



COMPONENT CATALOG

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Hyva hydraulic oil tanks

Hyva offers a complete range of oil tanks manufactured from the highest quality materials – steel and aluminum. We offer several mounting possibilities - behind the cabin, on the side of vehicle, in the cylinder cradle and others. This allows to compose a variety of hydraulic systems to match all truck and application types. Hyva oil tanks are of highest quality in terms of design and production standards confirmed in several lab and field tests. The design ensures optimized shape, volumes and weight to follow the latest trends on modern vehicles. The outer parts are secured by highest quality painting methods to withstand the most demanding weather and operation conditions.

Our tanks are prepared to be equipped with a Hyva 10 micron air breather filter integrated in the filler cap. All our tanks feature oil level indicator, either one or more to optimize the oil volume needed per given application. We strongly believe that quality oil filtration can assure long lasting and problem free operation of the system, for this reason our tanks are compatible with Hyva return line filters.

Hyva tanks are standard equipped with a 1½" BSPOT or 1½" BSPIT suction connection, tipping valve can be mounted on a side mounting plate or directly on the return filter plate.

To complete our tank offer, Hyva offers several additional related components and spare parts like straps, nuts, tank supports, rubbers, vibration dampers, suction hoses, high pressure hoses, bolts, filler caps, adapters, ball valves and hose pillars.

The most popular oil tanks in the Hyva range are cradle mounted (CM), side mounted (SM) and rear mounted (RM) oil tanks.

Additionally we offer several special options characteristic for given applications and markets.

Cradle mounted tanks (CM)

The CM tanks are available mainly in steel version and designed for mounting in the cylinder cradle area on tipper trucks. The standard range has working volume of up to 110L, suction port located at the bottom, they are compatible with Hyva air and return oil filters.

Side mounted tanks (SM)

The SM range is available in steel and aluminum with a working volume for the smallest tank of 35L and 94L up to 200L working volume for the bigger SM tanks.

These tanks are designed with single and double support, single and double mounting plate for tipping valve and suction ports located in the rear.

All tanks are compatible with air and return oil filters and are mainly used for tractor applications on the side of the truck frame.

Rear mounted tanks (RM)

The RM tanks are available in steel and aluminum, the main application is for tractor units where there is not enough space for side mounted tanks. The standard RM tanks are available with working volume up to 197L and can be mounted with standard tank supports or with use of QIK mounting kits to reduce the installation time. As other tanks, also compatible with Hyva air and return oil filters.

In this overview you can find everything about the oil tanks: the coding, the kits and the parts.

Code system oil tanks

Oil tank	SM	202L	153L	AL	MP	RF/MR	
Oil tank							Oil tank
	SM						Mounting position
		202L					Gross volume
			153L				Working volume
				AL			Aluminum tank
					MP		Mounting plate for tipping valve
						RF/MR	With return filter / mounting plate-return filter

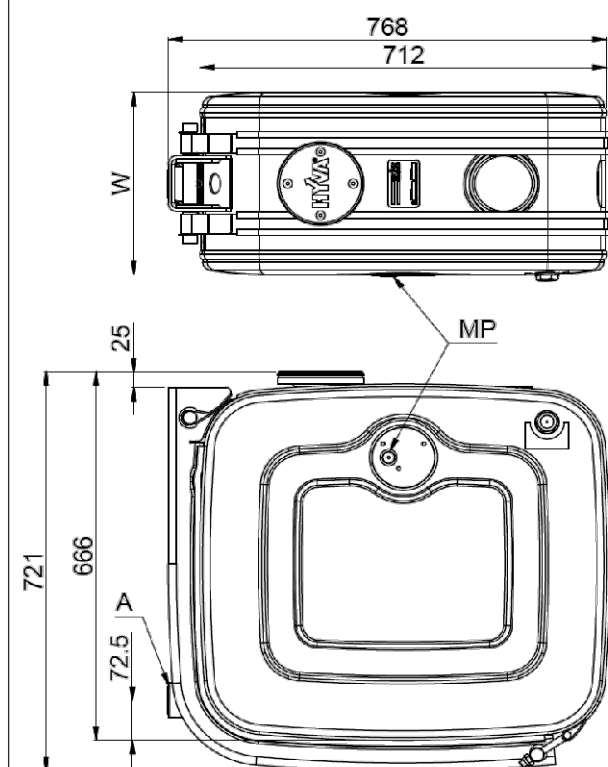
The description of the oil tank is corresponding with the way to choose the correct oil tank. At first the type of tank is chosen, then the gross and working volume. The working volume of the tank must be larger than the gross volume of the cylinder. The material of the tank is the next step. The last two codes explain whether the tank has a valve mounting plate and/or a tank return filter.

SIDE MOUNTED OIL TANKS (STEEL)

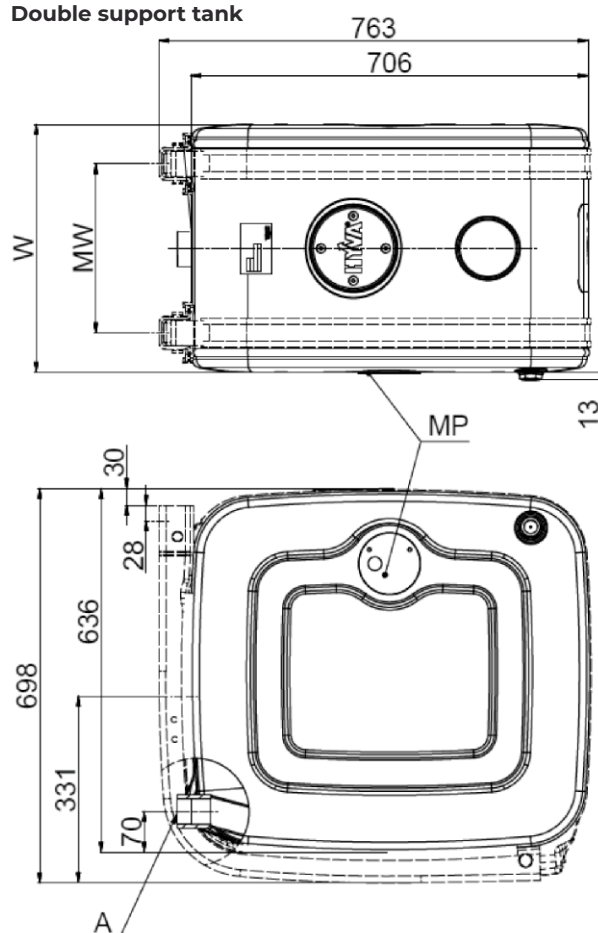
SIDE MOUNTED ALPHA STEEL TANK - SINGLE/DOUBLE SUPPORT + SINGLE MOUNTING PLATE (MP)

Part no.	Description	Working Volume (L)	Support configuration	Weight oil tank (Kg)	Width "W" (mm)	Mounting Width "MW" (mm)	Suction port "A"	Support kit
14017292	OIL TANK SM-132L/110L-MP-NARROW	110	SINGLE	30	330	-	1½"	INCLUDED
14017254	OIL TANK SM-155L/130L-MP-MR	130	DOUBLE	32	380	195-225		14020166/67
14017258	OIL TANK SM-179L/150L-MP-MR	150	DOUBLE	34	440	200-275		14020166/67
14017262	OIL TANK SM-201L/170L-MP-MR	170	DOUBLE	36	495	220-330		14020166/67
14017266	OIL TANK SM-236L/200L-MP-MR	200	DOUBLE	39	580	250-415		14020166/67

Single support tank



Double support tank



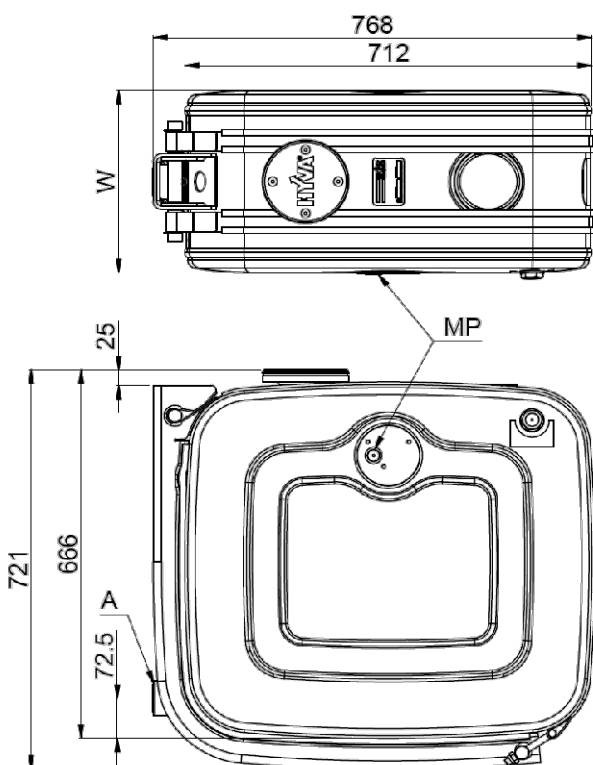
SIDE MOUNTED OIL TANKS (ALU)

SIDE MOUNTED ALPHA ALUMINIUM TANK - SINGLE SUPPORT + SINGLE MOUNTING PLATE (MP)

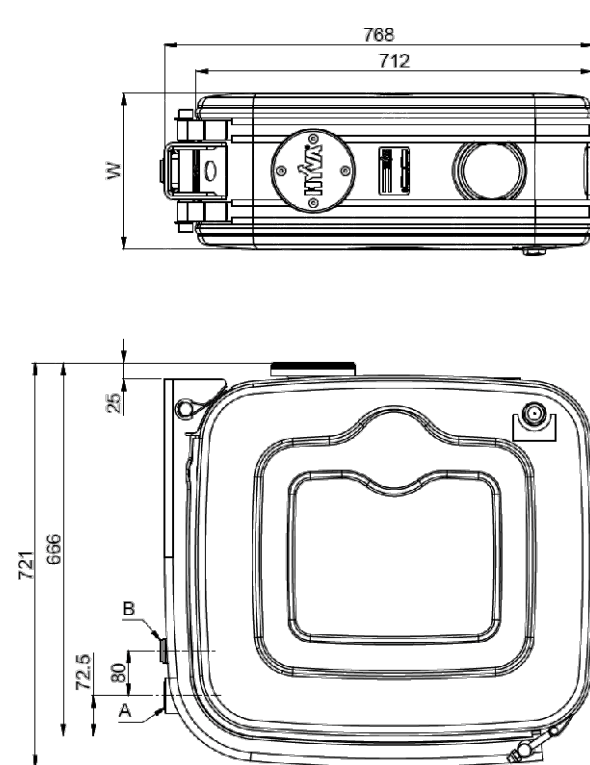
Part no.	Description	Working Volume (L)	Support configuration	Weight oil tank (Kg)	Width "W" (mm)	Mounting Width "MW" (mm)	Suction Port "A"	Return Port "B"	Support kit
14018292	OIL TANK SM-132L/112L-AL-MP-SGL SPRT KIT	112	SINGLE	14.7	330	-	1½"	-	INCLUDED
14018294**	OIL TANK SM-110L/94L-AL-SGL SPRT KIT	94	SINGLE	13.5	280	-		1"	INCLUDED

** Oil tank 14018294 does not have a mounting plate

14018292 / Single support tank

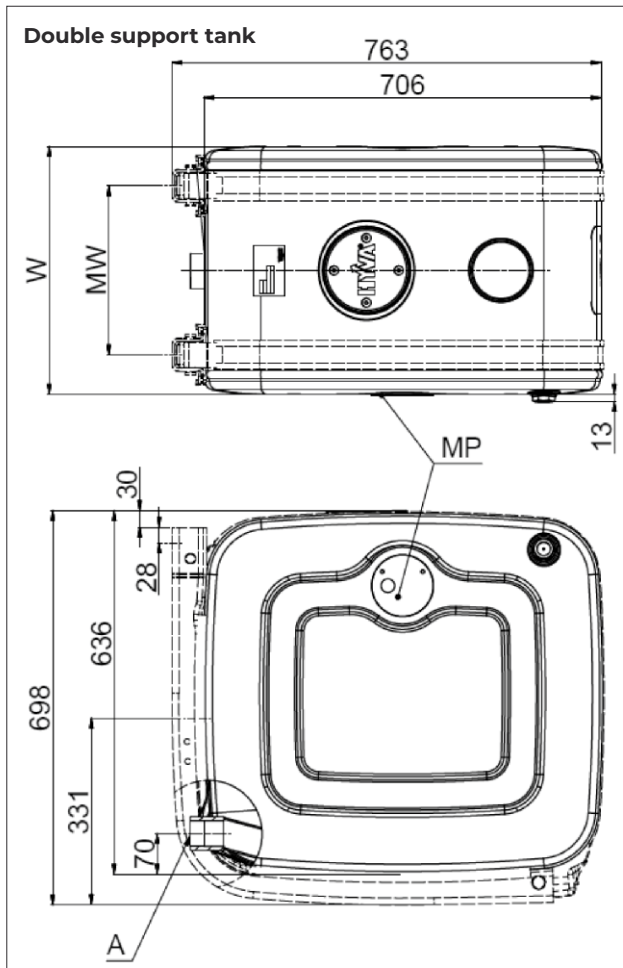


14018294 / Single support tank



SIDE MOUNTED ALPHA ALUMINIUM TANK - DOUBLE SUPPORT + SINGLE MOUNTING PLATE (MP)

Part no.	Description	Working Volume (L)	Support configuration	Weight oil tank (Kg)	Width "W" (mm)	Mounting Width "MW" (mm)	Suction port "A"	Support kit
14018270	OIL TANK SM-155L/130L-MP-MR	130	DOUBLE	15	380	195-225	1½"	14020160/61
14018272	OIL TANK SM-179L/150L-MP-MR	150	DOUBLE	16	440	200-275		14020160/61
14018274	OIL TANK SM-201L/170L-MP-MR	170	DOUBLE	17	495	220-330		14020160/61
14018276	OIL TANK SM-236L/200L-MP-MR	200	DOUBLE	18	580	250-415		14020160/61

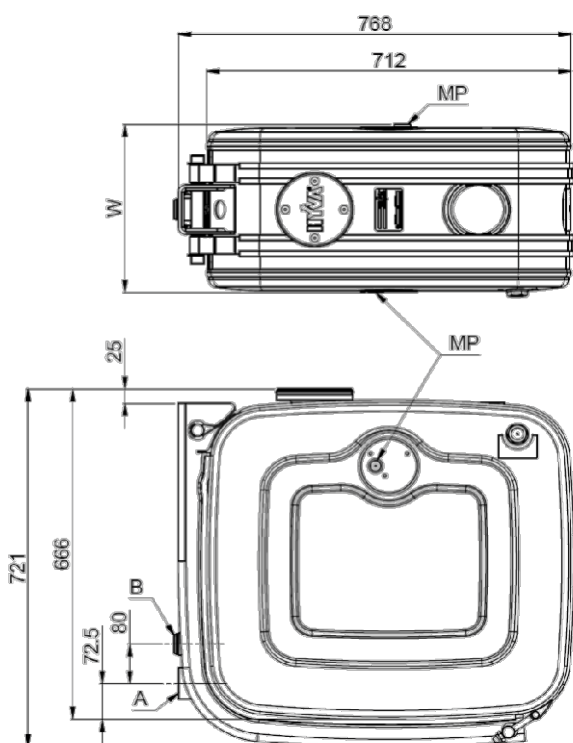


SIDE MOUNTED OIL TANKS

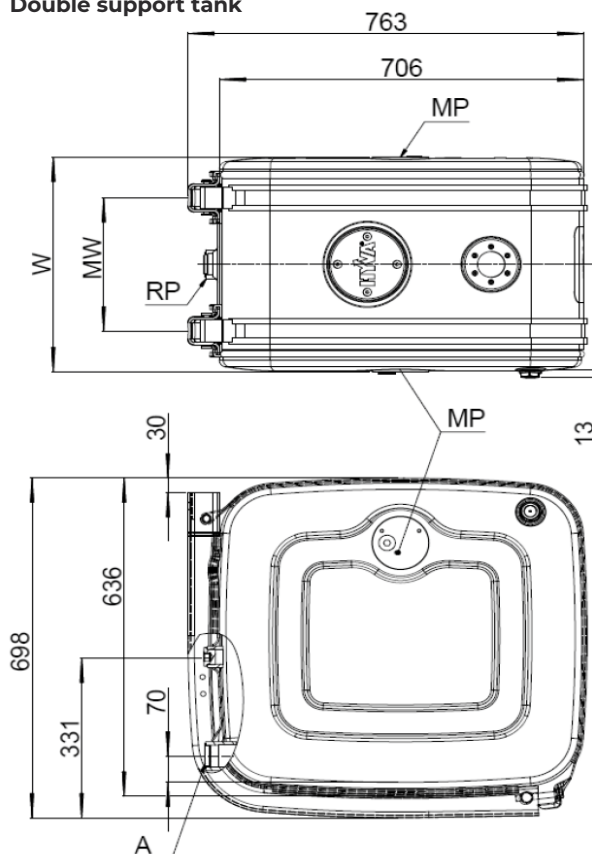
SIDE MOUNTED ALPHA ALU TANK - SINGLE/DOUBLE SUPPORT + DOUBLE MOUNTING PLATE (MP2)

Part no.	Description	Working Volume (L)	Support configuration	Weight oil tank (Kg)	Width "W" (mm)	Mounting Width "MW" (mm)	Suction Port "A"	Return Port "B"	Support kit
14018293	OIL TANK SM-132L/112L-AL-MP2-SGL SPRT KIT	112	SINGLE	16.5	340	-	1½"	1"	INCLUDED
14018271	OIL TANK SM-155L/130L-AL-MP2-MR	130	DOUBLE	15	380	195-225		-	14020160/61
14018273	OIL TANK SM-179L/150L-AL-MP2-MR	150	DOUBLE	16	440	200-275		-	14020160/61
14018275	OIL TANK SM-201L/170L-AL-MP2-MR	170	DOUBLE	17	495	220-330		-	14020160/61
14018277	OIL TANK SM-236L/200L-AL-MP2-MR	200	DOUBLE	18	580	250-415		-	14020160/61

Single support tank

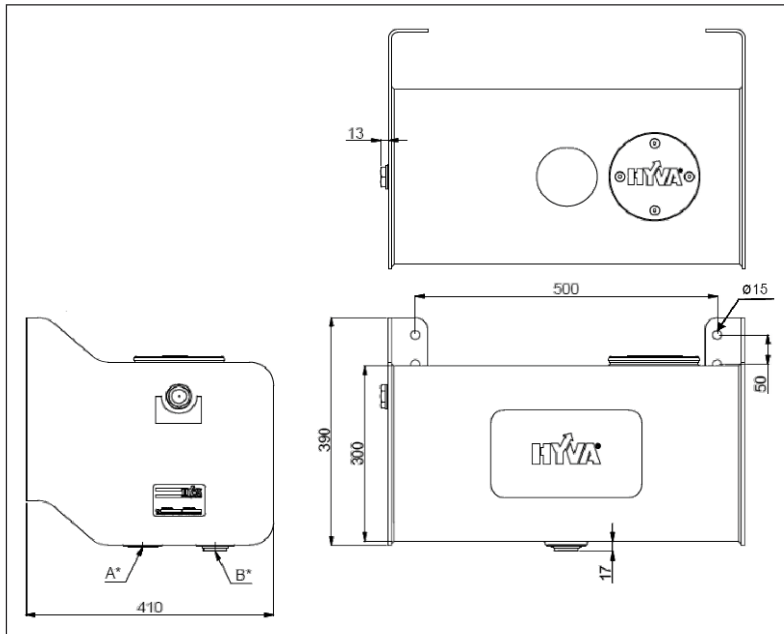


Double support tank



SMALL SIDE MOUNTED STEEL OIL TANK

Part no.	Description	Working volume (L)	Weight (kg)	Suction port "A"	Additional Return port "B"
14022115	OIL TANK SM-50L/35L-MF	35	26.7	1½"	1"



TANK RETURN FILTER PLATE

Part no.	Description	Weight (kg)
14895930	TANK RETURN FILTER PLATE NO PIPE SC IL 247	1.9



ADAPTOR KIT 90 DEGREES FOR PLATE FILTER

Part no.	Description	Weight (kg)
01317987	ADAPTOR KIT 90 FOR RETURN FILTER 1" BSPOTC	0.1



SINGLE SUPPORT MOUNTING KIT

Pos.	Part no.	Description	Weight (kg)
1 & 2	14020314	SUPPORT WITH THREE HOLES INCL. RUBBER	11.7
2	14020315	RUBBER FOR SUPPORT	0.4
3 & 4	14020313	STRAP WITH RUBBER	1.2
3	14020426	RUBBER FOR STRAP	0.2
5	08102116	AIR BREATHER	0.4

Mounting kit contains fastening components like bolts, pins & washers.

Note:

This support kit is suitable for the following single support side mounted oil tanks shown on page 6, 7 & 9.

Page 6

14017 292

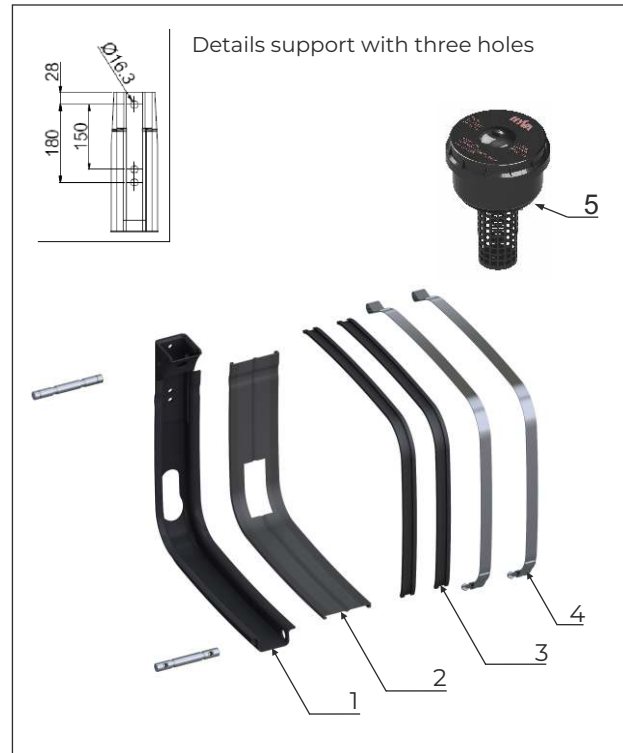
Page 7

14018 292

14018 294

Page 9

14018 293



DOUBLE SUPPORT MOUNTING KIT

Pos.	Part no.	Description	Weight (kg)
	14020160	SUPPORT KIT COMPLETE ONE HOLE	
	14020161	SUPPORT KIT COMPLETE THREE HOLES	
1 & 2	14020320	SUPPORT WITH ONE HOLE INCL. RUBBER	8.7
1 & 2	14020321	SUPPORT WITH THREE HOLES INCL. RUBBER	8.7
2	14020435	RUBBER FOR SUPPORT	0.4
3 & 4	14020308	STRAP WITH RUBBER	1.4
3	14020425	RUBBER FOR STRAP	0.2
5	08102116	AIR BREATHER	0.4

Mounting kit contains fastening components like bolts, pins & washers.

Note:

These support kits are suitable for the following double support side mounted oil tanks shown on page 8 & 9.

Page 8

14018270

14018272

14018274

14018276

Page 9

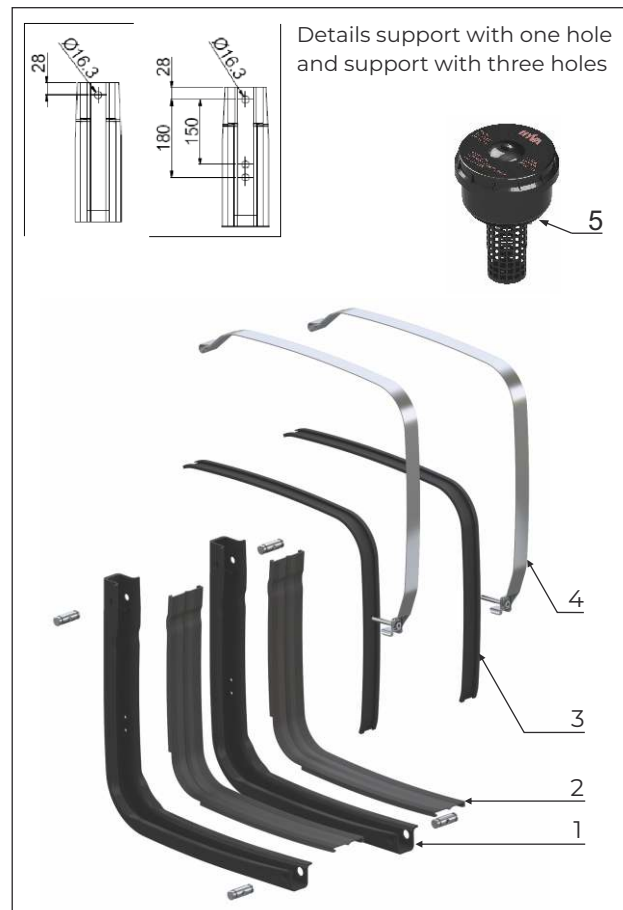
14018293

14018271

14018273

14018275

14018277



DOUBLE SUPPORT MOUNTING KIT

Pos.	Part no.	Description	Weight (Kg)
	14020166	SUPPORT KIT COMPLETE ONE HOLE	
	14020167	SUPPORT KIT COMPLETE THREE HOLES	
1 & 2	14020310	SUPPORT WITH ONE HOLE INCL. RUBBER	8.7
1 & 2	14020311	SUPPORT WITH THREE HOLES INCL. RUBBER	8.7
2	14020436	RUBBER FOR SUPPORT	0.4
3 & 4	14020309	STRAP WITH RUBBER	1.4
3	14020428	RUBBER FOR STRAP	0.2
5	08102116	AIR BREATHER	0.4

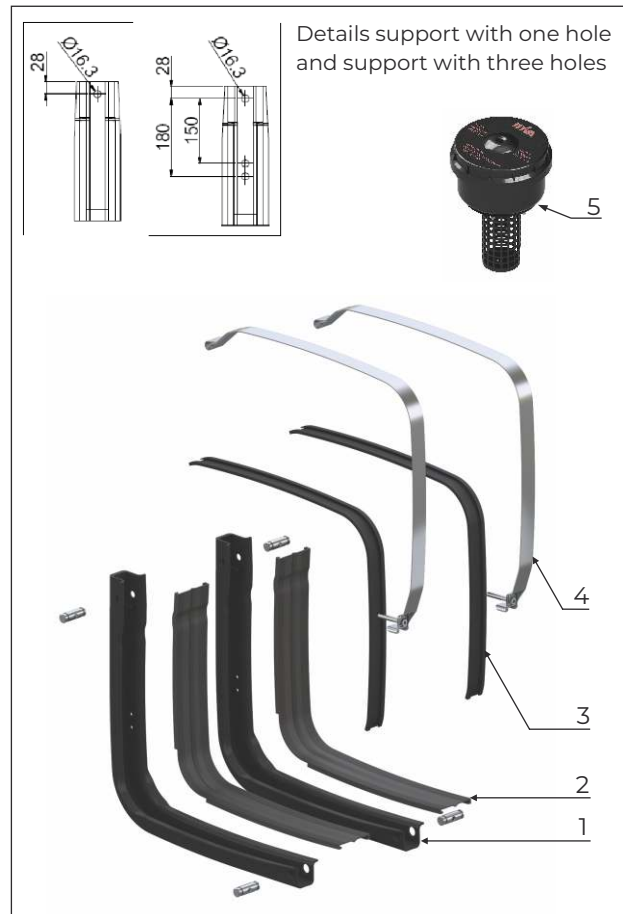
Mounting kit contains fastening components like bolts, pins & washers.

Note:

These support kits are suitable for the following double support side mounted oil tanks shown on page 6.

Page 6

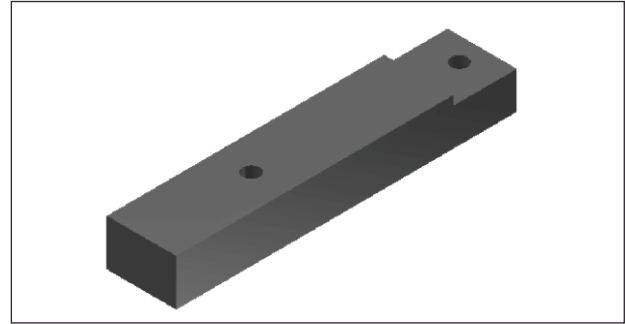
14017254
14017258
14017262
14017266



SPACER

Part no.	Description	Weight (kg)
01040002	SPACER 295X60X40 FOR MAN	0.8
01040003	SPACER 295X60X27 FOR MAN	0.5
01040004	SPACER 160X60X8 FOR RENAULT	0.1
01040005	SPACER 230X60X20/16 FOR MERCEDES	0.3
01040006	SPACER 230X60X6/2 FOR MERCEDES	0.1
01040007	SPACER FLAT 67MM IVECO	0.7

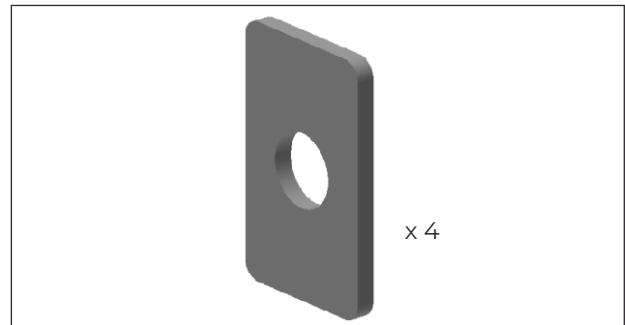
Light weight spacers for mounting SM tanks on an S-Shaped narrowed chassis.



WASHER KIT

Part no.	Description	Weight (kg)
14020125	WASHER KIT FOR M16 BOLT	0.2

If support is connected to the chassis by M16 bolts instead of M14 bolts, Hyva advises to use the washer kit.



STRENGTHENING RING

Part no.	Description	Weight (kg)
14020509	STRENGTHENING RING SM TANK RF KIT	0.2



SPY EYE

Part no.	Description
08102121	1" LEVEL SPY EYE WITH GASKET



SPY EYE BLIND PLUG + FLAT SEAL GASKET

Part no.	Description
08102145	1" SPY EYE BLIND PLUG WITHOUT GASKET
08102148	FLAT SEAL GASKET 1" FOR 08102145 SPY EYE



08102145

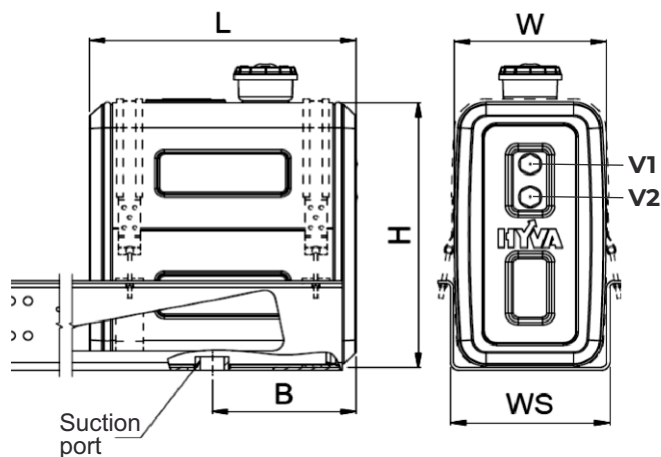


08102148

CRADLE MOUNTED TANKS

Part no.	Description	Working volume			Weight (Kg)	Width (mm)	Mounting width (mm)	H (mm)	L (mm)	B (mm)	W (mm)	WS (mm)	Suction port
		V1	V2	V3									
14016500	OIL TANK CM-066L/047L-039L-MF	47	39	-	18	280	368	525	500	270	280	368	1½"
14016505	OIL TANK CM-083L/059L-048L-MF	59	48	-	22	280	368	525	620	270	280	368	
14016520	OIL TANK CM-108L/086L-078L-069L-MF	86	78	69	27	280	368	700	620	270	280	368	

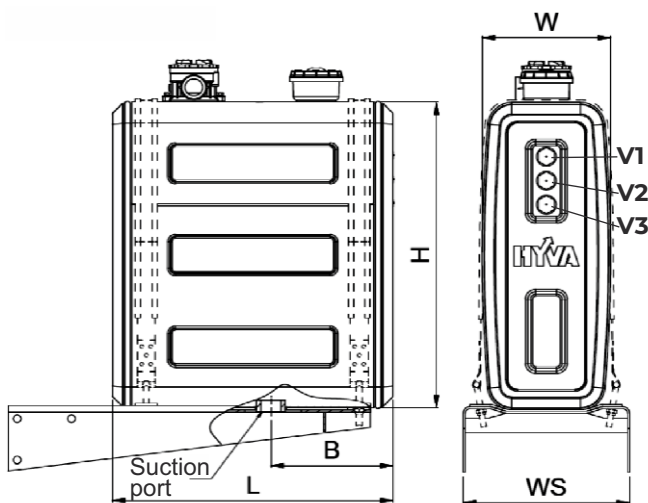
14016500 + 14016505 (TANK IN CRADLE)



14016505



14016520 (TANK + SUPPORT ON CRADLE)



14016520

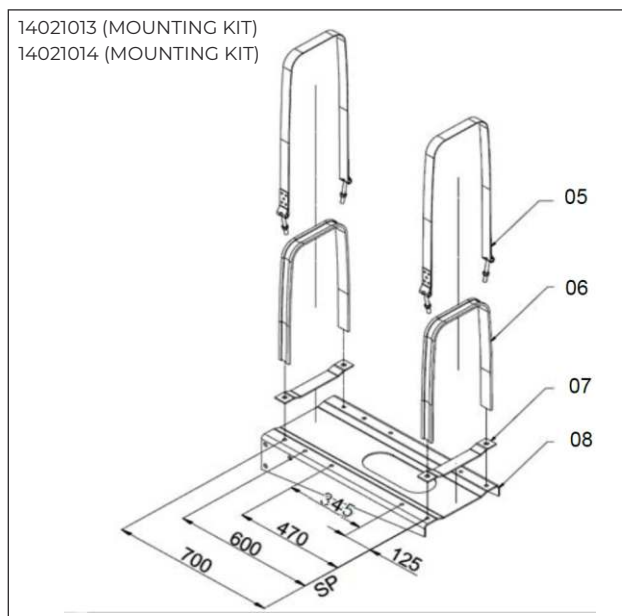
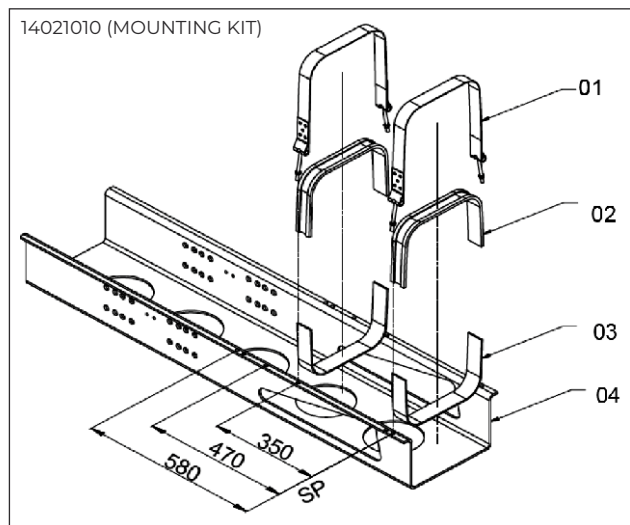


MOUNTING KIT FOR CM-TANKS IN CRADLE 286 MM

Positon	Part no.	Description	Part no. oil tank		Weight (kg)
			14016500	14016505	
	14021010*	FULL MOUNTING KIT FOR OIL TANKS 14016 500 & 14016 505			
	SEPARATE MOUNTING PARTS				
01	14020470	STRAP 858 X 40 MM	■	■	0.7
02	14020475	RUBBER FOR STRAP 638 X 40 MM	■	■	0.1
		STRAP POSITION (SP)	350 MM	470 MM	
03	14020450	RUBBER FOR SUPPORT 50X4 L=570 MM	■	■	0.1
* FULL KIT = 2X (STRAP + T-BOLT AND NUT (1), RUBBER FOR STRAP (2) & RUBBER FOR SUPPORT (3)). THE CRADLE HAS TO BE ORDERED SEPARATELY (4).					
	CRADLE PART				
04	01507538	CRADLE 286 MM	■	■	36.7

MOUNTING KITS FOR CM-TANKS ON SUPPORT FOR IN CRADLE 368 MM

Positon	Part no.	Description	Part no. oil tank			Weight (kg)
			14016500	14016505	14016520	
	14021013*	FULL MOUNTING KIT FOR OIL TANKS 14016 500 & 14016 505				
	14021014*	FULL MOUNTING KIT FOR OIL TANKS 14016 520				
	SEPARATE MOUNTING PARTS					
05	14020461	STRAP 1170 X 40 MM	■	■		1.2
	14020351	STRAP 1510 X 40 MM			■	1.4
06	14020465	RUBBER FOR STRAP 900 X 40 MM	■	■		0.2
	14020335	RUBBER FOR STRAP 1200 X 40 MM			■	0.2
		STRAP POSITION (SP)	350 MM	470 MM	470 MM	
07	14020485	RUBBER FOR SUPPORT	■	■		0.1
* FULL KIT = 2X (STRAP + T-BOLT AND NUT (5), RUBBER FOR STRAP (6) & RUBBER FOR SUPPORT (7)). THE SUPPORT HAS TO BE ORDERED SEPARATELY (8).						
	TANK SUPPORT FOR CRADLE PART					
08	14020480	TANK SUPPORT FOR IN CRADLE 368 MM	■	■	■	16.1



SPY EYE

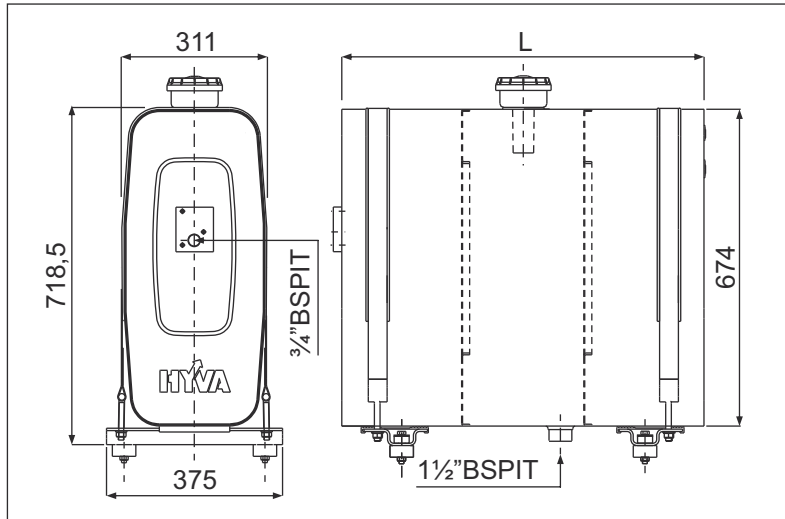
Part no.	Description
08102121	1" LEVEL SPY EYE WITH GASKET



REAR MOUNTED OIL TANKS

REAR MOUNTED TANKS

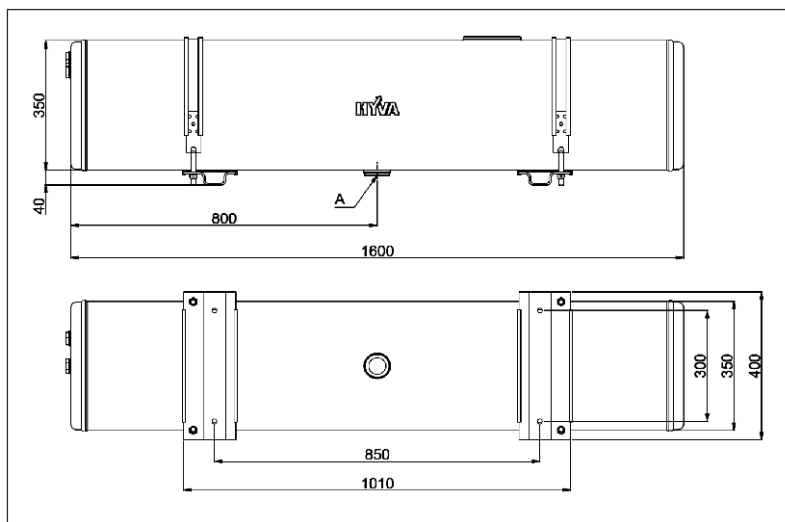
Part no.	Description	Working volume (L)	Weight (kg)	L (mm)	Return port	Suction port
14015240	OIL TANK RM-139L/117L-MP	117	44.8	770	¾" BSPIT	1½" BSPIT
14015280	OIL TANK RM-195L/165L-MP-RF	165	56.8	1070		
14015265	OIL TANK RM-214L/181L-MP	181	57.3	1170		
14015300	OIL TANK RM-252L/213L-MP-RF	213	64.8	1370		



LOW LONG REAR MOUNTED ALUMINIUM OIL TANK (LLRM)

Part no.	Description	Gross volume (L)	Working volume 1 (L)	Working volume 2 (L)	Weight (kg)	Suction port "A"
14015076	OIL TANK RM-177L/144L-128L-MF-LOW LONG	177	144	128	29	1½" BSP

This oil tank will be delivered including support, rubber for support, straps and rubber for straps



NOTE:

Tank return filters (plate version) with part numbers: 14895923, 1489524 & 14895925 mentioned on page 20 in this catalog can be mounted on the LLRM tank without extension tube applied.

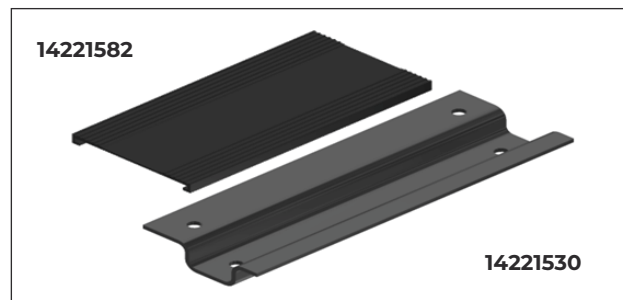
STRAP AND RUBBER

Part no.	Description
14020010	STRAP FOR OIL TANK 14015 240 / 265 / 280 / 300
14020020	RUBBER FOR STRAP OIL TANK 14015 240 / 265 / 280 / 300



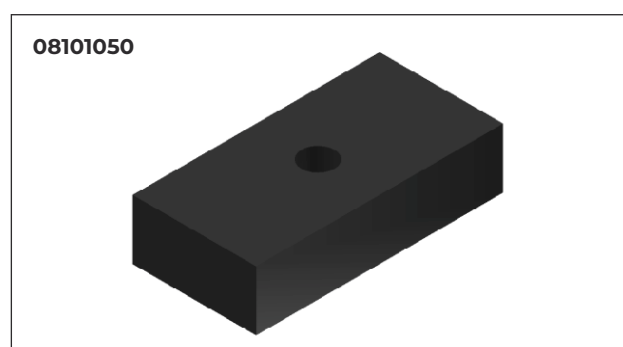
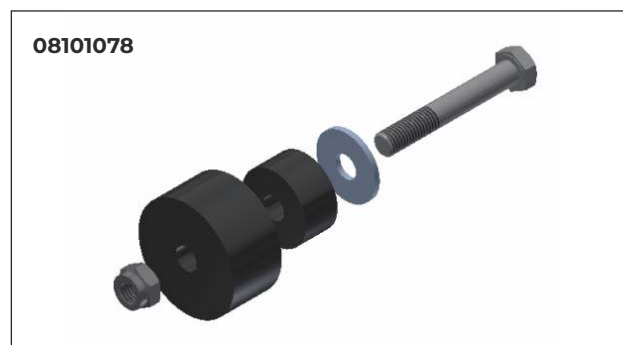
TANK SUPPORT AND RUBBER

Part no.	Description
14221530	TANK SUPPORT FOR OIL TANK 14015240 / 265 / 280 / 300
14221582	RUBBER FOR TANK SUPPORT OIL TANK 14015240 / 265 / 280 / 300



VIBRATION DAMPERS

Part no.	Description
08101078	VIBRATION DAMPER ROUND
08101050	VIBRATION DAMPER SQUARE

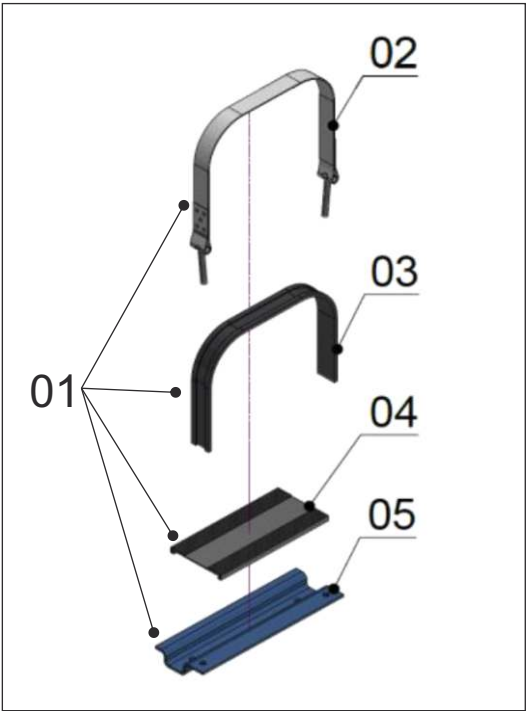


FULL MOUNTING KIT FOR LLRM TANK

Positon	Part no.	Description
01	14221615	STANDARD SUPPORT KIT FOR LLRM OIL TANK

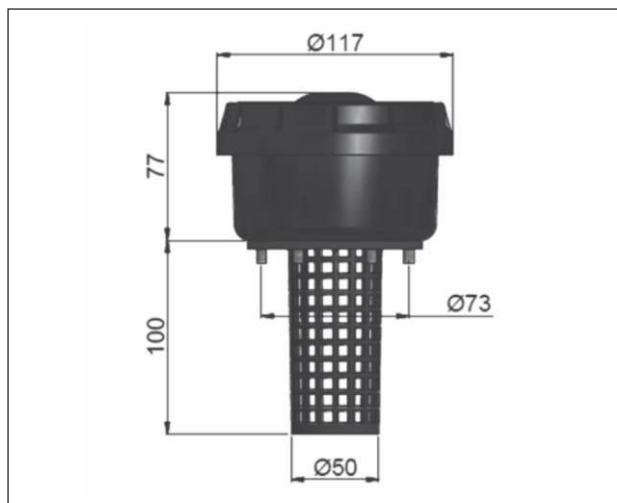
SPARE PARTS FOR LLRM TANK

Positon	Part no.	Description
02	14020471	STRAPS 858 X 40 MM FOR LLRM OIL TANK
03	14020357	STRAP RUBBER 780 X 40 MM FOR LLRM OIL TANK
04	14221617	SUPPORT RUBBER 305 X 137 MM FOR LLRM OIL TANK
05	14221616	SUPPORT 400 X 35 MM FOR LLRM OIL TANK



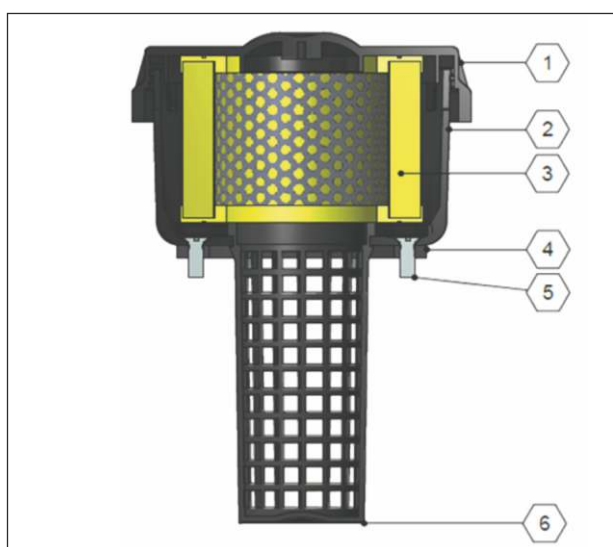
AIR BREATHER

Part no.	Description	Filtration	Filter capacity	Weight
08102116	FILLER/BREATHER ASSEMBLY COMPLETE	10 µM	1350 L/MIN.	0.4 KG

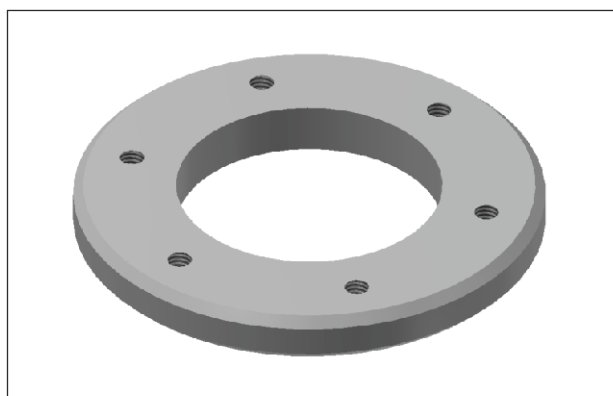


SPARE PARTS AIR BREATHER FILTER

Pos.	Part no.	Description	Qty
1	08102119	COVER	1
2	08102125	FILTER HOUSE	1
3	08102117	AIR FILTER ELEMENT	1
4	08102126	SEAL	1
5	08102127	BOLT	6
6	08102128	SLEEVE	1



Part no.	Description
08102119	STEEL MOUNTING FLANGE FOR AIR BREATHER FILTER 081 02 116



TANK RETURN FILTER KITS - HOUSE VERSION

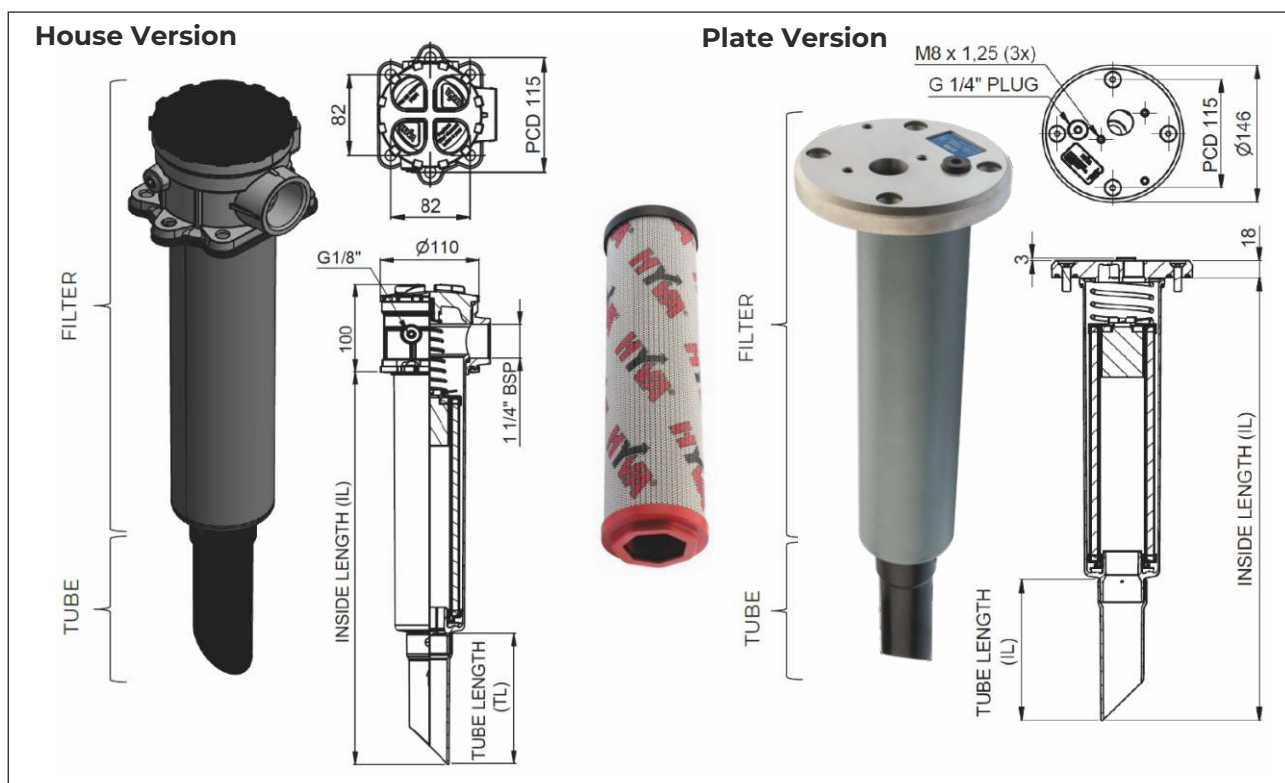
Part no.	Description	Inside length (mm)	Tube length (mm)	Weight (kg)	Nominal flow (l/min)	Filter element (µm)	Filter area (mm²)
14780351	TANK RETURN FILTER HOUSE KIT 449 HC	449	150	1.4	240	25	1955
14780352	TANK RETURN FILTER HOUSE KIT 549 HC	549	250	1.4	240	25	1955
14780353	TANK RETURN FILTER HOUSE KIT 649 HC	649	300	1.5	240	25	1955

* These filter house kits are including: Filter assembly, extension tube, mounting kit and flat gasket

TANK RETURN FILTER KITS - PLATE VERSION

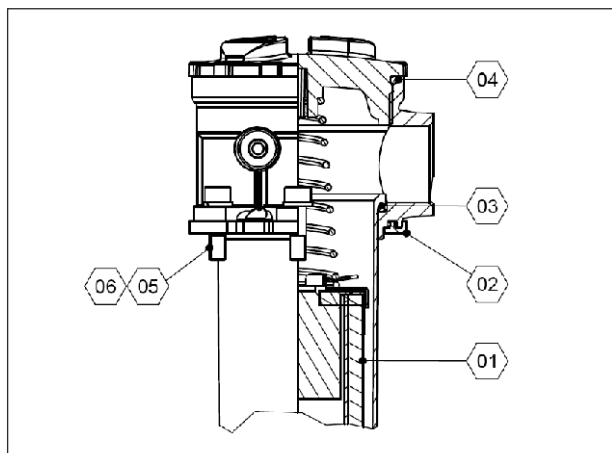
Part no.	Description	Inside length (mm)	Tube length (mm)	Weight (kg)	Nominal flow (l/min)	Filter element (µm)	Filter area (mm²)
14895923	TANK RETURN FILTER PLATE KIT 469 HC	469	150	1.63	240	25	1955
14895924	TANK RETURN FILTER PLATE KIT 569 HC	569	250	1.68	240	25	1955
14895925	TANK RETURN FILTER PLATE KIT 669 HC	669	300	1.73	240	25	1955

* These filter plate kits are including: Filter assembly, extension tube, mounting kit and flat gasket



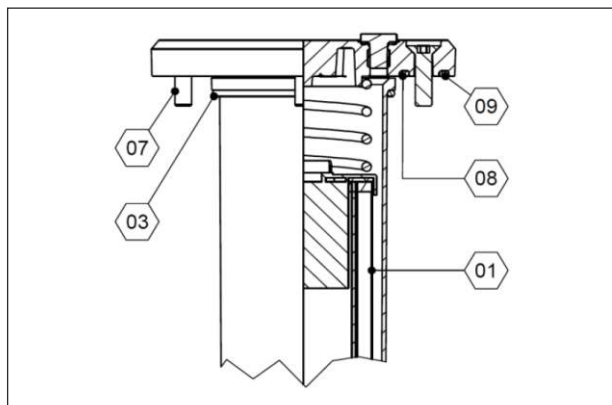
SPARE PARTS - HOUSE VERSION

Pos.	Part no.	Description	Qty
01	14896992	FILTER ELEMENT	1
-	14596971	SEAL KIT (PARTS 02, 03 & 04)	-
02	-	FLAT GASKET	1
03	-	BOWL O-RING	1
04	-	COVER O-RING	1
05	15013643	BOLT HSHC M8X1,25	4
06	15022020	WASHER M8	4



SPARE PARTS - PLATE VERSION

Pos.	Part no.	Description	Qty
01	14896992	FILTER ELEMENT	1
07	15012790	COUNTERSUNK BOLT M8	4
-	14896972	SEAL KIT (PARTS 03, 08 & 09)	-
03	-	BOWL O-RING	1
08	-	PLATE O-RING	1
09	-	PLATE O-RING	1



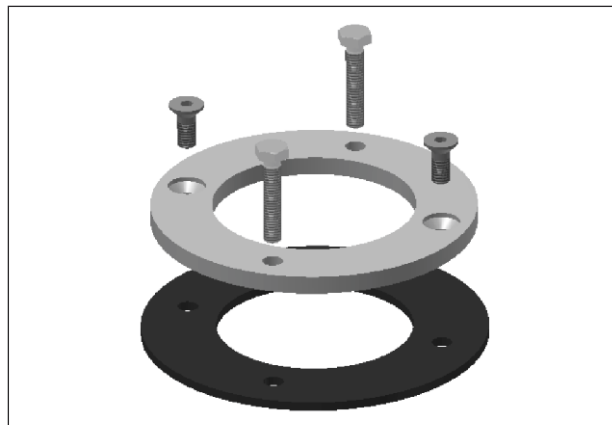
ADAPTOR KIT 90 DEGREES FOR PLATE FILTER

Part no.	Description	Weight (kg)
01317987	ADAPTOR KIT 90 FOR RETURN FILTER 1" BSPOTC	0.1



STRENGTHENING RING

Part no.	Description
14020509	Strengthening ring SM tank RF kit



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