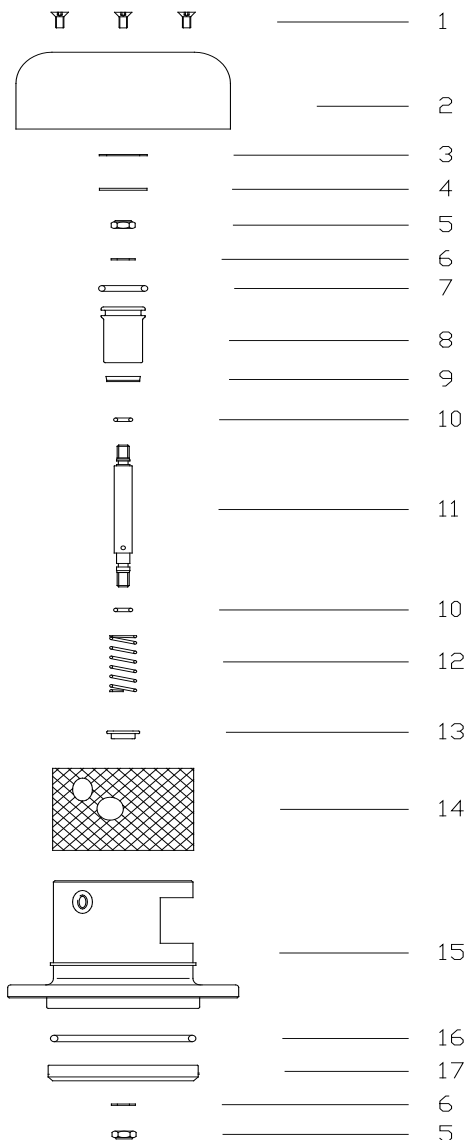


Fig.	Qty.	Description	Art.
1	3	Screw	650008
2	1	Protection hood	650005
3	1	Seeger butt	600051
4	1	Butt	653017
5	2	Self blocking nut	600055
6	2	Selg blocking nut washer	600032
7	1	Sequential piston o-ring	600044
8	1	Long sequential piston	653047
9	1	Collar	653030
10	2	Axle gasket	600041
11	1	Sequential piston axle	650011
12	1	Spring	600025
13	1	Housing guide	653020
14	1	Flame arrester	650070
15	1	Body	653001
16	1	Closing gasket	600040
17	1	Closing saucer	600005V2

3" DN80 Support Valve – Normally open

Art. 653000

Art: KJ6530

Gasket kit

Fig.	Qty.	Description	Art.
8	1	Sequential piston o-ring	600044
9	1	Collar	653030
10	2	Axle gasket	600041
16	1	Closing gasket	600040
	1	Flange gasket	650091

Art: 600005C

Closing saucer kit

Fig.	Qty.	Description	Art.
6	1	Self blocking nut	600055
7	1	Self blocking nut washer	600032
16	1	Closing gasket	600040
17	1	Closing saucer	600005V2

Art: 600005C

Hod kit

Fig.	Qty.	Description	Art.
1	3	Screw	650008
2	1	Protection hood	650005

Art: 650047C

Internal mechanism kit

Fig.	Qty.	Description	Art.
4	1	Butt	653017
5	1	Self blocking nut	600055
6	1	Self blocking nut washer	600032
7	1	Sequential piston o-ring	600044
8	1	Sequential piston	653047
9	1	Collar	653030
10	2	Axle gasket	600041
11	1	Sequential piston axle	650011
12	1	Spring	600025
13	1	Housing guide	653020

ACCESORIES

Flange gasket

Art. 650091

Flange

Art. 650090

Vapor Recovery Adaptor

Art. 660000

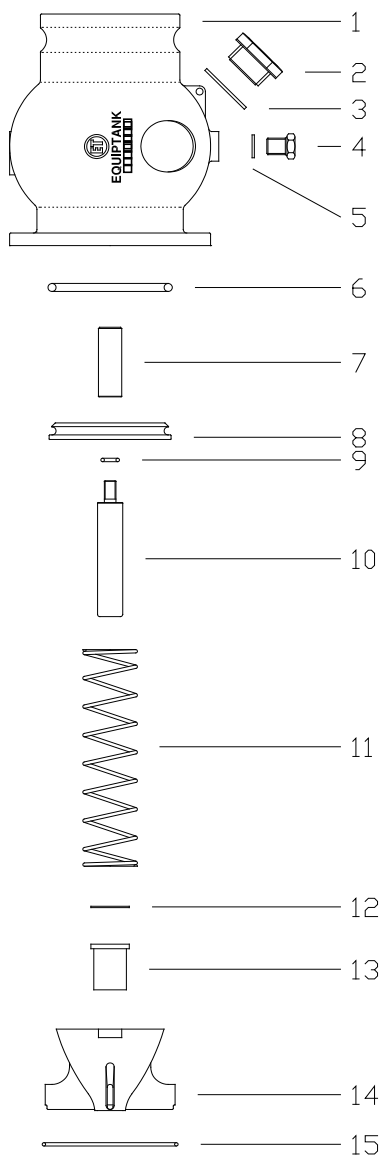


Fig.	Qty.	Description	Art.
1	1	Body	660001
2	2	Sightglass	660085
3	2	Sightglass gasket	660086
4	1	Plug	940036
5	1	Plug gasket	940037
6	1	Shutter gasket	740071
7	1	Upper axle	660011
8	1	Shutter saucer	660005V2
9	1	Lower axle gasket	940044
10	1	Axle guide	660010
11	1	Apring	660060
12	1	Seeger housing guide	740080
13	1	Housing guide	740065
14	1	Shutter guide body	660015
15	1	Elastic ring	740063

Vapor Recovery Adaptor

Art. 660000

Art: KJ6600

Gasket kit

Fig.	Qty.	Description	Art.
3	2	Sightglass gasket	660086
6	1	Shutter gasket	740071
9	1	Lower axle gasket	940044

Art: 660085C

Sightglass kit

Fig.	Qty.	Description	Art.
2	2	Sightglass	660085
3	2	Sightglass gasket	660086

Art: 660005C

Shutter kit

Fig.	Qty.	Description	Art.
6	1	Shutter gasket	740071
7	1	Upper axle	660011
8	1	Shutter saucer	660005V2
9	1	Lower axle gasket	940044
10	1	Axle guide	660010

ACCESSORIES:

Plug	Art: 686000
Interlock	Art: 745200

Long push-button Interlock

Art. 745200

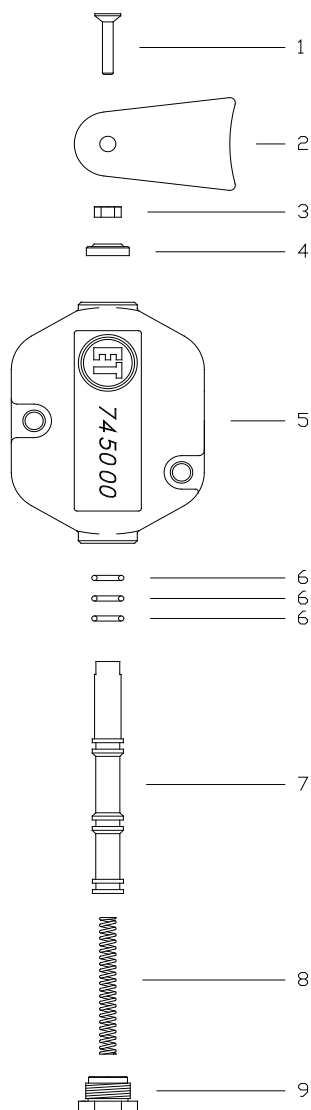


Fig.	Qty.	Descriptionnn	Art.
1	1	Screw	745049
2	1	Push-button	745012
3	1	Lock nut	745052
4	1	Dust cover	745065
5	1	Body	745001
6	3	Distribution gasket	745060
7	1	Distribution axle	745005
8	1	Spring	745015
9	1	Plug	745020

Long push-button Interlock

Art. 745200

Art: KJ7450

Gasket kit

Fig.	Qty.	Description	Art.
4	1	Dust cover	745065
6	3	Disribution gasket	745006

Art: 745012C

Push-button kit

Fig.	Qty.	Description	Art.
1	1	Screw	745049
2	1	Push-button	745012
3	1	Lock nut	745052

Art: 745005C

Distribution kit

Fig.	Qty.	Description	Art.
6	3	Distribution gasket	745006
7	1	Distribution axle	745005
8	1	Spring	745015
9	1	Plug	745020

Vapor Recovery Adaptor

Art. 680000

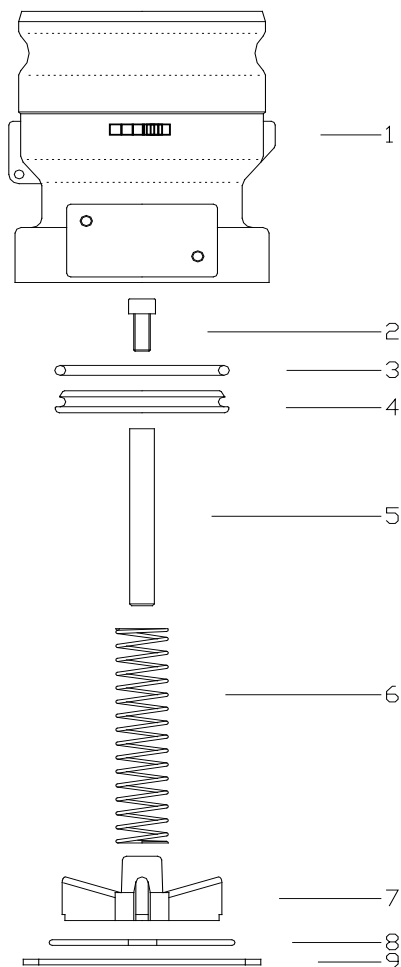


Fig.	Qty.	Description	Art.
1	1	Body	680001
2	1	Shutter saucer screw	680040
3	1	Shutter gasket	680030
4	1	Closing saucer	680005
5	1	Shutter axle	680010
6	1	Shutter spring	680020
7	1	Shutter guide	680015
8	1	Fixing ring	680025
9	1	4" flat gasket	680035

Vapor Recovery Adaptor

Art. 680000

Art: KJ7450

Gasket kit

Fig.	Qty.	Description	Art.
3	1	Shutter axle	680010
9	1	4" flat gasket	680035

Art: 6800015C

Shutter guide kit

Fig.	Qty.	Description	Art.
7	1	Shutter guide	680015
8	1	Fixing ring	680025

Art: 680005C

Shutter kit

Fig.	Qty.	Description	Art.
2	1	Shutter saucer screw	680040
3	1	Shutter gasket	680030
4	1	Closing saucer	680005
5	1	Shutter axle	680010

ACCESORIES

Plug	Ref: 686000
M4'-F3' Reduction	Ref: 680090
Interlock	Ref: 745100

Vapor Recovery Adaptor Cap

Art. 686000

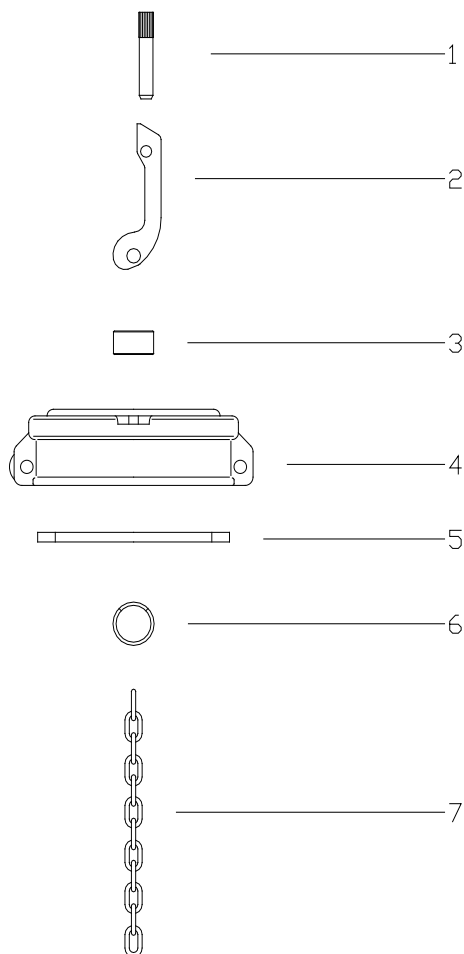


Fig.	Qty.	Description	Art.
1	2	Cam pin	686025V2
2	1	Brass cam	746021
3	1	Closing roller	746028
4	1	Cap	686001
5	1	Cap gasket	686090
6	1	Chain ring	746042I
7	0,25	Chain	746045

Art: 686025C Cam kit

Fig.	Qty.	Description	Art.
1	2	Cam pin	686025V2
2	1	Brass cam	746021
3	1	Closing roller	746028

Art: 746045C Chain kit

Fig.	Qty.	Description	Art.
6	1	Chain ring	746042I
7	0,25	Chain	746045

ACCESORIES

Flat gasket Art: 686090

Long push-button Interlock

Art. 745100

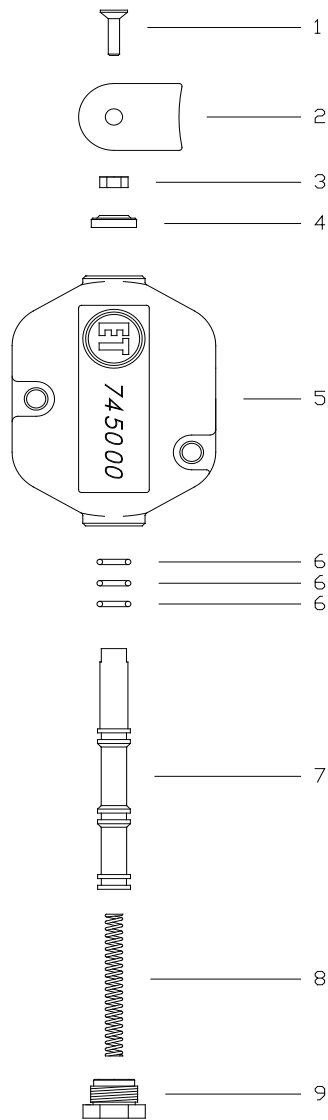
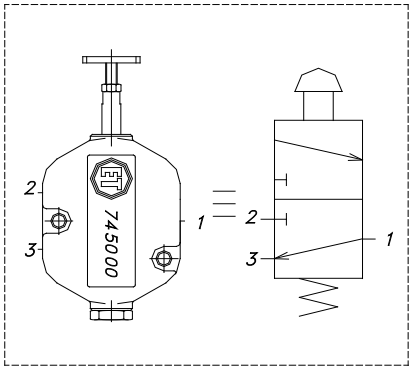


Fig.	Qty.	Description	Art.
1	1	Screw	745049
2	1	Push-button	745011
3	1	Lock nut	745052
4	1	Dust cover	745065
5	1	Body	745001
6	3	Distribution gasket	745060
7	1	Distribution axle	745005
8	1	Spring	745015
9	1	Plug	745020



Long push-button Interlock

Art. 745100

Art: KJ7450

Gasket kit

Fig.	Qty.	Description	Art.
4	1	Dust cover	745065
6	3	Distribution gasket	745006

Art: 745011C

Push-button kit

Fig.	Qty.	Description	Art.
1	1	Screw	745049
2	1	Push-button	745011
3	1	Lock nut	745052

Art: 745005C

Distribution kit

Fig.	Qty.	Description	Art.
6	3	Distribution gasket	745006
7	1	Distribution axle	745005
8	1	Spring	745015
9	1	Plug	745020

4" API Loading and Unloading Valve

Art. 741000

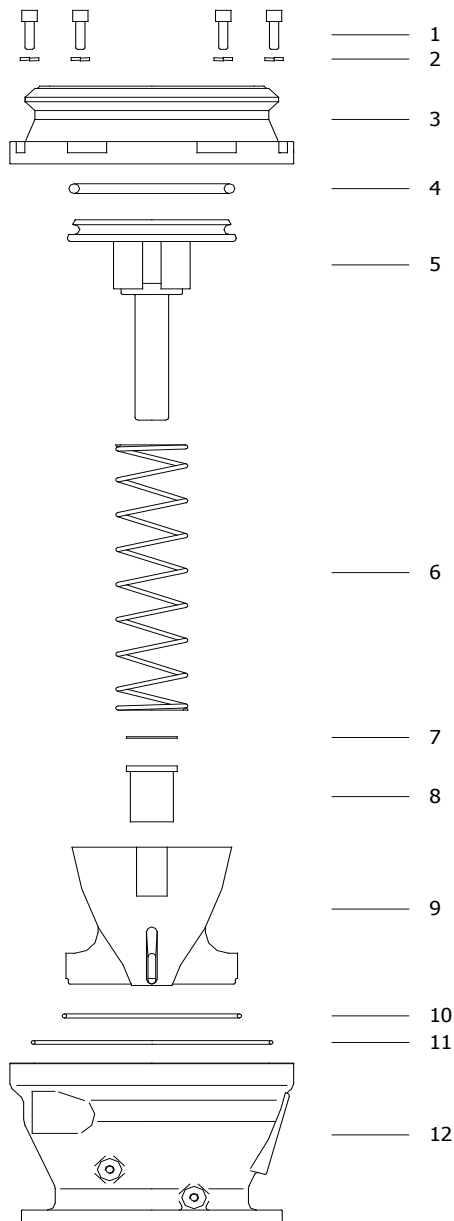


Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
4	1	Shutter gasket	740071
5	1	Shutter	741010
6	1	Spring	740061
7	1	Seeger housing guide	740080
8	1	Shutter housing guide	740065T
9	1	Shutter body guide	740015
10	1	Elastic ring body guide	740063
11	1	Gasket	740074
12	1	Body	740001

4" API Loading and Unloading Valve

Art. 741000

Art: KJ7410

Gasket kit

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
11	1	Body gasket	740074
	1	Flange gasket	740078

Art: 740005C

Coupling kit

Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
11	1	Gasket	740074

Art: 741010C

Shutter kit

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
5	1	Shutter	741010

ACCESORIES:

Flange gasket

Art: 740078

Interlock

Art: 745000

4" API Loading and Unloading Valve with Sightglass. Art. 741500

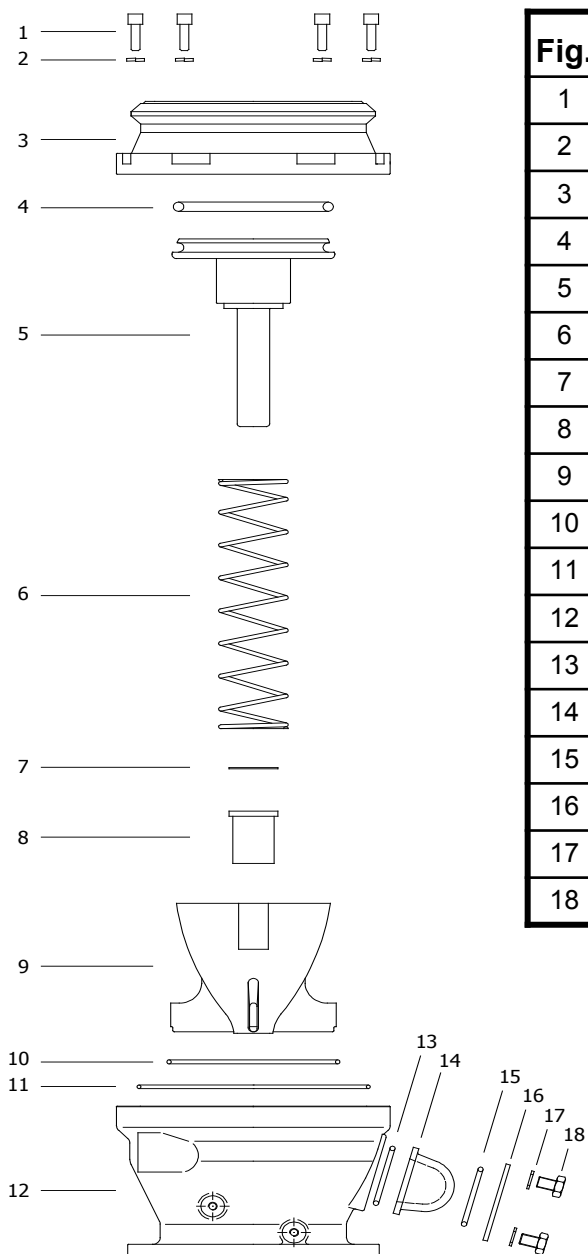


Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
4	1	Shutter gasket	740071
5	1	Shutter	741010
6	1	Spring	740061
7	1	Seeger housing guide	740080
8	1	Shutter housing guide	740065T
9	1	Shutter body guide	740015
10	1	Elastic ring body guide	740063
11	1	Gasket	740074
12	1	Body	741501
13	1	Sightglass internal o-ring	741514
14	1	Borosilicate sightglass	741505V2
15	1	Sightglass external o-ring	741515V
16	1	Sightglass plate	741510
17	4	Sightglass washer	741525
18	4	Sightglass screw	741520

4" API Loading and Unloading Valve with Sightglass. Art. 741500

Art: KJ7415 **Gasket kit**

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
11	1	Body gasket	740075
13	1	Internal gasket	741514
15	1	External gasket	741515V
	1	Flange gasket	740078

Art: 741010C **Shutter kit**

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
5	1	Shutter	741010

Art: 740005C **Coupling kit**

Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
11	1	Body gasket	740074

Art: 741505C **Sightglass kit**

Fig.	Qty.	Description	Art.
13	1	Internal gasket	741514
14	1	Sightglass	741505V2
15	1	External gasket	741515V
16	1	Sightglass plate	741510
17	4	Washer	741525
18	4	Screw	741520

ACCESSORIES:

Flange gasket
Interlock

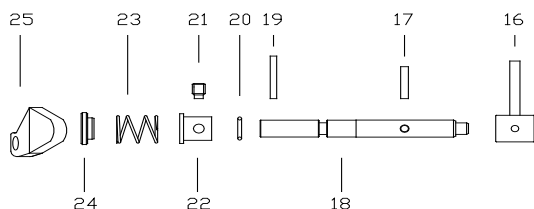
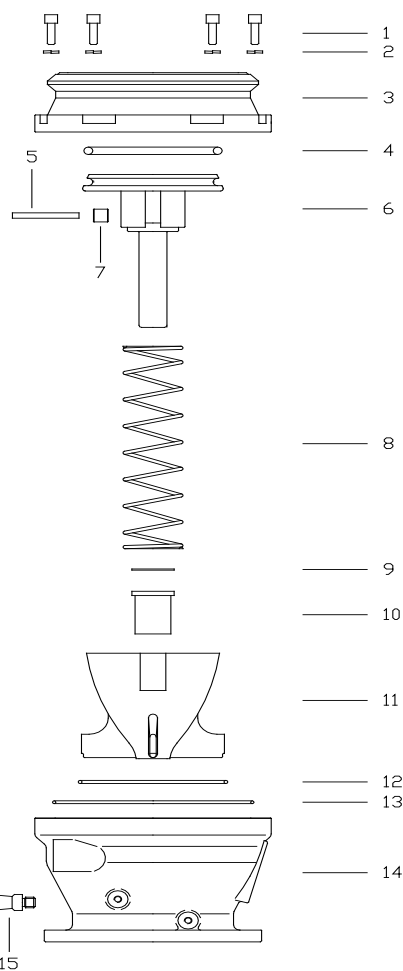
Art: 740078
Art: 745000

4" API Loading and Unloading Valve with Handle.

Art. 742000

Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
4	1	Shutter gasket	740071
5	1	Handle pin	742014
6	1	Handle shutter	742010
7	1	Handle shutter pin	742012
8	1	Spring	740061
9	1	Seeger housing guide	740080
10	1	Shutter housing guide	740065T
11	1	Body housing guide	740015
12	1	Body guide elastic ring	740063
13	1	Body gasket	740074
14	1	Body	742001
15	1	V2 handle stopper	742056
16	1	V2 Cam	742027C
17	1	V2 Cam pin	742028
18	1	V2 handle axle	742019
19	1	Handle pin	742042
20	1	Handle axle gasket	742034

Fig.	Qty.	Description	Art.
21	1	Handle axle positioner	742060
22	1	V2 handle housing guide	742038
23	1	Handle spring	742043
24	1	Handle spring housing	742041
25	1	Handle	742030



4" API Loading and Unloading Valve with Handle.

Art. 742000

Art: KJ7410 **Gasket kit**

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
13	1	Body gasket	740074
	1	Flange gasket	740078

Art: 742010C **Shutter kit**

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
5	1	Handle pin	742014
6	1	Handle shutter	742010
7	1	Handle shutter pin	742012

Art: 740005C **Coupling kit**

Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
13	1	Body gasket	740074

Art: 742030CV2 **Handle kit**

Fig.	Qty.	Description	Art.
16	1	V2 Cam	742027C
17	1	V2 cam pin	742028
18	1	V2 handle axle	742019
19	1	Handle pin	742042
20	1	Handle axle gasket	742034
21	1	Handle axle positioner	742060
22	1	V2 handle housing guide	742038
23	1	Handle spring	742043
24	1	Handle spring housing	742041
25	1	Handle	742030

ACCESORIES:

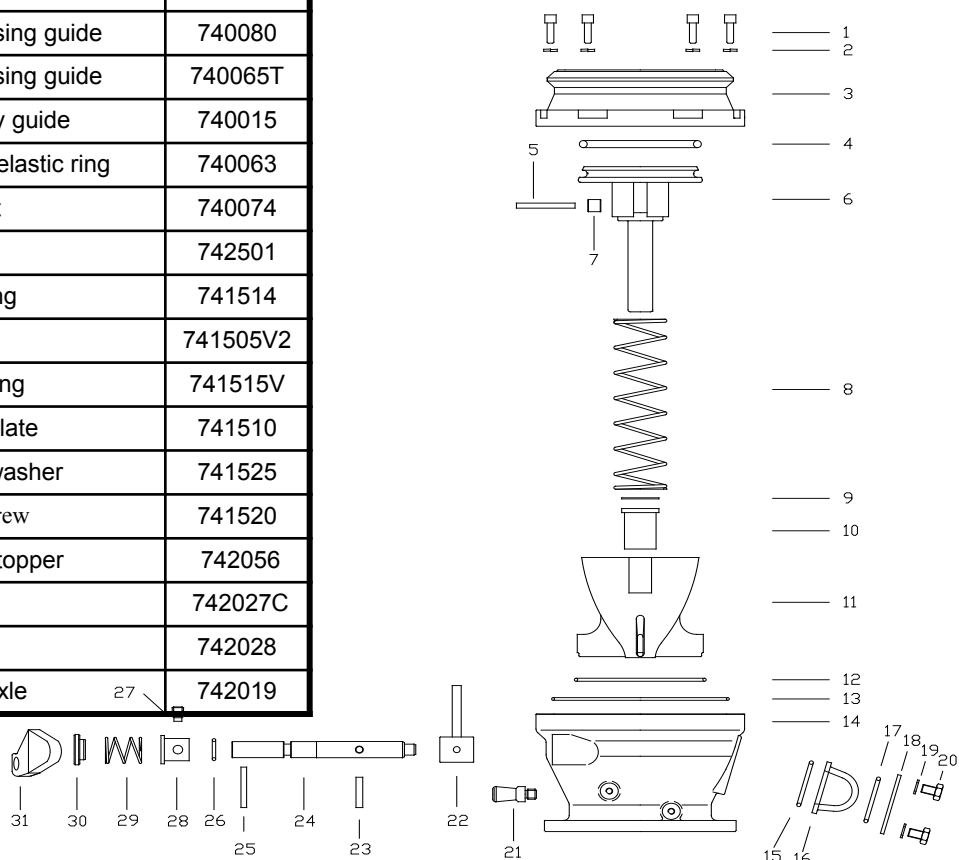
Flange gasket
Interlock

Art: 740078
Art: 745000

4" API Loading and Unloading Valve with Handle and Sightglass. Art. 742500

Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	700085
3	1	Coupling	740005
4	1	Shutter gasket	740071
5	1	Handle pin	742014
6	1	Handle shutter	742010
7	1	Handle shutter pin	742012
8	1	Spring	740061
9	1	Seeger housing guide	740080
10	1	Shutter housing guide	740065T
11	1	Shutter body guide	740015
12	1	Body guide elastic ring	740063
13	1	Body gasket	740074
14	1	Body	742501
15	1	Internal o-ring	741514
16	1	Sightglass	741505V2
17	1	External o-ring	741515V
18	1	Sightglass plate	741510
19	4	Sightglass washer	741525
20	4	Sightglass screw	741520
21	1	V2 handle stopper	742056
22	1	V2 cam	742027C
23	1	V2 cam pin	742028
24	1	V2 handle axle	742019

Fig.	Qty.	Description	Art.
25	1	Handle bobby pin	742042
26	1	Handle axle gasket	742034
27	1	Handle axle positioner	742060
28	1	V2 handle housing guide	742038
29	1	Handle spring	742043
30	1	Handle spring housing	742041
31	1	Handle	742030



4" API Loading and Unloading Valve with Handle and Sightglass. Art. 742500

Art: KJ7425V2

Gasket kit

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
13	1	Body gasket	740075
15	1	Internal o-ring	741514
17	1	External o-ring	741515V
26	1	Handle axle gasket	742034
	1	Flange gasket	740078

Art: 741505C

Sightglass kit

Fig.	Qty.	Description	Art.
15	1	Internal o-ring	741514
16	1	Sightglass	741505V2
17	1	External o-ring	741515V
18	1	Plate	741510
19	4	Washer	741525
20	4	Screw	741520

Art: 742010C

Shutter kit

Fig.	Qty.	Description	Art.
4	1	Shutter gasket	740071
5	1	Handle shutter bobby pin	742014
6	1	Handle shutter	742010
7	1	Handle shutter pin	742012

Art: 740005C

Coupling kit

Fig.	Qty.	Description	Art.
1	8	Screw	740085
2	8	Washer	740086
3	1	Coupling	740005
11	1	Body gasket	740074

Art: 742030CV2

Handle kit

Fig.	Qty.	Description	Art.
22	1	V2 cam	742027C
23	1	V2 cam bobby pin	742028
24	1	V2 handle axle	742019
25	1	Handle bobby pin	742042
26	1	Handle axle gasket	742034
27	1	Handle axle positioner	742060
28	1	V2 handel housing guide	742038
29	1	Handle spring	742043
30	1	Handle housing guide	742041
31	1	Handle	742030

ACCESORIES:

Flange gasket
Interlock

Art: 740078
Art: 745000

4" API Cap

Art. 746100

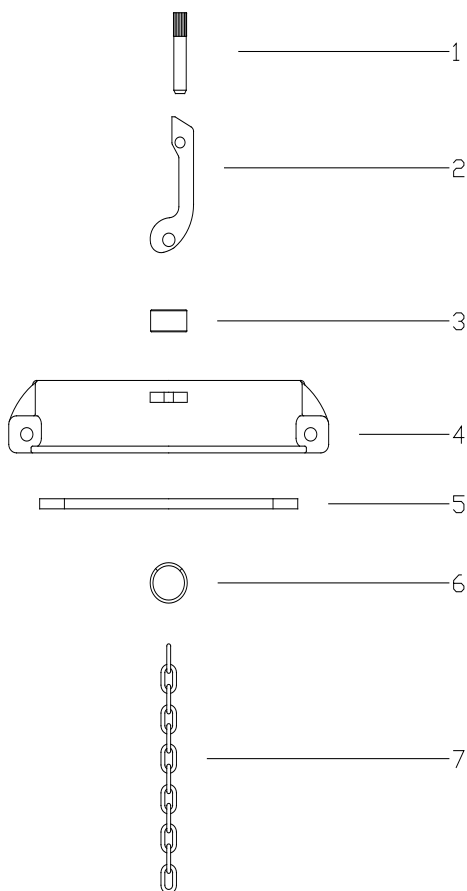


Fig.	Qty.	Description	Art.
1	2	Cam pin	746025
2	1	Brass cam	746021
3	1	Closing roller	746028
4	1	Cap	746001
5	1	Cap gasket	746030N
6	1	Chain ring	746042I
7	0,25	Chain	746045

Art: 746020AC Cam kit

Fig.	Qty.	Description	Art.
1	2	Cam pin	746025
2	1	Brass cam	746021
3	1	Closing roller	746028

Art: 746045C Chain kit

Fig.	Qty.	Description	Art.
6	1	Chain ring	746042I
7	0,25	Chain	746045

ACCESSORIES

Flat gasket	Art: 746030
Nylon Cam	Art: 746020A

Interlock

Art. 745000

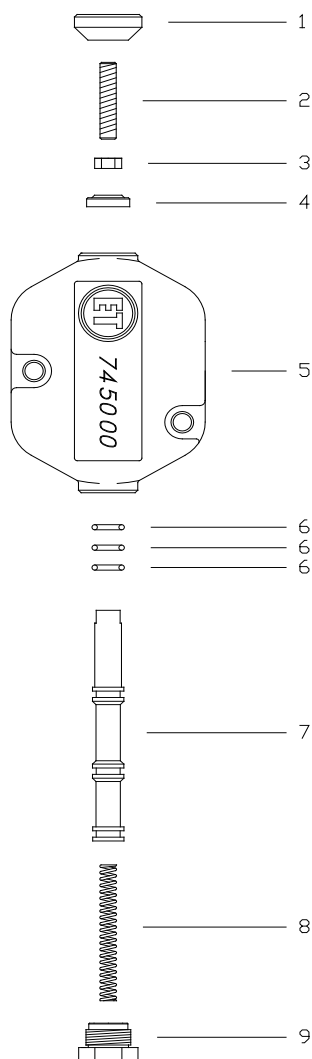
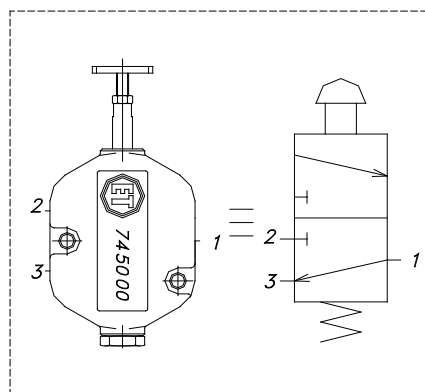


Fig.	Qty.	Description	Art.
1	1	Push-button	745010
2	1	Stud	745050
3	1	Lock nut	745052
4	1	Dust cover	745065
5	1	Body	745001
6	3	Distribution gasket	745060
7	1	Distribution axle	745005
8	1	Spring	745015
9	1	Plug	745020



Interlock

Art. 745000

Art: KJ7450 **Gasket kit**

Fig.	Qty.	Description	Art.
4	1	Dust cover	745065
6	3	Distribution gasket	745006

Art: 745010C **Push-button kit**

Fig.	Qty.	Description	Art.
1	1	Push-button	745010
2	1	Stud	745050
3	1	Lock nut	745052

Art: 745005C **Distribution kit**

Fig.	Qty.	Description	Art.
6	3	Distribution gasket	745006
7	1	Distribution axle	745005
8	1	Spring	745015
9	1	Plug	745020

4" API TTMA Flange

Art: 740890F / 740890H



4" API TTMA Flange.

Welded to the tanker's unloading manifold, allows for the adjustment of the 4" API loading/unloading valve, the 4" vapor recovery adaptor and the 4" see-through spyhole..

GENERAL DIMENSIONS:

Thickness: 12 mm.

External diameter: 173 mm.

Internal diameter: 101 mm.

Diameter between centers: 150mm

Available Materials:

Aluminium Alloy.

Steel

Art: 740078N / 740078V

NBR body flanger gasket (N).

"Vitón" body flange gasket (V).

General Dimensions:

Øint. 112mm

Øext. 170mm

Ø between holes: 149



4" API Gravity Drop Adaptor with Handle

Art. 764000

Fig.	Qty.	Description	Art.
1	1	Body	764001
2	1	Handle axle	764010

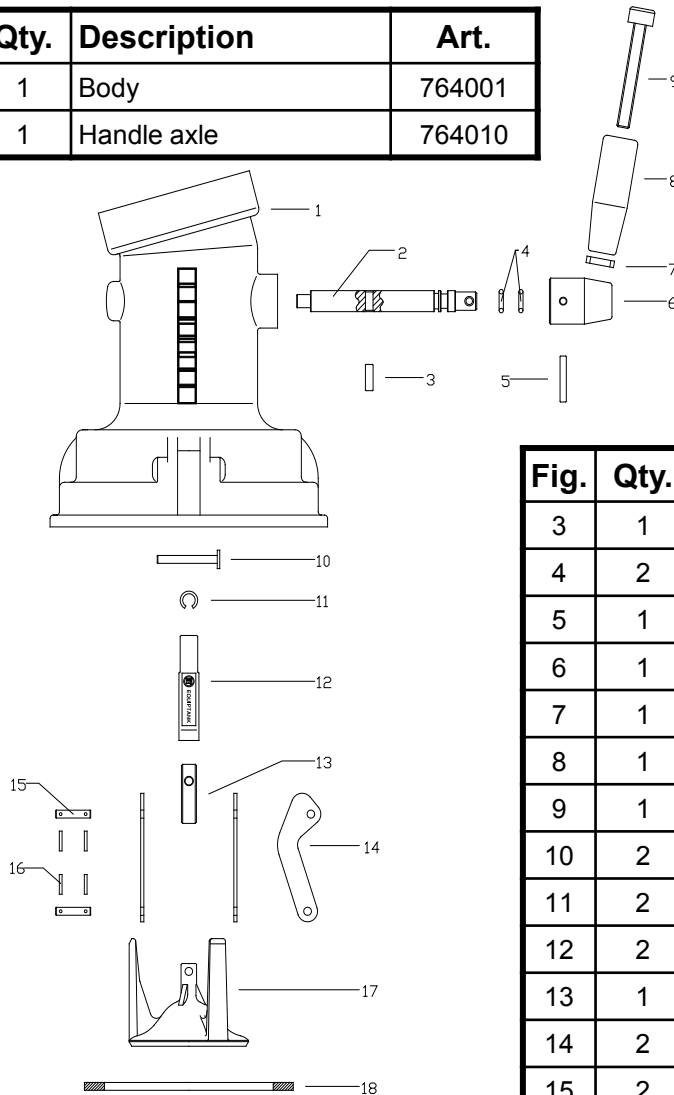


Fig.	Qty.	Description	Art.
3	1	Crank pin	764037
4	2	Handle axle gasket	764035
5	1	Handle pin	764037
6	1	Handle base	764024
7	1	Handle lock nut	764022
8	1	Handle	764020
9	1	Handle screws	764021
10	2	Cam pin	746026
11	2	Safety ring	746029
12	2	Brass cam	746021
13	1	Crank	764012
14	2	Rod	764015
15	2	Plunger pin	764030
16	4	Plunger bobby pin	764032
17	1	Plunger	764005
18	1	Gasket	746030

4" API Gravity Drop Adaptor with Handle

Art. 764000

Art: KJ7450

Gaket kit

Fig.	Qty.	Description	Art.
4	2	Handle axle gasket	764035
18	1	Gasket	746030

Art: 764005C

Plunger kit

Fig.	Qty.	Description	Art.
3	1	Crank pin	764037
13	1	Crank	764012
14	2	Rod	764015
15	2	Plunger pin	764030
16	4	Plunger bobby pin	764032
17	1	Plunger	764005

Art: 764025C

Handle + axle kit

Fig.	Qty.	Description	Art.
2	1	Handle axle	764010
3	1	Crank pin	764037
5	1	Handle pin	764037
6	1	Handle base	764024
7	1	Handle lock nut	764022
8	1	Handle	764020
9	1	Screw	764021

Art: 746021C

Cam kit

Fig.	Qty.	Description	Art.
10	2	Cam pin	746026
11	2	Safety ring	746029
12	2	Brass cam	746021

Art: 764015C

Rod kit

Fig.	Qty.	Description	Art.
14	2	Rod	764015
15	2	Plunger pin	764030
16	4	Plunger bobby pin	764032

Art: 764020C

Handle kit

Fig.	Qty.	Description	Art.
5	1	Handle bobby pin	764037
6	1	Handle base	764024
7	1	Handle lock nut	764022
8	1	Handle	764020
9	1	Screw	764021

ACCESORIES:

M4" – F3" Reduction	Art: 764090
Reduction gasket	Art: 764091
Flat gasket	Art: 746030

4" API Gravity Drop Adaptor with Hanle and Sightglass. Art. 764500

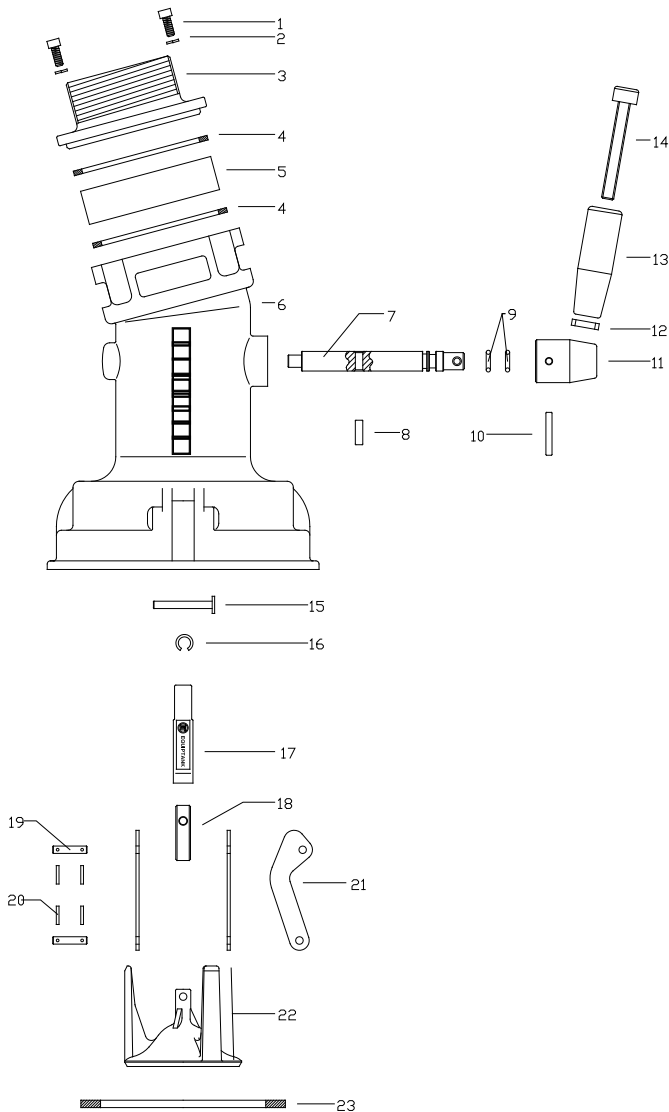


Fig.	Qty.	Description	Art.
1	4	Screw	764516
2	4	Washer	764517
3	1	Reduction coupling	764591
4	2	Sightglass gasket	764514
5	1	Sightglass	764505
6	1	Body	764501
7	1	Handle axle	764010
8	1	Crank pin	764037
9	2	Handle axle gasket	764035
10	1	Handle bobby pin	764037
11	1	Handle base	764024
12	1	Handle lock nut	764022
13	1	Handle	764020
14	1	Handle screw	764021
15	2	Cam pin	746026
16	2	Safety ring	746029
17	1	Brass cam	746021
18	1	Crank	764012
19	2	Plunger pin	764030
20	4	Plunger bobby pin	764032
21	2	Rod	764015
22	1	Plunger	764005
23	1	Gasket	746030

4" API Gravity Drop Adaptor with Handle and Sightglass. Art. 764500

Art: KJ7450 Gasket kit

Fig.	Qty.	Description	Art.
4	2	Handle axle gasket	764035
18	1	Gasket	746030

Art: 764005C Plunger kit

Fig.	Qty.	Description	Art.
3	1	Crank pin	764037
13	1	Handle	764012
14	2	Rod	764015
15	2	Plunger pin	764030
16	4	Plunger bobby pin	764032
17	1	Plunger	764005

Art: 764025C Handle + axle kit

Fig.	Qty.	Description	Art.
2	1	Handle axle	764010
3	1	Crank pin	764037
5	1	Handle pin	764037
6	1	Handle base	764024
7	1	Handle lock nut	764022
8	1	Handle	764020
9	1	Screw	764021

ACCESSORIES:

Flat gasket Art: 746030

Art: 746021C Cam kit

Fig.	Qty.	Description	Art.
10	2	Cam pin	746026
11	2	Safety ring	746029
12	2	Brass cam	746021

Art: 764015C Rod kit

Fig.	Qty.	Description	Art.
14	2	Rod	764015
15	2	Plunger pin	764030
16	4	Plunger bobby pin	764032

Art: 764020C Handle kit

Fig.	Qty.	Description	Art.
5	1	Handle pin	764037
6	1	Handle base	764024
7	1	Handle lock nut	764022
8	1	Handle	764020
9	1	Screw	764021

Art: 764591C Reduction kit

Fig.	Qty.	Description	Art.
1	4	Screw	764516
2	4	Washer	764517
3	1	Reduction coupling	764591

4" API Short Gravity Drop Adaptor

Art. 765000

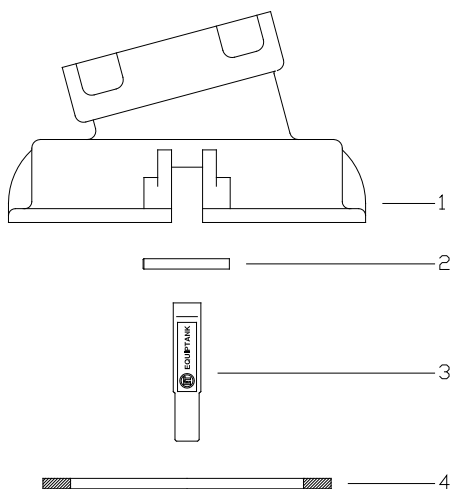


Fig.	Qty.	Description	Art.
1	1	Body	765001
2	2	Cam pi n	746025
3	2	Closing cam	746021
4	1	Gasket	746030

Art: 746021C

Cam kit

Fig.	Qty.	Description	Art.
2	2	Cam pin	746025
3	2	Closing cam	746021

ACCESORIES:

M4" – F3" Reduction	Art: 764090
Reduction gasket	Art: 764091
Flat gasket	Art: 746030

4" API Short Gravity Drop Adaptor with sightglass. Art. 765500

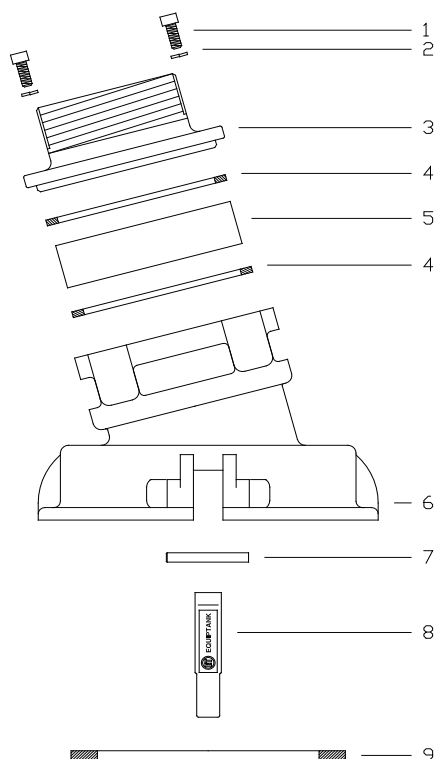


Fig.	Qty.	Description	Art.
1	4	Screw	764516
2	4	Washer	764517
3	1	Reduction coupling	764591
4	2	Sightglass gasket	764514
5	1	Sightglass	764505
6	1	Body	765501
7	2	Cam pin	746025
8	2	Closing cam	746021
9	1	Gasket	746030

Art: 746021C Cam kit

Fig.	Qty.	Description	Art.
2	2	Cam pin	746025
3	2	Closing cam	746021

Art: 764591C Reduction kit

Fig.	Qty.	Description	Art.
1	4	Screw	764516
2	4	Washer	764517
3	1	Reduction coupling	764591

ACCESORIES:

Flat gasket

Art: 746030

4" API Short Gravity Drop Adaptor with 4" Kamlock Outlet. Art. 765600

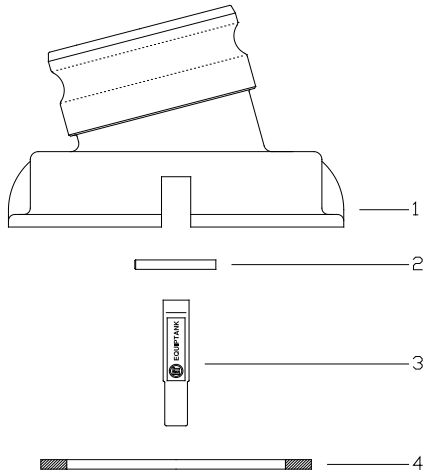


Fig.	Qty.	Description	Art.
1	1	Body	765601
2	2	Cam pin	746025
3	2	Closing cam	746021
4	1	Gasket	746030

Art: 746021C **Cam kit**

Fig.	Qty.	Description	Art.
2	2	Cam pin	746025
3	2	Closing cam	746021

ACCESORIES:

Flat gasket

Art: 746030

4" Short Gravity Drop Adaptor with 3" Kamlock Outlet. Art. 765700

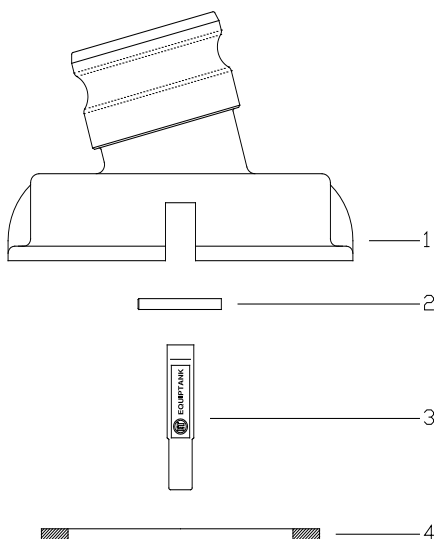


Fig.	Qty.	Description	Art.
1	1	Body	765701
2	2	Cam pin	746025
3	2	Closing cam	746021
4	1	Gasket	746030

Art: 746021C **Cam kit**

Fig.	Qty.	Description	Art.
2	2	Cam pin	746025
3	2	Closing cam	746021

ACCESORIES:

Flat gasket Art: 746030

3'' Pneumatic Bottom Valve

Art. 93 00 00

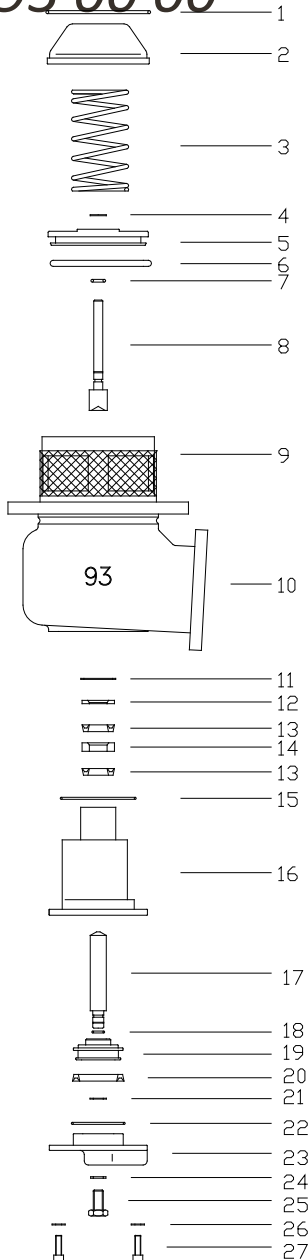


Fig.	Qty.	Description	Art.
1	1	Hood fixing ring	930034
2	1	Hood	930003
3	1	Closing saucer spring	930028
4	1	Seeger closing saucer axle	930032
5	1	Closing saucer	930010V2
6	1	Saucer gasket	930047
7	1	Saucer axle gasket	930044
8	1	Closing saucer axle	930020
9	1	Filter mesh	930090
10	1	Body	930001
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spile	940080
15	1	Cylinder body gasket	940042
16	1	Cuerpo cilindro	940005
17	1	Piston axle	940015
18	1	Piston axle gasket	940048
19	1	Piston	940025
20	1	Piston retainer	940060
21	1	Seeger piston axle	940071
22	1	Butt gasket	940040
23	1	Butt	940006
24	1	Butt gasket washer	940037
25	1	Emergency plug	940036
26	4	Butt washer	940041
27	4	Butt screw	940039

3" Pneumatic Bottom Valve Art. 93 00 00

Art: KJ9300

Gasket kit

Fig.	Qty.	Description	Art.
6	1	Saucer gasket	930047
7	1	Saucer axle gasket	930044
13	2	Piston axle retainer	940061
15	1	Cylinder body gasket	940042
18	1	Piston axle gasket	940048
20	1	Piston retainer	940060
22	1	But gasket	940040

Art: 930010V2C

Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer axle	930032
5	1	Closing saucer	930010V2
6	1	Saucer gasket	930047
7	1	Saucer axle gasket	930044
8	1	Closing saucer axle	930020

Art: 940006C

Pneumatic butt kit

Fig.	Qty.	Description	Art.
22	1	Butt gasket	940040
23	1	Butt	940006
24	1	Butt gasket washer	940037
25	1	Emergency plug	940036

Art: 940505C

Pneumatic cylinder kit

Fig.	Qty.	Description	Art.
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spile	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	940005
17	1	Piston axle	940015
18	1	Piston axle gasket	940048
19	1	Piston	940025
20	1	Piston retainer	940060
21	1	Seeger piston axle	940071
22	1	Butt gasket	940040
23	1	Butt	940006
24	1	Butt gasket washer	940037
25	1	Emergency plug	940036
26	4	Butt washer	940041
27	4	Butt screw	940039

ACCESORIES:

Square flange gasket Art: 930051N
 Round flange gasket Art: 930050N
 Emergency key ia Art: 940095

3" Mechanical Bottom Valve

Art. 93 40 00

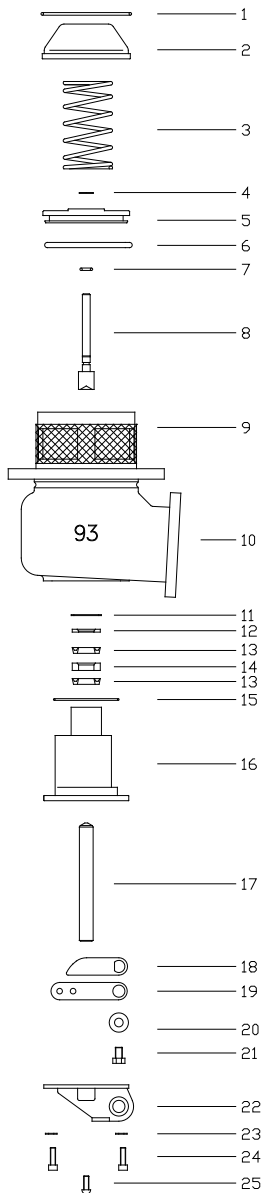


Fig.	Qty.	Description	Art.
1	1	Hood fixing ring	930034
2	1	Hood	930003
3	1	Closing saucer spring	930030
4	1	Seeger saucer axle	930032
5	1	Closing saucer	930010V2
6	1	Saucer gasket	930047
7	1	Saucer axle gasket	930044
8	1	Saucer axle	930020
9	1	Filter mesh	930090
10	1	Body	930001
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	934005
17	1	Middel axle	934015
18	1	Cam	934025F
19	1	Laver + axle	934030C
20	1	Lever washer	934061
21	1	Lever screw	934063
22	1	Butt	934006C
23	3	Butt washer	940041
24	3	Butt screw	940039
25	1	Mech. Butt screw.	934040

3" Mechanical Bottom Valve

Art. 93 40 00

Art: KJ9340 Gasket kit

Fig.	Qty.	Description	Art.
6	1	Saucer gasket	930047
7	1	Saucer axle gasket	930044
13	2	Piston axle retainer	940061
15	1	Cylinder body gasket	940042

Art: 934005C Mechanical cylinder kit

Fig.	Qty.	Description	Art.
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	934005
17	1	Middel axle	934015
18	1	Cam	934025F
19	1	Lever + axle	934030C
20	1	Lever washer	934061
21	1	Lever screw	934063
22	1	Butt	934006C
23	3	Butt washer	940041
24	3	Butt screw	940039
25	1	Mech. butt screw	934040

Art: 930010V2C Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer axle	930032
5	1	Closing saucer	930010V2
6	1	Saucer gasket	930047
7	1	Saucer axle gasket	930044
8	1	Closing saucer axle	930020

Art: 930010V2C Mechanical butt kit

Fig.	Qty.	Description	Art.
18	1	Cam	934025F
19	1	Lever + axle	934030C
20	1	Lever washer	934061
21	1	Lever screw	934063
22	1	Butt	934006C
23	3	Butt washer	940041
24	3	Butt screw	940039
25	1	Mech. butt screw.	934040

ACCESORIES:

Square flange gasket Art: 930051N

Round flange gasket Art: 930050N

DN100 4" Pneumatic Bottom Valve

Art. VF9402

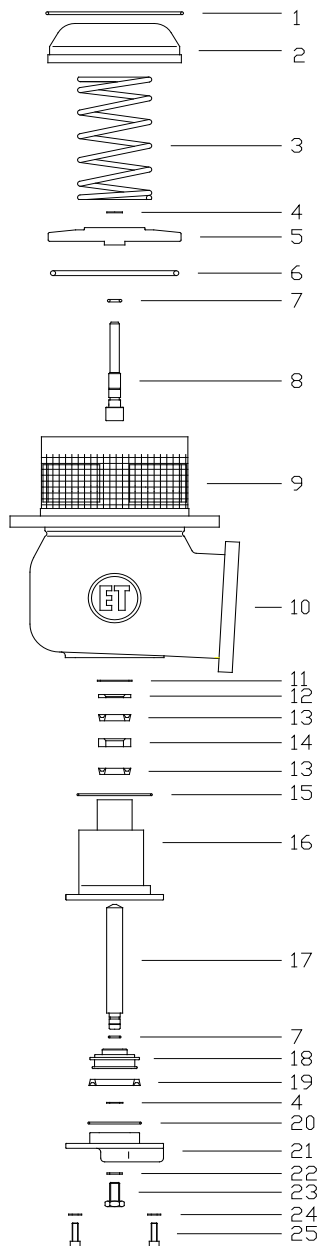


Fig.	Qty.	Description	Art.
1	1	Hood fixing ring	940034
2	1	Hood	940003
3	1	Closing saucer spring	940030
4	2	Seeger saucer-piston axle	940071
5	1	Closing saucer	940012
6	1	Saucer gasket	940046
7	2	Saucer-piston axle gasket	940048
8	1	Saucer axle	940023V2
9	1	Filter mesh	940085
10	1	Body	940001E
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	940005
17	1	Piston axle	940016
18	1	Piston	940025
19	1	Piston retainer	940060
20	1	Butt gasket	940040
21	1	Butt	940006
22	1	Butt gasket washer	601045
23	1	Emergency plug	940036
24	4	Butt washer	940041
25	4	Butt screw	940039

DN100 4" Pneumatic Bottom Valve

Art. VF9402

Art: KJ9400 Gasket kit

Fig.	Qty.	Description	Art.
6	1	Saucer gasket	940046
7	2	Saucer-piston axle gasket	940048
13	2	Piston axle retainer	940061
15	1	Cylinder body gasket	940042
19	1	Piston retainer	940060
20	1	Butt gasket	940040
22	1	Butt gasket washer	601045

Art: 940012C Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer-piston axle	940071
5	1	Closing saucer	940012
6	1	Saucer gasket	940046
7	1	Saucer-piston axle gasket	940048
8	1	Closing saucer axle	940023V2

Art: 940006C Pneumatic butt kit

Fig.	Qty.	Description	Art.
20	1	Butt gasket	940040
21	1	Butt	940006
22	1	Butt gasket washer	601045
23	1	Emergency plug	940036

Art: 940505C Pneumatic cylinder kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer-piston axle	940071
7	1	Saucer-piston axle gasket	940048
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	940005
17	1	Piston axle	940016
18	1	Piston	940025
19	1	Piston retainer	940060
20	1	Butt gasket	940040
21	1	Butt	940006
22	1	Butt gasket washer	601045
23	1	Emergency plug	940036
24	4	Butt washer	940041
25	4	Butt screw	940039

ACCESORIES:

Square flange gasket Art: 940051N
Round flange gasket Art: 940050N
Emergency key Art: 940095

DN100 4" Sequential Pneumatic Bottom Valve.

Art. VF9422

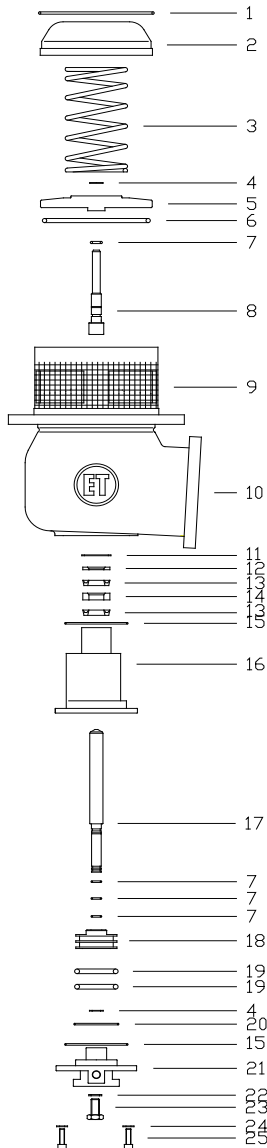


Fig.	Qty.	Description	Art.
1	1	Hood fixing ring	940034
2	1	Hood	940003
3	1	Closing saucer spring	940030
4	2	Seeger saucer-piston axle	940071
5	1	Closing saucer	940012
6	1	Saucer gasket	940046
7	4	Saucer-piston axle gasket	940048
8	1	Closing saucer axle	940023V2
9	1	Filter mesh	940085
10	1	Body	940001E
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	2	Cylinder body gasket	940042
16	1	Sequential cylinder body	942005
17	1	Sequential piston axle	942016
18	1	Sequential piston	942025
19	2	Piston gasket	942060
20	1	Butt gasket	940040
21	1	Sequential butt	942006
22	1	Butt gasket washer	601045
23	1	Emergency plug	940036
24	4	Butt washer	940041
25	4	Butt screw	940039

DN100 4" Sequential Pneumatic Bottom Valve.

Art. VF9422

Art: KJ9420

Gasket kit

Fig.	Qty.	Description	Art.
6	1	Saucer gasket	940046
7	4	Saucer-piston axle gasket	940048
15	2	Cylinder body gasket	940042
19	2	Piston gasket	942060
20	2	Butt gasket	940040

Art: 940012C

Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer-piston axle	940071
5	1	Closing saucer	940012
6	1	Saucer gasket	940046
7	1	Saucer-piston axle gasket	940048
8	1	Closing saucer gasket	940023V2

Art: 940006C

Sequential pneumatic butt kit

Fig.	Qty.	Description	Art.
20	1	Butt gasket	940040
21	1	Butt	940006
22	1	Butt gasket washer	601045
23	1	Emergency plug	940036

Art: 942505C

Sequential pneumatic cylinder kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer-piston axle	940071
7	3	Saucer-piston axle gasket	940048
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	2	Cylinder body gasket	940042
16	1	Sequential cylinder body	942005
17	1	Sequential piston axle	942016
18	1	Sequential piston	942025
19	2	Piston gasket	942060
20	1	Butt gasket	940040
21	1	Sequential butt	942006
22	1	Butt gasket washer	601045
23	1	Emergency plug	940036
24	4	Butt washer	940041
25	4	Butt screw	940039

ACCESORIES:

Square flange gasket Art: 940051N
Round flange gasket Art: 940050N
Emergency key Art: 940095

DN100 4" Mechanical Bottom Valve

Art. VF9440

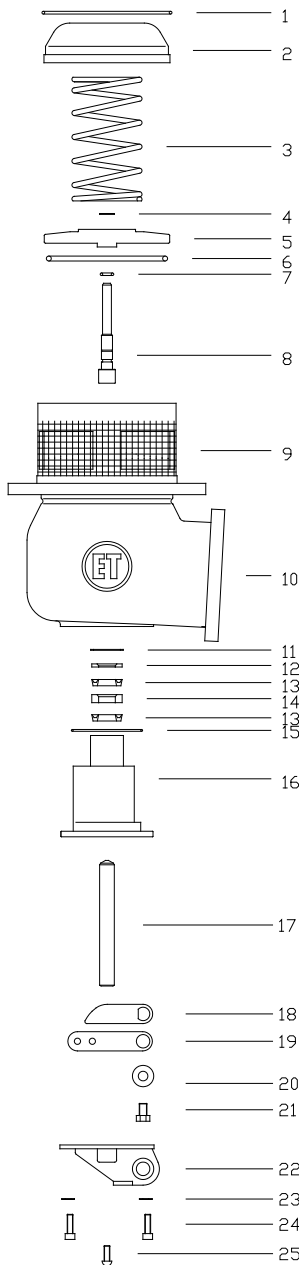


Fig.	Qty.	Description	Art.
1	1	Hood fixing ring	940034
2	1	Hood	940003
3	1	Closing saucer spring	940030
4	1	Seeger saucer axle	940071
5	1	Closing saucer	940012
6	1	Saucer gasket	940046
7	1	Saucer axle gasket	940048
8	1	Closing saucer axle	940023V2
9	1	Filter mesh	940085
10	1	Body	940001E
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	934005
17	1	Middel axle	934015
18	1	Cam	934025F
19	1	Lever + axle	934030C
20	1	Lever washer	934061
21	1	Lever screw	934063
22	1	Butt	934006C
23	3	Butt washer	940041
24	3	Butt screw	940039
25	1	Mech butt screw.	934040

DN100 4" Mechanical Bottom Valve

Art. VF9440

Art: KJ9440

Gasket kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer axle	940071
7	1	Saucer axle gasket	940048
13	2	Piston axle retainer	940061
15	1	Cylinder body gasket	940042

Art: 934005C

Mechanical cylinder kit

Fig.	Qty.	Description	Art.
11	1	Seeger cylinder body	940070
12	1	Retainer ring	940082
13	2	Piston axle retainer	940061
14	1	Spline	940080
15	1	Cylinder body gasket	940042
16	1	Cylinder body	934005
17	1	Middle axle	934015
18	1	Cam	934025F
19	1	Lever + axle	934030C
20	1	Lever washer	934061
21	1	Lever screw	934063
22	1	Butt	934006C
23	3	Butt washer	940041
24	3	Butt screw	940039
25	1	Mech butt screw.	934040

Art: 940012C

Closing saucer kit

Fig.	Qty.	Description	Art.
4	1	Seeger saucer-piston axle	940071
5	1	Closing saucer	940012
6	1	Saucer gasket	940046
7	1	Saucer-piston axle gasket	940048
8	1	Closing saucer axle	940023V2

Art: 930010V2C

Mechanical butt kit

Fig.	Qty.	Description	Art.
18	1	Cam	934025F
19	1	Lever +axle	934030C
20	1	Lever washer	934061
21	1	Lever screw	934063
22	1	Butt	934006C
23	3	Butt washer	940041
24	3	Butt screw	940039
25	1	Mech butt screw	934040

4" Extra Low Profile Sequential Pneumatic Bottom Valve. Art. VF9422LP

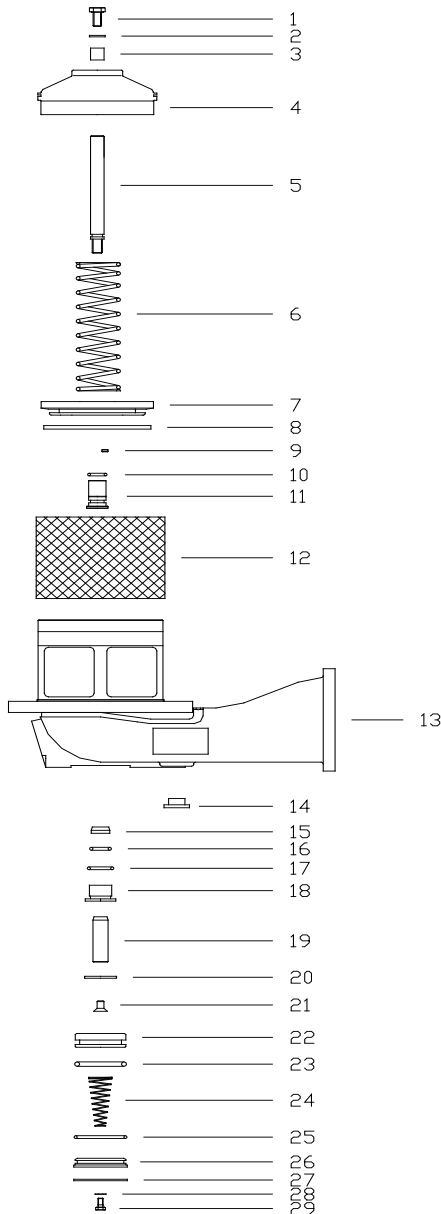


Fig.	Qty.	Description	Art.
1	1	Screw	94LP042
2	1	Washer	94LP043
3	2	Saucer axle guide spline	94LP038V2
4	1	Hood	94LP003
5	1	Hood axle	94MP009
6	1	Closing spring	94LP030
7	1	Closing saucer	94LP012
8	1	Closing gasket	94LP036
9	1	Fixing stud	94LP021
10	1	Saucer axle spline gasket	94LP022
11	1	Saucer axle spline	94LP008
12	1	Filter mesh	94LP037
13	1	Body	94LP001
14	2	½ Plug	10712
15	1	Piston axle dust cover	94LP013
16	1	Piston axle gasket	94LP014
17	1	Spline gasket	94LP019
18	1	Piston axle guide spline	94LP017
19	1	Piston axle	94LP015V2
20	1	Butt saucer	94LP016V3
21	1	Saucer fixing screw	94LP020
22	1	Piston	94LP025
23	1	Piston gasket	94LP011
24	1	Piston sequential spring	94LP034
25	1	Butt gasket	94LP018
26	1	Butt	94LP006
27	1	Seeger butt	94LP039
28	1	Metal rubber gasket	94LP041
29	1	Butt plug	94LP040

4" Extra Low Profile Sequential Pneumatic Bottom Valve. Art. VF9422LP

Art: KJVF9422LP **Gasket kit**

Fig.	Qty.	Description	Art.
8	1	Closing gasket	94LP036
10	1	Saucer axle spline gasket	94LP022
15	1	Piston axle dust cover	94LP013
16	1	Piston axle gasket	94LP014
17	1	Spline gasket	94LP019
18	1	Piston axle guide spline	94LP017
23	1	Piston gasket	94LP011
25	1	Butt gasket	94LP018
28	1	Metal rubber gasket	94LP041

Art: 94LP012C **Closing saucer kit**

Fig.	Qty.	Description	Art.
1	1	Screw	94LP042
2	1	Washer	94LP043
3	2	Saucer axle guide spline	94LP038V2
4	1	Hood	94LP003
5	1	Hood axle	94MP009
6	1	Closing spring	94LP030
7	1	Closing saucer	94LP012
8	1	Closing gasket	94LP036
9	1	Fixing stud	94LP021
10	1	Saucer axle spline gasket	94LP022
11	1	Saucer axle spline	94LP008

Art: 94LP006C **Butt kit**

Fig.	Qty.	Description	Art.
15	1	Piston axle dust cover	94LP013
16	1	Piston axle gasket	94LP014
17	1	Spline gasket	94LP019
18	1	Piston axle guide spline	94LP017
19	1	Piston axle	94LP015V2
20	1	Butt saucer	94LP016V3
21	1	Saucer fixing screw	94LP020
22	1	Piston	94LP025
23	1	Piston axle	94LP011
24	1	Piston sequential spring	94LP034
25	1	Butt gasket	94LP018
26	1	Butt	94LP006
27	1	Seeger butt	94LP039
28	1	Metal rubber gasket	94LP041
29	1	Butt plug	94LP040

ACCESORIES:

Emergency key Art: 94MP95

4" Sequential Bottom Valve

Art. VF94MP

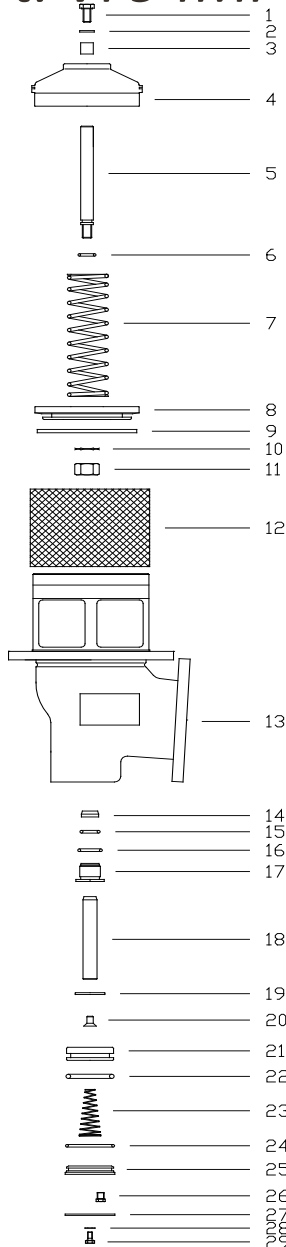


Fig.	Qty.	Descripción	Art.
1	1	Screw	94LP042
2	1	Washer	94LP043
3	2	Saucer axle splice guide	94LP038V2
4	1	Hood	94LP003
5	1	Hood axle	94MP009
6	1	Saucer axle gasket	94LP010
7	1	Closing spring	94LP030
8	1	Closing saucer	94MP012
9	1	Gasket	94LP036
10	1	Saucer nut washer	94MP045
11	1	Saucer nut	94MP044
12	1	Filter mesh	94LP037
13	1	Body	94SP001
14	1	Piston axle dust cover	94LP013
15	1	Piston axle gasket	94LP014
16	1	Spile gasket	94LP019
17	1	Piston axle splice guide	94MP017
18	1	Piston axle	94SP015V2
19	1	Saucer butt	94LP016V3
20	1	Saucer fixing screw	94LP020
21	1	Piston	94LP025
22	1	Piston gasket	94LP011
23	1	Piston sequential spring	94LP034
24	1	Butt gasket	94LP018
25	1	Butt	94SP006
26	1	Temperature fuse	94SP050
27	1	Seeger butt	94LP039
28	1	Metal rubber gasket	94LP041
29	1	Butt plug	94LP040

4" Sequential Bottom Valve

Art. VF94MP

Art: KJVF9422MP
Gasket kit

Fig.	Qty.	Description	Art.
6	1	Saucer axle gasket	94LP010
9	1	Gasket	94LP036
14	1	Piston axle dust cover	94LP013
15	1	Piston axle gasket	94LP014
16	1	Spile gasket	94LP019
17	1	Piston axle spile guide	94MP017
22	1	Piston gasket	94LP011
24	1	Butt gasket	94LP018
28	1	Metal rubber gasket	94LP041

Art: 94MP012C
Closing saucer kit

Fig.	Qty.	Description	Art.
1	1	Screw	94LP042
2	1	Washer	94LP043
3	2	Saucer axle spline guide	94LP038V2
4	1	Hood	94LP003
5	1	Hood axle	94MP009
6	1	Saucer axle gasket	94LP010
7	1	Closing spring	94LP030
8	1	Closing saucer	94MP012
9	1	Gasket	94LP036
10	1	Saucer nut washer	94MP045
11	1	Saucer nut	94MP044

Art: 94SP006C
Butt kit

Fig.	Qty.	Description	Art.
14	1	Piston axle dust cover	94LP013
15	1	Piston axle gasket	94LP014
16	1	Spile gasket	94LP019
17	1	Piston axle spile guide	94MP017
18	1	Piston axle	94SP015V2
19	1	Saucer butt	94LP016V3
20	1	Saucer fixing screw	94LP020
21	1	Piston	94LP025
22	1	Piston gasket	94LP011
23	1	Piston sequential spring	94LP034
24	1	Butt gasket	94LP018
25	1	Butt	94SP006
26	1	Temperature fuse	94SP050
27	1	Seeger butt	94LP039
28	1	Metal rubber gasket	94LP041
29	1	Butt plug	94LP040

ACCESORIES:

Emergency key

Art: 94SP095

4" Low Profile Sequential Pneumatic Bottom Valve. Art. VF9422MP

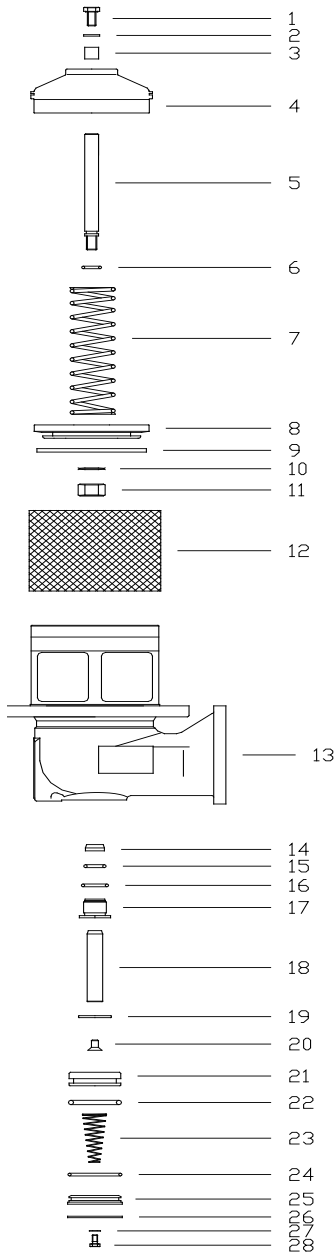


Fig.	Qty.	Description	Art.
1	1	Screw	94LP042
2	1	Washer	94LP043
3	2	Saucer axle spile guide	94LP038V2
4	1	Hood	94LP003
5	1	Hood axle	94MP009
6	1	Saucer axle gasket	94LP010
7	1	Closing spring	94LP030
8	1	Closing saucer	94MP012
9	1	Closing gasket	94LP036
10	1	Saucer nut washer	94MP045
11	1	Saucer nut	94MP044
12	1	Filter mesh	94LP037
13	1	Body	94MP001
14	1	Piston axle dust cover	94LP013
15	1	Piston axle gasket	94LP014
16	1	Spile gasket	94LP019
17	1	Piston axle spile guide	94MP017
18	1	Piston axle	94MP015V2
19	1	Butt saucer	94LP016V3
20	1	Saucer fixing screw	94LP020
21	1	Piston	94LP025
22	1	Piston gasket	94LP011
23	1	Sequential piston spring	94LP034
24	1	Butt gasket	94LP018
25	1	Butt	94LP006
26	1	Seeger Butt	94LP039
27	1	Metal rubber gasket	94LP041
28	1	Butt plug	94LP040

4" Low Profile Sequential Pneumatic Bottom Valve. Art. VF9422MP

Art: KJVF9422MP **Gasket kit**

Fig.	Qty.	Description	Art.
6	1	Saucer axle gasket	94LP010
9	1	Closing gasket	94LP036
14	1	Piston axle dust cover	94LP013
15	1	Piston axle gasket	94LP014
16	1	Spile gasket	94LP019
17	1	Piston axle spile guide	94MP017
22	1	Piston gasket	94LP011
24	1	Butt gasket	94LP018
27	1	Metal rubber gasket	94LP041

Art: 94MP006C **Butt kit**

Fig.	Qty.	Description	Art.
14	1	Piston axle dust cover	94LP013
15	1	Piston axle gasket	94LP014
16	1	Spile gasket	94LP019
17	1	Piston axle spile guide	94MP017
18	1	Piston axle	94MP015V2
19	1	Butt saucer	94LP016V3
20	1	Saucer fixing screw	94LP020
21	1	Piston	94LP025
22	1	Piston gasket	94LP011
23	1	Sequential piston spring	94LP034
24	1	Butt gasket	94LP018
25	1	Butt	94LP006
26	1	Seeger butt	94LP039
27	1	Metal rubber gasket	94LP041
28	1	Butt plug	94LP040

Art: 94MP012C **Closing saucer kit**

Fig.	Qty.	Description	Art.
1	1	Screw	94LP042
2	1	Washer	94LP043
3	2	Saucer axle spile guide	94LP038V2
4	1	Hood	94LP003
5	1	Hood axle	94MP009
6	1	Saucer axle gasket	94LP010
7	1	Closing spring	94LP030
8	1	Closing saucer	94MP012
9	1	Closing gasket	94LP036
10	1	Saucer nut washer	94MP045
11	1	Saucer nut	94MP044

ACCESORIES:

Emergency key Art: 94MP95

Sump Flange for Bottom Valve

Art. 940887 / 940888



Weight: 1,69 Kg

Manufactured in carbon steel.

4" diameter TW (EN).

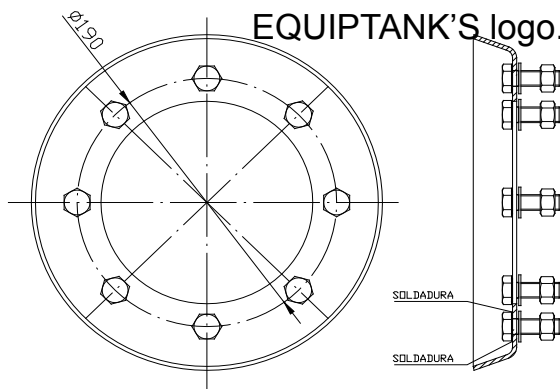
Diameter between centers 7,25" Art:
940887

Diameter between centers 190 mm Art:
940888

Welded to the bottom part of the tank truck.

Compatible with EQUIPTANK'S VF94 series.

The sump flange is branded with the article number 940887 / 940888 and EQUIPTANK'S logo.



APPROVALS:

According to TTMA

According to EN

Tank Flanges

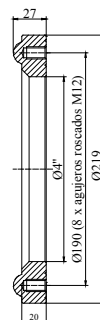
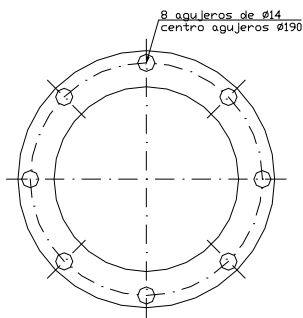


Steel tank flange

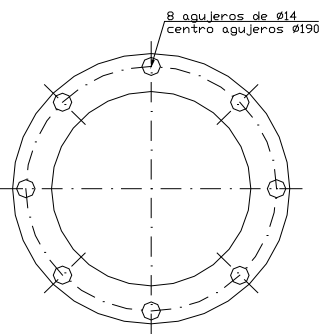
Art. 940890FE

Aluminium tank flange

Art. 940890EM



NBR tank flange gasket Art. 940052N



"Vitón" tank flange gasket Art. 940052V

Square Flanges

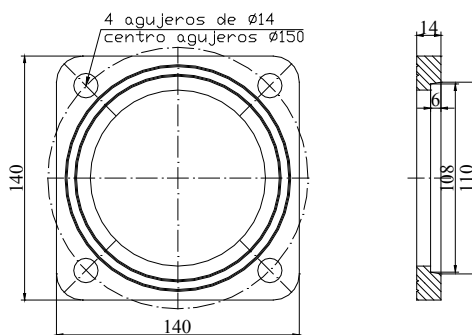


Steel square flange

Art. 940891H

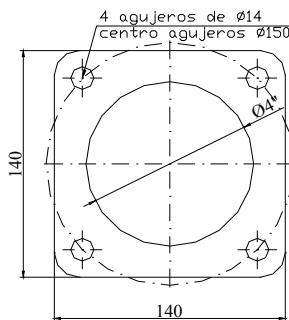
Cast aluminium square flange

Art. 940891E



NBR square flange gasket

Art. 940053N



“Vitón” square flange gasket

Art. 940053V

4" Pneumatic Manifold

Art. VC4N



CARACTERISTICAS:

Pneumatically operated.

Body test pressure 500 KPa.

Of easy installation.

MATERIALS:

Body and components of aluminium alloy, treated and anodized.

Internal component made of stainless steel.

Gaskets made of fluoroelastomer.

Weight: 8,25 Kg



4'' Pneumatic Manifold

Art. VC4N

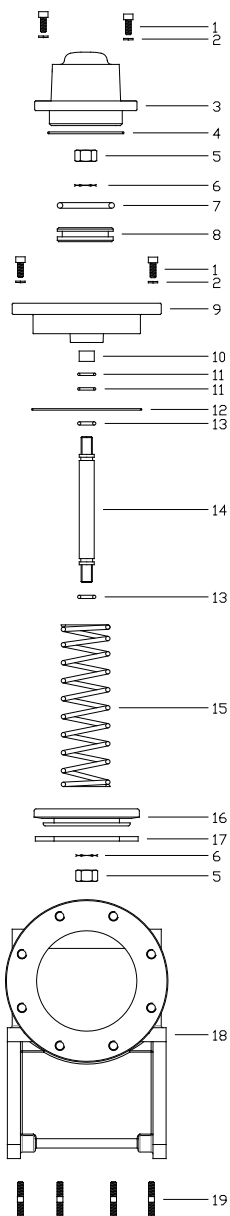


Fig.	Cant.	Descripción	Art.
1	9	M8 Screw	VC4N4012
2	9	M8 Glower washer	VC4N011
3	1	Cylinder cover	VC4N005
4	1	Cylinder cover o-ring	VC4N018
5	2	M12 self-blocking washer	VC4N014
6	2	M12 toothed washer	VC4N013
7	1	Piston o-ring	VC4N015
8	1	Piston	VC4N003
9	1	Butt	VC4N002
10	1	Saucer axle spile	VC4N009
11	2	Butt axle gasket	VC4N019
12	1	Butt gasket	VC4N017
13	2	Piston axle gasket	VC4N016
14	1	Piston axle	VC4N004
15	1	Closing spring	94LP030
16	1	Closing saucer	VC4N006
17	1	Closing saucer gasket	VC4N007
18	1	Body	VC4N001
19	16	Threaded stud	VC4N010



NBR flange gasket



Art. 740078N

NBR square flange gasket Art. 940053N

3" Ball Valve Flange / Flange

Art. VB23BB

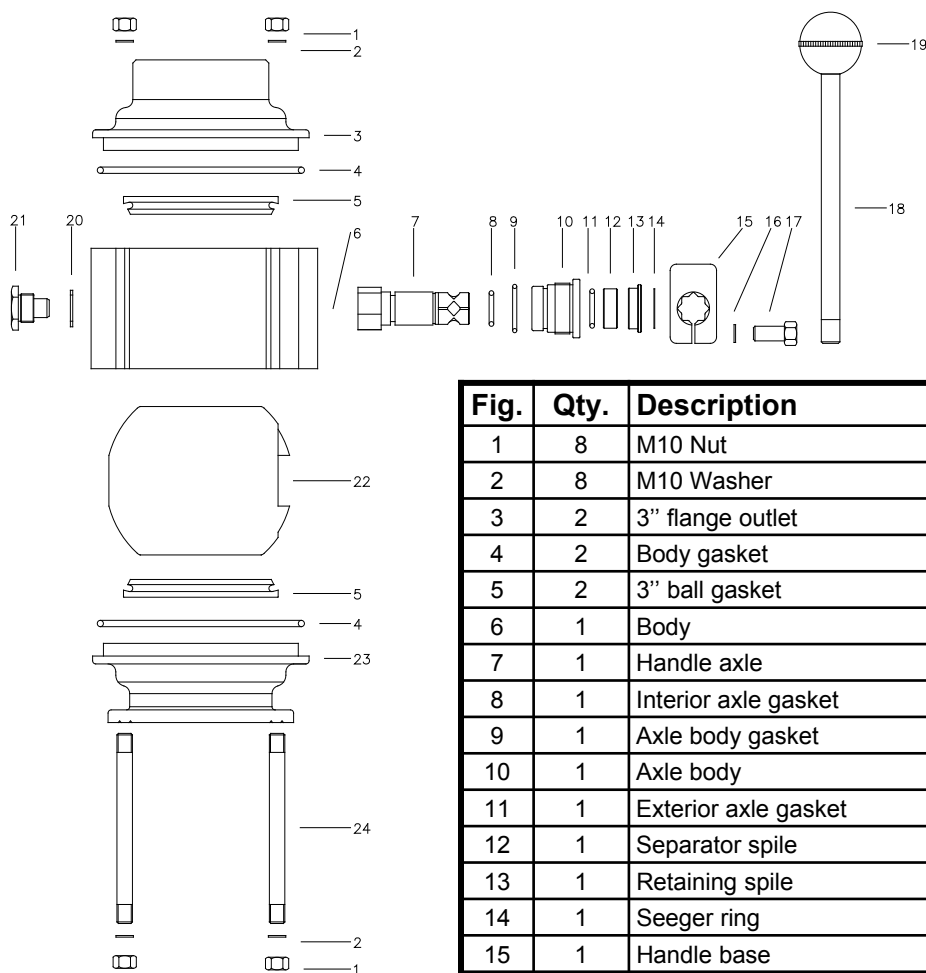


Fig.	Qty.	Description	Art.
1	8	M10 Nut	230056
2	8	M10 Washer	230057
3	2	3" flange outlet	230005
4	2	Body gasket	230050
5	2	3" ball gasket	230040
6	1	Body	230001
7	1	Handle axle	230020
8	1	Interior axle gasket	230045
9	1	Axle body gasket	230047
10	1	Axle body	230021
11	1	Exterior axle gasket	230046
12	1	Separator spile	230022
13	1	Retaining spile	230023
14	1	Seeger ring	230024
15	1	Handle base	230025
16	1	Handle washer	230061
17	1	Handle screw	230060
18	1	Handle stem	230030
19	1	Handle knob	230035
20	1	Centering washer	230017
21	1	Ball centerer	230015
22	1	3" ball	230010
23	4	Flange stud	230055

NBR square flange gasket

Art: 930051N

3" Ball Valve Flange / Flange

Art. VB23BB

Art: KJVB23BR **Gasket kit**

Fig.	Qty.	Description	Art.
4	2	Body gasket	230050
5	2	3" ball gasket	230040
8	1	Interior axle gasket	230045
9	1	Axle body gasket	230047
11	1	Exterior axle gasket	230046

Art: 230030C **Axle kit**

Fig.	Qty.	Description	Art.
15	1	Handle base	230025
16	1	Handle washer	230061
17	1	Handle screw	230060
18	1	Handle stem	230030
19	1	Handle knob	230035

Art: 230020C **Axle kit**

Fig.	Qty.	Description	Art.
7	1	Handle axle	230020
8	1	Interior axle gasket	230045
9	1	Axle body gasket	230047
10	1	Axle body	230021
11	1	Exterior axle gasket	230046
12	1	Separator spile	230022
13	1	Retaining spile	230023
14	1	Seeger ring	230024

3" Ball Valve Flange / Thread Art. VB23BR

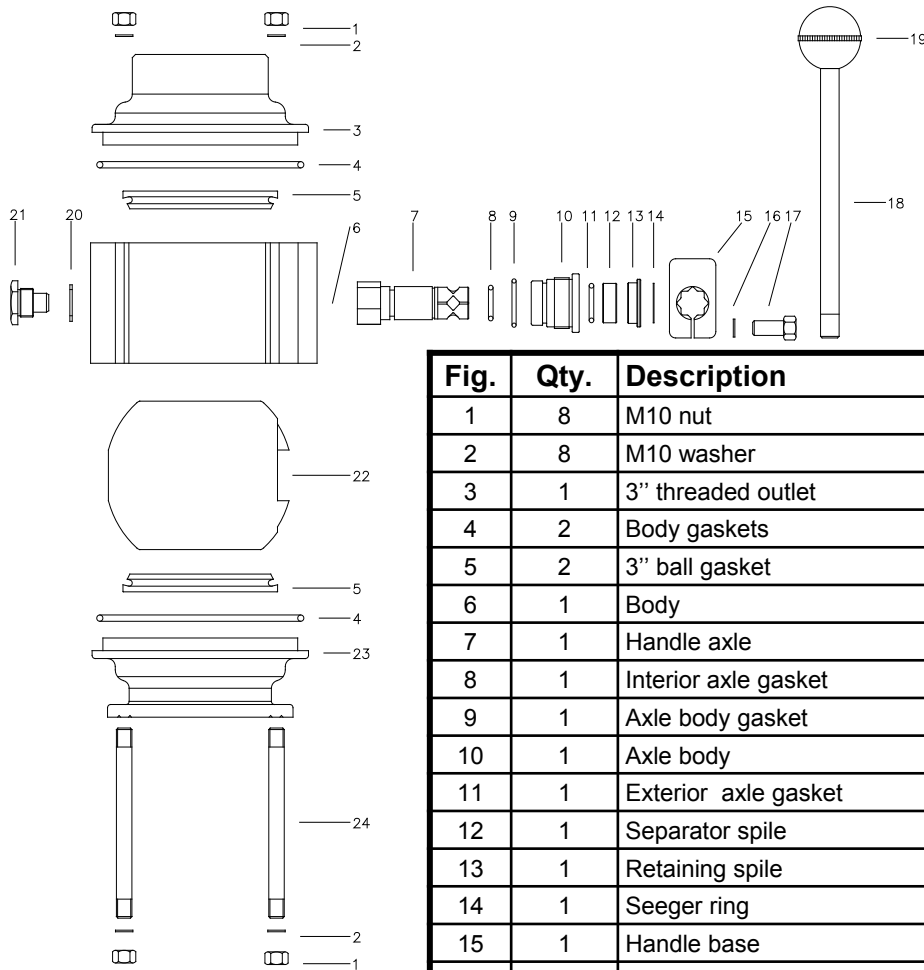


Fig.	Qty.	Description	Art.
1	8	M10 nut	230056
2	8	M10 washer	230057
3	1	3" threaded outlet	230008
4	2	Body gaskets	230050
5	2	3" ball gasket	230040
6	1	Body	230001
7	1	Handle axle	230020
8	1	Interior axle gasket	230045
9	1	Axle body gasket	230047
10	1	Axle body	230021
11	1	Exterior axle gasket	230046
12	1	Separator spile	230022
13	1	Retaining spile	230023
14	1	Seeger ring	230024
15	1	Handle base	230025
16	1	Handle washer	230061
17	1	Handle screw	230060
18	1	Handle stem	230030
19	1	Handle knob	230035
20	1	Centering washer	230017
21	1	Ball centerer	230015
22	1	3" ball	230010
23	1	3" flange	230005
24	4	Flange stud	230055

NBR square flange gasket

Art: 930051N

3" Ball Valve Flange / Thread

Art. VB23BR

Art: KJVB23BR **Gasket kit**

Fig.	Qty.	Descripción	Art.
4	2	Body gasket	230050
5	2	3" ball gasket	230040
8	1	Interior axle gasket	230045
9	1	Axle body gasket	230047
11	1	Exterior axle gasket	230046

Art: 230030C **Axle kit**

Fig.	Qty.	Description	Art.
15	1	Handle base	230025
16	1	Handle washer	230061
17	1	Handle screw	230060
18	1	Handle stem	230030
19	1	Handle knob	230035

Art: 230020C **Axle kit**

Fig.	Qty.	Description	Art.
7	1	Handle axle	230020
8	1	Interior axle gasket	230045
9	1	Axle body gasket	230047
10	1	Axle body	230021
11	1	Exterior axle gasket	230046
12	1	Separator splice	230022
13	1	Retaining splice	230023
14	1	Seeger ring	230024

Pneumatic Control System

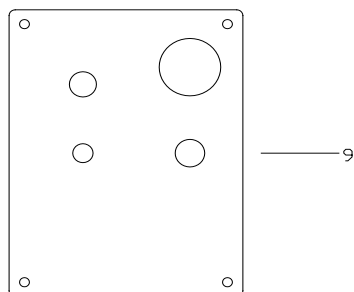
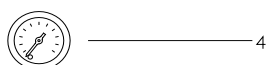
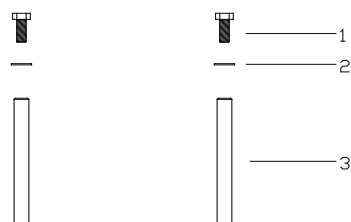


Fig.	Qty.	Description	Art.
1	4	Separator screw	VFC049
2	4	Toothed washer	VFC050
3	4	Panel sheet separator	VFC016
4	1	Gauge	VFC072
5	1	Pneumatic indicator	VFC073
6	1	Válve handle	VFC074
7	1	Stop push-button	VFC076
8	1	Fittings	VFC075C
9	1	Panel sheet	VFC038
10	1	1 comp. label	VFC021

Art: VFC016C Panel sheet kit

Fig.	Qty.	Description	Art.
1	4	Separator screw	VFC049
2	4	Toothed washer	VFC050
3	4	Panel sheet separator	VFC016

Pneumatic Control System

EXAMPLE VFC 1 0 S T M

PRODUCT FAMILY

VFC = Pneumatic control system

No. OF COMPARTMENTS

1 = 1 compartment

2 = 2 compartments

X = No. of compartments

EMERGENCY STOP

E = With emergency stop

0 = Without emergency stop

SEQUENTIAL

S = Sequential

0 = Non sequential

WAFER SYSTEM

T = With wafer system

0 = Without wafer system

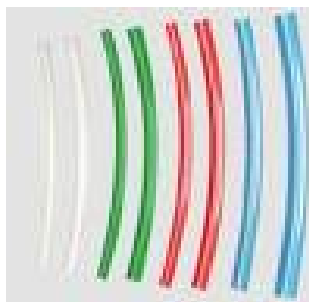
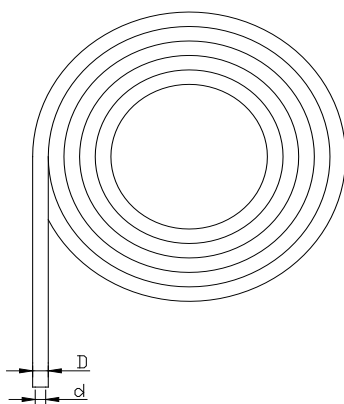
GAUGE

M = With gauge

0 = Without gauge

Air System Installation

Art. CTN6 / CTN7 / CTN8 / CTN9



These type of polyurethane pipes are suitable for pneumatic, robotic and industrial machinery piping, especially when great flexibility is required.

Characteristics:

Working pressure: 26 bar, -40°C / +70°C

Test pressure: 90 bar

Breaking radius: 30 mm.

Supplied in different colors for ease of installation.

Emergency Brake Button

Art. VFC327

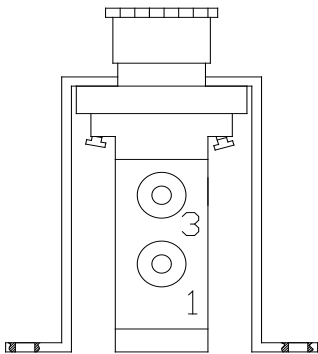
CHARACTERISTICS:

Emergency brake: closes the pneumatic system in case of emergency.

The system can be restarted, once the danger is over, from the pneumatic control panel.

Air connections for Ø6 mm pipes.

Can be fitted in different parts of the truck for ease of access



Maintenance Unit

Art. VFC035V2

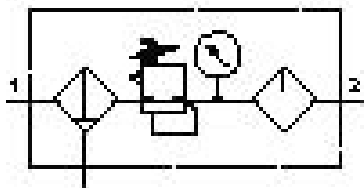
Regulator and lubricator filter in one unit.
High flow and efficiency in retention of dirt particles.
Good regulation characteristics with low hysteresis..
Lockable head to ensure the set values.
Rotary knob with integrated lock.
With semi-automatic condensation drain with pressure gauge.

Technical Data:

Pneumatic connection G ¼
Fixing type: With accessories / in-line mounting.
Pressure regulation range: 0,5...7 bar / 0,5...12 bar
Maximum condensation : 22 cm³

Materials:

Body: Die-cast zinc.
Mother board: Die-cast zinc / aluminium
Deposit: Polycarbonate.
Seals: Nitrile



Options:

Art. VFC0352V2 Fixing bracket
Art. VFC0355V2 Fixing nut

Product Indicator

Art: CGI4012



MATERIALS:

Body of treated light aluminium alloy.

Spring and components of stainless steel and treated steel.

Plastic knob.

Methacrylate sightglass.

GENERAL DIMENSIONS:

Total length 153 mm.

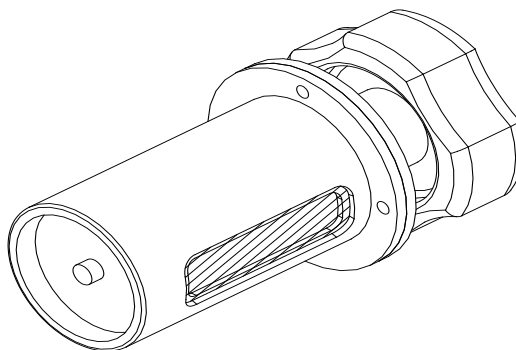
Maximum diameter 79 mm.

Minimum diameter 58 mm.

OPTIONS:

Customized labels.

8 or 10 positions (products).





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equiptank@equiptank.com

The specifications in this catalog are for reference only and may contain typographical errors.
The company reserves the right to alter product specifications without notice.