

TANKS



Q & A

Plastic or steel tanks?

Plastic tanks have various advantages: they do not rust, the oil level is visible and they do not damage easily if bumped or exposed to vibrations. On the other hand steel tanks are preferable in case of ultra high or ultra low temperatures.

Is it possible to use custom made tanks?

Yes. We can provide an adaptor flange (F80000001) which can be welded on a custom made tank. We can even design special tanks depending on application and quantities.

How do I order spare tanks?

Spare tanks can be ordered without accessories just by adding a J in front of the relevant code (e.g. JE60303015 instead of E60303015). When ordered with the normal code (e.g. E60303015) they include the relevant accessories such as: plugs, filler breather, oil level gauge,... depending on the kind of tank. Tanks specified in PPC speaking code (e.g. 5BV) include all relevant accessories.

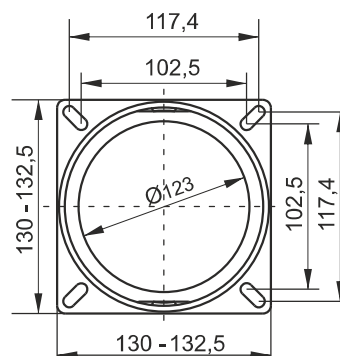
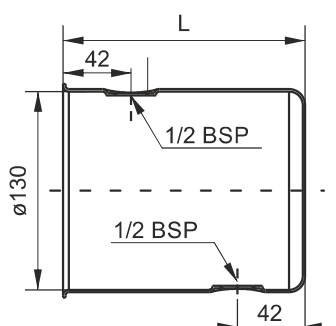
SECTION E



CYLINDRICAL STEEL TANKS A & B SERIES



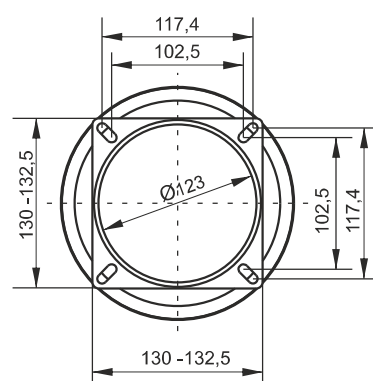
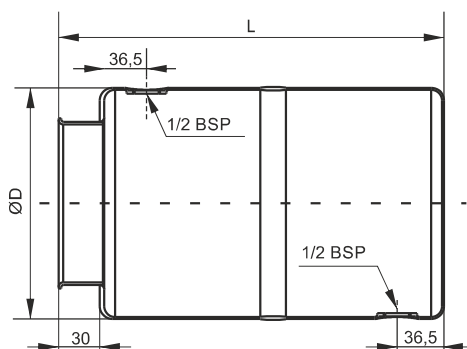
Recommended tightening torque for Filler Cap: 5 Nm



Description	Spare part code	Assembly code	L (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
1,5 l cylindrical horizontal / vertical mounting	E60303001	1,5A / 1,5AV	150	0,78 Kg	1,5	1,0
2,5 l cylindrical horizontal / vertical mounting	E60303004	2,5A / 2,5AV	235	1,04 Kg	2,5	2,0



Recommended tightening torque for Filler Cap: 5 Nm



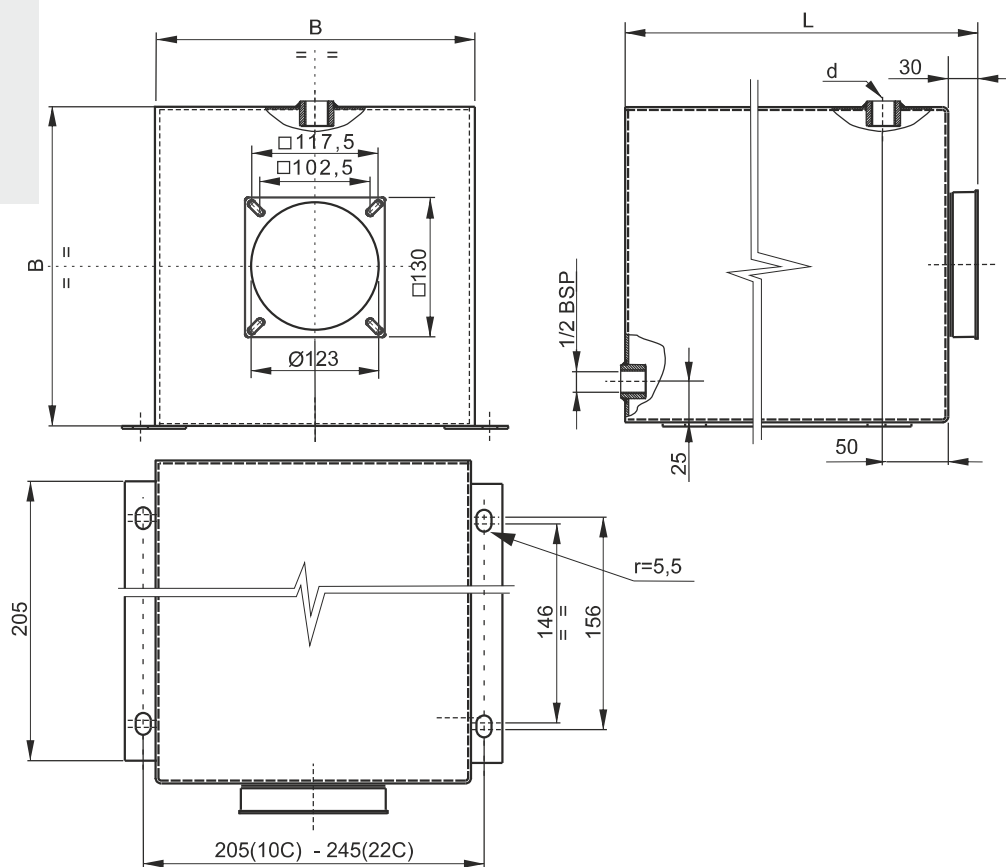
Description	Spare part code	Assembly code	L (mm)	ØD (mm)	Weight	Actual filling volume (lt)	
						Horiz.	Vert.
5 l cylindrical horizontal / vertical mounting	E60303006	5B / 5BV	300	180	1,82 Kg	6,3	5,1
10 l cylindrical horizontal / vertical mounting	E60303011	10B / 10BV	262	220	2,01 Kg	8,3	6,3
12 l cylindrical horizontal / vertical mounting	E60303012	12B / 12BV	380	220	2,47 Kg	12,5	10,9

All dimensions are in mm

Material	Fe P04-EN10130 steel sheet 1,5mm thickness
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction filter, filler/breather and drain plug are included when specifying the tank in PPC assembly code. When ordering spare parts, only the drain plug and filler/breather are included.

HORIZONTAL/VERTICAL SQUARE WELDED STEEL TANKS C SERIES



Description	Spare part code	Assembly code	L (mm)	B (mm)	ØD (mm)	Weight	Actual filling volume (lt)	
							Horiz.	Vertical
10 l square horiz. / vert. mounting	E60303042	10C / 10CV	330	185	1/2 BSP	5,50 Kg	9,6	8,1
22 l square horiz. / vert. mounting	E60303044	22C / 22CV	470	223	3/4 BSP	6,80 Kg	20,6	18,5

All dimensions are in mm

Material	Fe P04-EN10130 steel sheet 1,5mm thickness
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

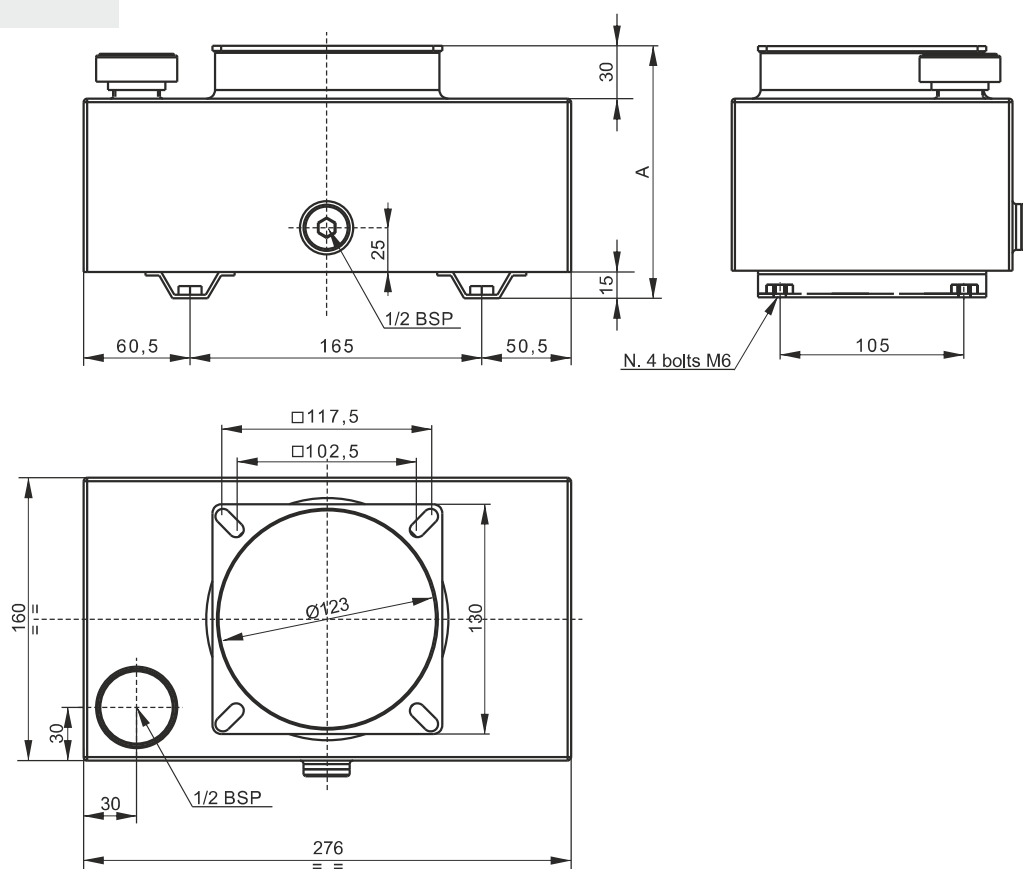
Notes: the piping kit, standard suction filter, filler/breather and drain plug are included when specifying the tank in PPC assembly code. When ordering spare parts, only the drain plug and filler/breather are included.

On request special square welded tanks can be manufactured. An inquiry must be sent to our technical department with indication of quantities.

SECTION E



SMALL SIZE SQUARE WELDED STEEL TANKS E SERIES



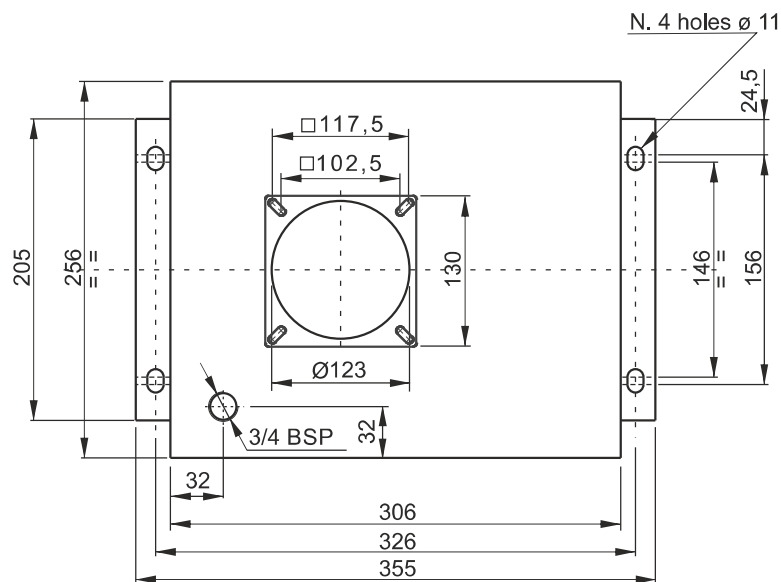
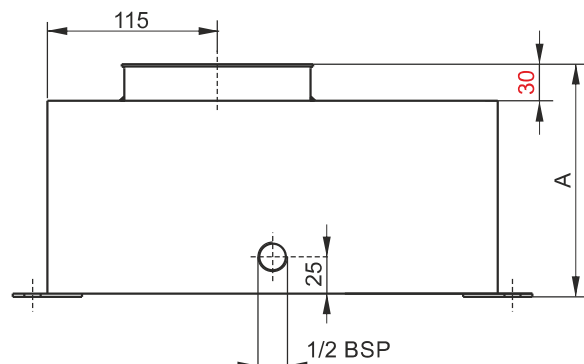
Description	Spare part code	Assembly code	A (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
3 l square vertical mounting	E60303053	3EV	128	3,09 Kg	-	4,2
7 l square vertical mounting	E60303057	7EV	220	4,32 Kg	-	8,3

All dimensions are in mm

Material	Fe P04-EN10130 steel sheet 1,5mm thickness
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction filter, filler/breather and drain plug are included when specifying the tank in PPC assembly code. When ordering spare parts, only the drain plug and filler/breather are included.

SMALL SIZE SQUARE WELDED STEEL TANKS E SERIES



Description	Spare part code	Assembly code	A (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
8 l square vertical mounting	E60303041	8EV	156	4,50 Kg	-	10,4
15 l square vertical mounting	E60303014	15EV	260	5,20 Kg	-	18,5

All dimensions are in mm

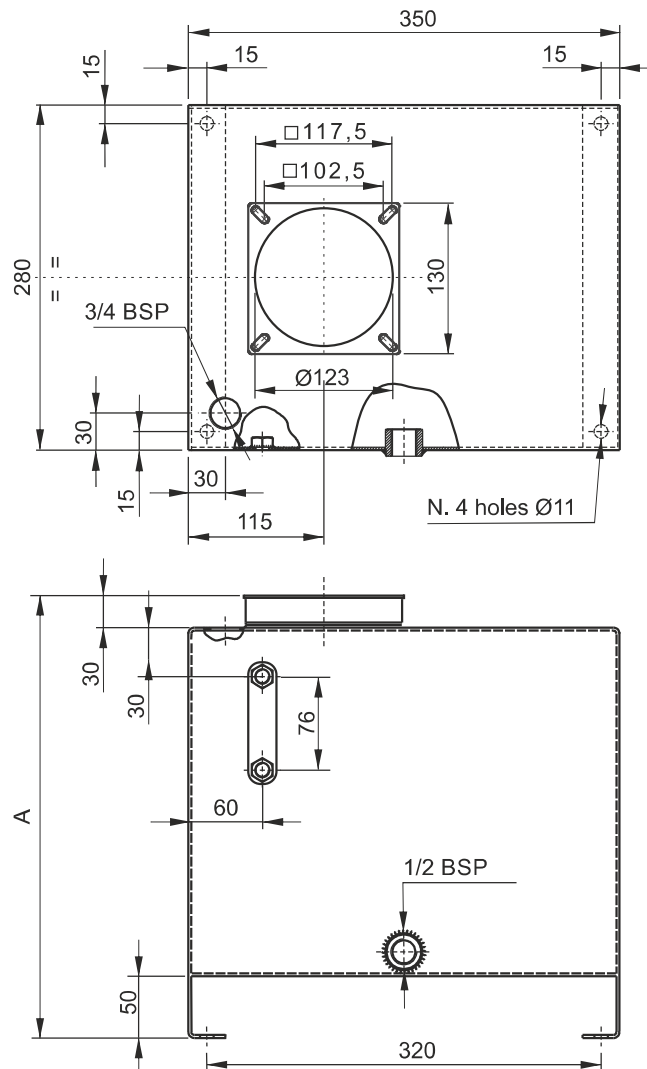
Material	Fe P04-EN10130 steel sheet 1,5mm thickness
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction filter, filler/breather and drain plug are included when specifying the tank in PPC assembly code. When ordering spare parts, only the drain plug and filler/breather are included.

SECTION E



SQUARE WELDED STEEL TANKS E SERIES



Description	Spare part code	Assembly code	A (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
20 l square vertical mounting	E60303015	20EV	293	6,50 Kg	-	20,8
30 l square vertical mounting	E60303048	30EV	423	8,50 Kg	-	33,5

All dimensions are in mm

Material	Fe P04-EN10130 steel sheet 2,5mm thickness on top and side, 1,5mm thickness front and rear
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction strainer, filler/breather, level gauge and drain plug are included when specifying the tank in PPC assembly code.

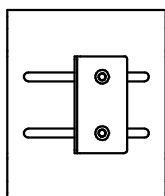
When ordering spare tanks, only the drain plug, filler/breather and level gauge are included.

On request special square welded tanks can be manufactured. An inquiry must be sent to our technical department with indication of quantities.

HEAVY DUTY SQUARE ALUMINIUM TANK



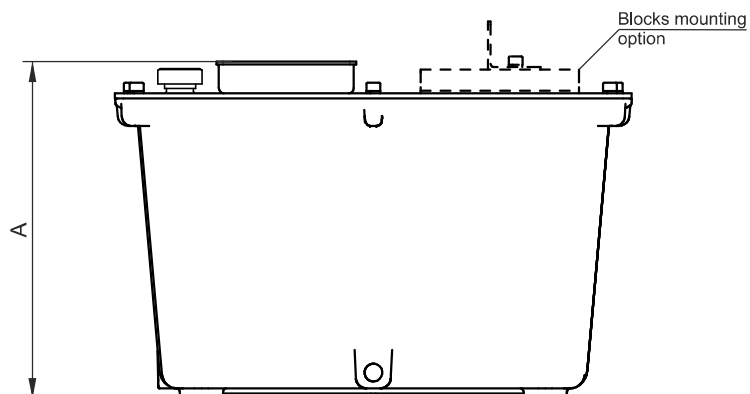
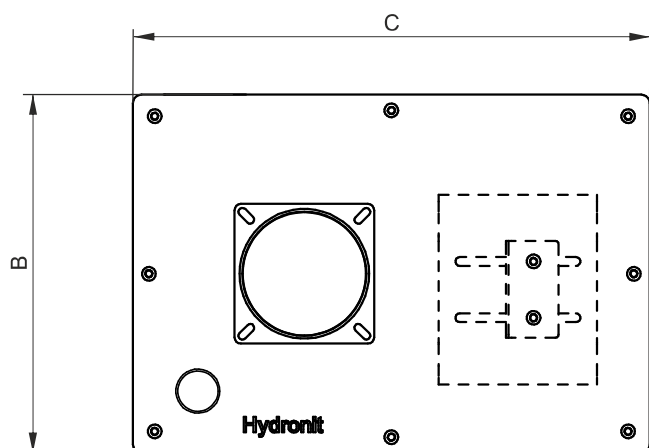
Blocks mounting option



Option code

ART003

All dimensions are in mm



Description	Spare part code	Assembly code	A [mm]	B [mm]	C [mm]	Weight [kg]	Actual filling volume [l]
10 l square aluminium vertical mounting tank	S602010HD	10HD	255	250	340	4	8,5
10 l square aluminium vertical tank with blocks mounting support ART003	S602010HDS	10HDS	255	250	340	4,5	8,5
25 l square aluminium vertical mounting tank	S602025HD	25HD	315	340	490	13	21
25 l square aluminium vertical tank with blocks mounting support ART003	S602025HDS	25HDS	315	340	490	13,5	21

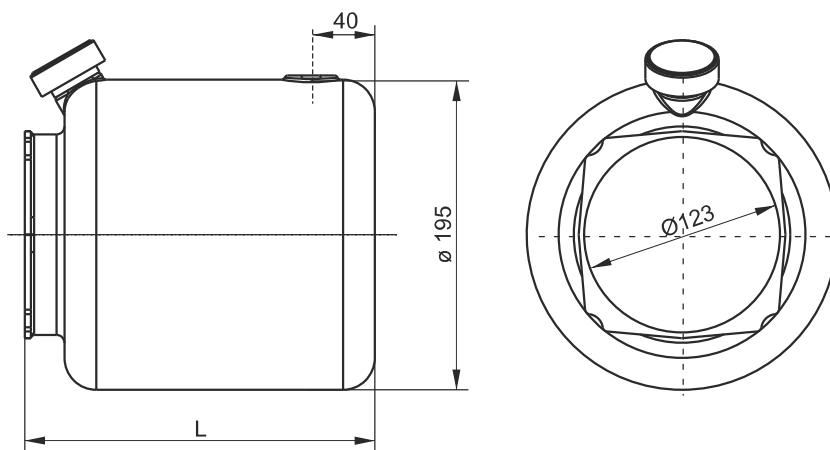
Material	Die cast aluminium, tank top lid 3 mm steel sheet
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction strainer, filler/breather and are included when specifying the tank in PPC assembly code. When ordering spare tanks, only the filler/breather are included.

SECTION E



CYLINDRICAL PLASTIC TANKS P SERIES



Description	Spare part code	Assembly code	L (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
5 l cylindrical horizontal / vertical mounting	H60303028	5P / 5PV	219	0,60 Kg	5,0	4,2
7 l cylindrical horizontal / vertical mounting	H60303030	7P / 7PV	271	0,61 Kg	6,0	5,5
9 l cylindrical horizontal / vertical mounting	H60303032	9P / 9PV	323	0,76 Kg	7,2	6,5
11 l cylindrical horizontal / vertical mounting	H60303035	11P / 11PV	453	1,06 Kg	9,0	10,5

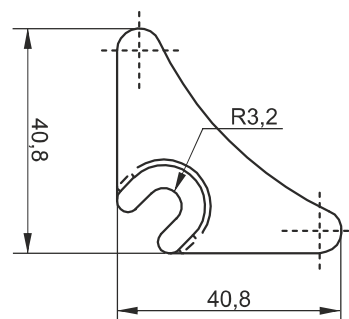
Material	PE-HD neutral / transparent colour (DO NOT EXPOSE TO DIRECT SUNLIGHT)
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Clamping brackets



Clamp code

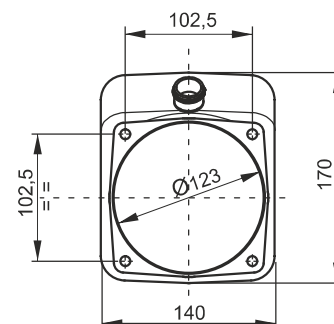
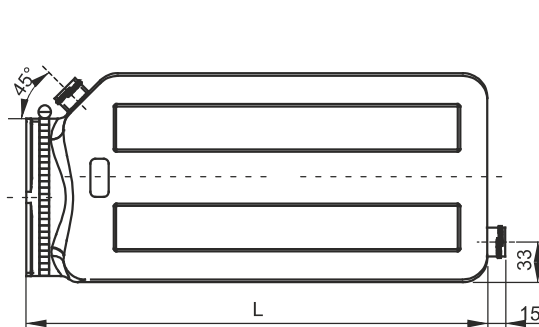
E60513022



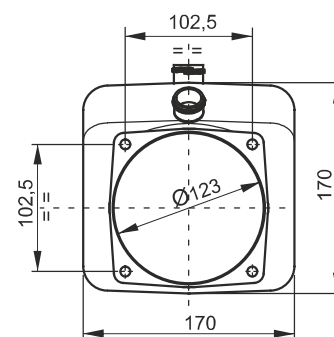
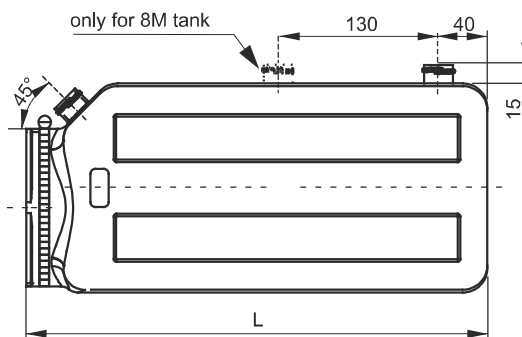
Notes: 4 x E60513022 mounting clamp brackets and a clamp band are required to fix P series cylindrical plastic tanks.

Notes: the piping kit, standard suction strainer and filler/breather are included when specifying the tank in PPC assembly code. When ordering spare tanks, only the filler/breather C86100001, E60513022 plate and clamp band are included. Discharge ports are normally moulded blind. On request these tanks are available with an offset collar. Ask for details.

SQUARE PLASTIC TANKS L & M SERIES



Description	Spare part code	Assembly code	L (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
1,5 l square horizontal / vertical mounting	H60303016	1,5L / 1,5LV	135	0,32 Kg	2,4	1,5
3 l square horizontal / vertical mounting	H60303018	3L / 3LV	250	0,42 Kg	4,4	4,2
6 l square horizontal / vertical mounting	H60303020	6L / 6LV	350	0,63 Kg	6,2	6,6



Description	Spare part code	Assembly code	L (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
5 l square horizontal / vertical mounting	H60303025	5M / 5MV	270	0,60 Kg	5,8	5,7
8 l square horizontal / vertical mounting	H60303033	8M / 8MV	375	0,76 Kg	8,1	8,8

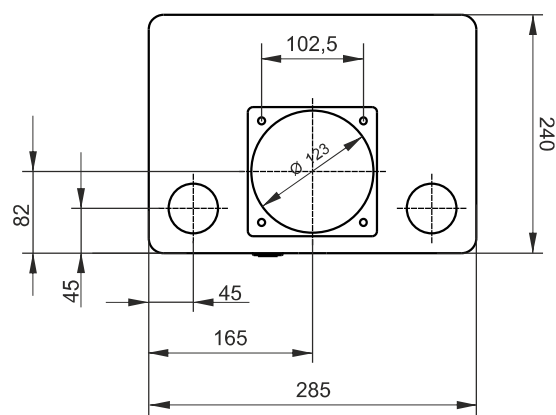
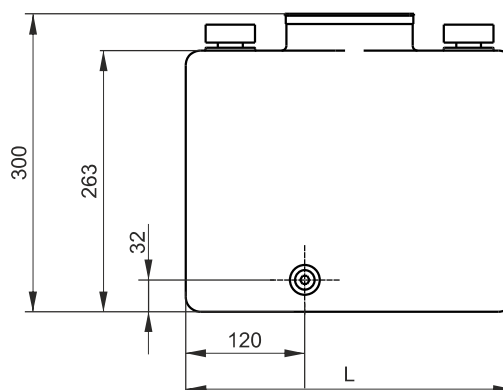
Material	PE-HD neutral / transparent colour (DO NOT EXPOSE TO DIRECT SUNLIGHT)
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction strainer and filler/breather are included when specifying the tank in PPC assembly code. When ordering spare tanks, only the filler/breather C86100003 and clamp band are included. Discharge ports are normally moulded blind.

SECTION E



SQUARE PLASTIC TANKS N SERIES



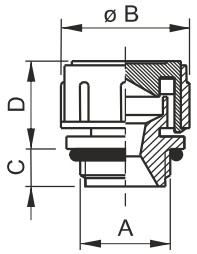
Description	Spare part code	Assembly code	L (mm)	Weight	Actual filling volume (lt)	
					Horizontal	Vertical
15 l plastic square vertical mounting	E20201800	15NV	330	1,53 Kg	-	16,8

Material	PE-HD neutral / transparent colour (DO NOT EXPOSE TO DIRECT SUNLIGHT)
Fluid	Mineral based oil ISO/DIN 6743/4
Working temperature	-15 / +70°C

Notes: the piping kit, standard suction strainer and filler/breather are included when specifying the tank in PPC assembly code. When ordering spare tanks, only the filler/breather and drain plug are included. Enquire for more details.

TANKS PLUGS

Filler breather
1/2" - 3/4" BSP



	1/2"	3/4"
A	1/2"	3/4"
B	30	47
C	10	17
D	21	17

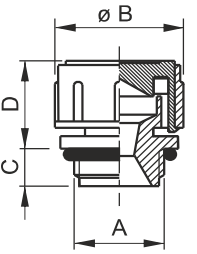
Weight: 0,02 Kg

Suitable for B/BV type tanks (1/2" BSP)
Suitable for EV type tanks (3/4" BSP)

Spare part code

C86100001 (1/2 BSP)
C86100002 (3/4 BSP)

Filler breather with check valve
1/2" BSP



	1/2"
A	1/2"
B	30
C	10
D	21

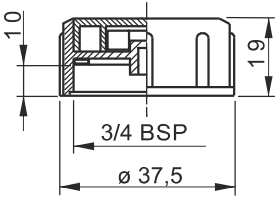
Weight: 0,02 Kg

Suitable for B/BV type tanks (1/2" BSP)

Spare part code

C86100001CV

Filler breather
3/4" BSP female



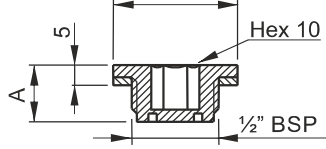
Suitable for all series plastic tanks

Weight: 0,01 Kg

Spare part code

C86100003

Drain plug
Ø 30



	A
TCNB0800	15
TB050801	19

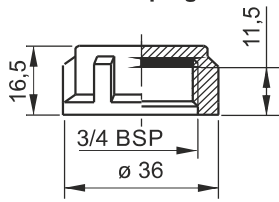
Weight: 0,01 Kg
Weight: 0,04 Kg

Suitable for all steel tanks

Spare part code

TCNB0800 (plastic)
TB050801 (steel)

3/4" BSP female
drain plug



Suitable for all series plastic tanks

Weight: 0,01 Kg

Spare part code

E60513005

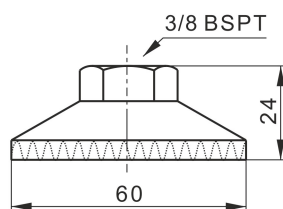
SECTION E



TANK ACCESSORIES

Standard inlet strainer filter

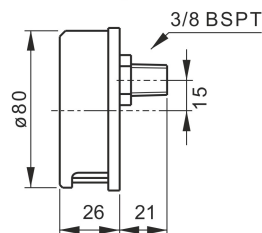
Filtration degree: 90 micron



Weight: 0,01 Kg

Spare part code**C34100005****Inlet eccentric filter**

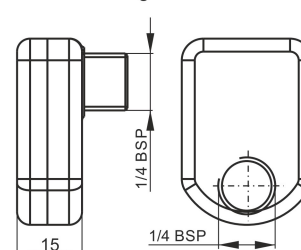
Filtration degree: 90 micron

Recommended for 1,5 l tanks
horizontal mounting

Weight: 0,13 Kg

Spare part code**C34100001****Micro inlet filter**

Filtration degree: 90 micron

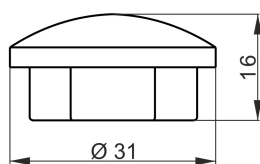


Recommended for pumps gr. 0

Weight: 0,01 Kg

Spare part code**C34100100****Micro inlet strainer filter**

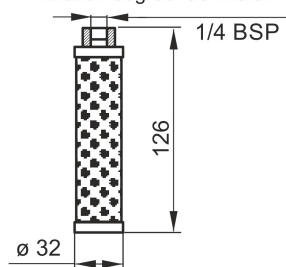
Filtration degree: 90 micron



Weight: 0,02 Kg

Spare part code**C34100006****In-tank return filter**

Filtration degree: 90 micron

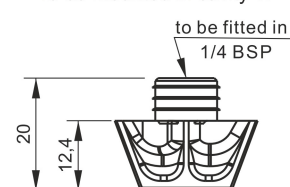


Suitable for all tanks over 3l

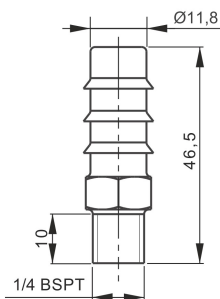
Weight: 0,09 Kg

Spare part code**C34200001****Relief valve diffuser**

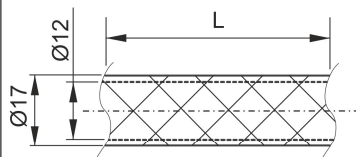
To be mounted in cavity Tr

It reduces foam and noise when
relief valve is working
Recommended for all vertical
mounted tanks.

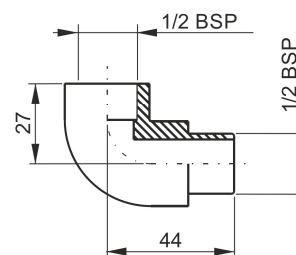
Weight: 0,01 Kg

Spare part code**SFEP01D****Flexible plastic pipe holder
for return line 1/4" BSPT**

Weight: 0,01 Kg

Spare part code**TR0112****Flexible plastic pipe**Recommended as standard return pipe.
To be fixed with TR01-12 and cut to
correct length. To be ordered in meters.

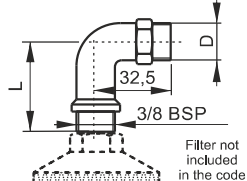
Weight: 0,18 Kg/meter

Spare part code**SF12****90° adapter for vertical tanks**

Weight: 0,02 Kg

Spare part code**E60513004**

TANK ACCESSORIES

**90° elbow for suction pipe
M 1/4" & 3/8" BSPT - M 3/8" BSP**


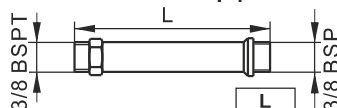
	L	D
PP01E40	40	1/4 BSPT
PP01E77	77	1/4 BSPT
PP02E40	40	3/8 BSPT
PP02E77	77	3/8 BSPT

Recommended for horizontal tanks

Weight: 0,01 Kg

Spare part code

PP0*E**

3/8" suction pipe


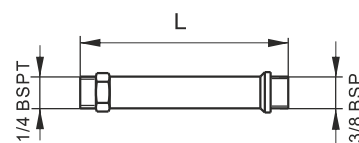
	L
PP0242	42
PP0268	68
PP02105	105
PP02125	125
PP02142	142
PP02165	165
PP02180	180
PP02190	190
PP02237	237
PP02320	320
PP02370	370

To fit inlet strainers C34100005 to Gr.1 pumps

Weight: 0,02 Kg

Spare part code

PP02**

1/4" - 3/8" suction pipe


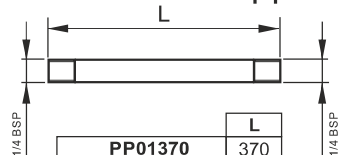
	L
PP0130	30
PP0180	80
PP01120	120

To fit inlet strainers C34100005 to Gr.0 pumps

Weight: 0,01 Kg

Spare part code

PP01**

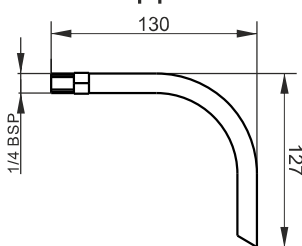
1/4" suction/return pipe


Recommended as suction pipe for PMC02 hand pumps and as return pipe with C3420001 return filter.

Weight: 0,04 Kg

Spare part code

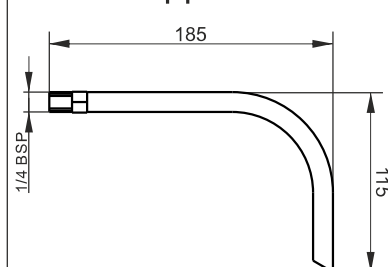
PP01370

90° Plastic pipe for return line


Weight: 0,02 Kg

Spare part code

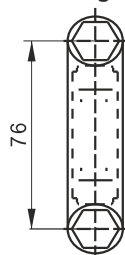
PP01E130127

90° Plastic pipe for return line


Weight: 0,02 Kg

Spare part code

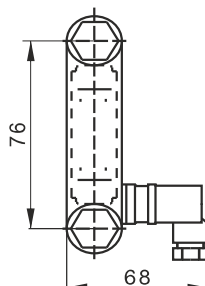
PP01E185115

Level gauge


Fixing holes Ø 10,5 mm Weight: 0,10 Kg

Spare part code

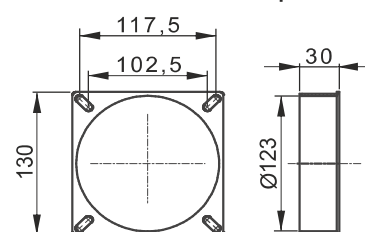
SLV76

Electric thermostatic level gauge


Fixing holes Ø 10,5 mm Weight: 0,16 Kg

Spare part code

GTL76TE

Bare steel tank adapter


Unpainted, to be welded on custom made tanks

Weight: 0,18 Kg

Spare part code

F80000001