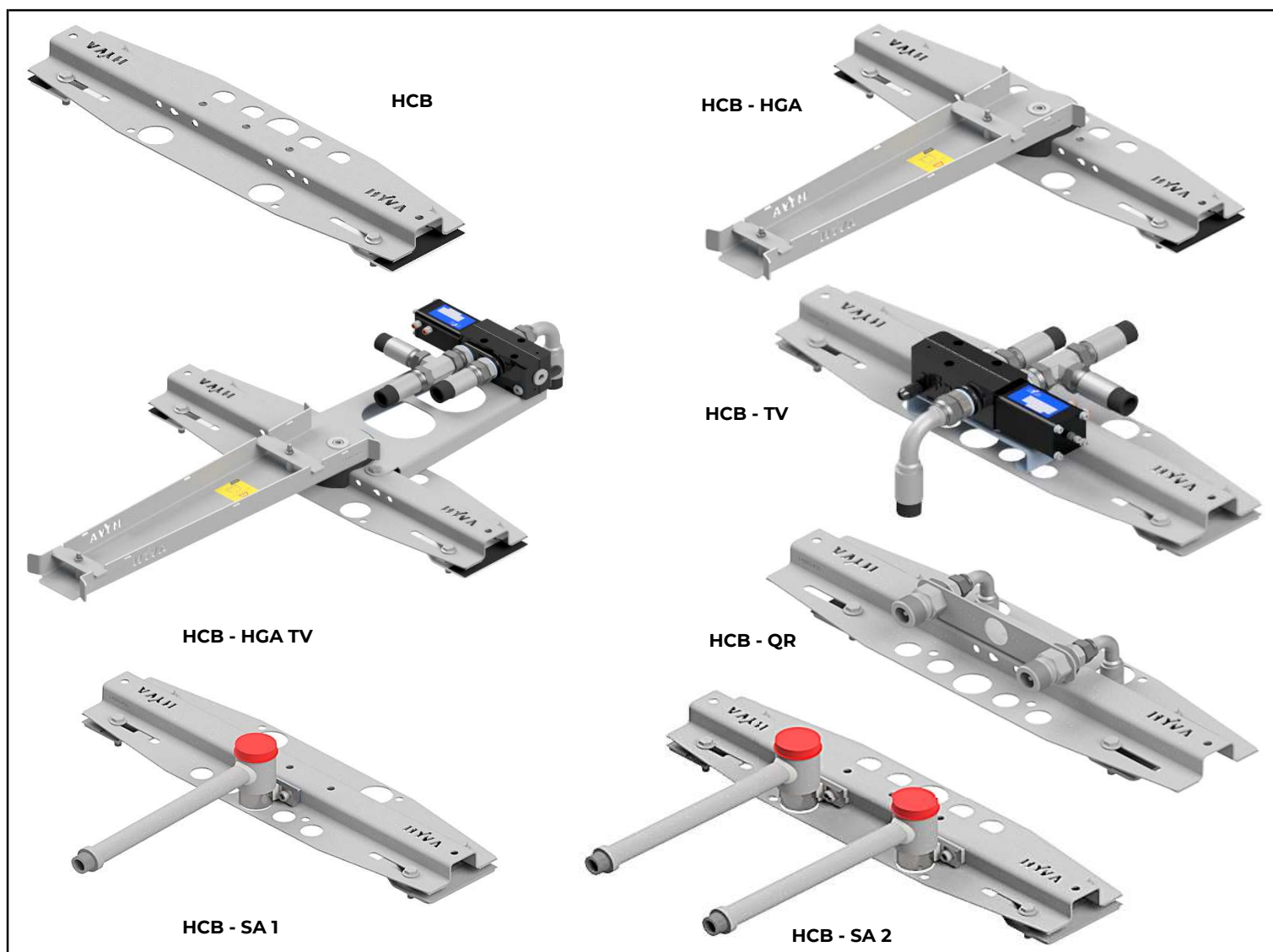




Options

Options	Description	HCB	HGA	TV	TV short	SA 1	SA 2	QR
HCB	Hydraulic Cross Beam - Base*	14801400	-	-	-	-	-	-
HCB HGA	Modular Hydraulic Cross Beam with Hose Guide Arm*	14801400	14801402	-	-	-	-	Optional
HCB HGA TV	Modular Hydraulic Cross Beam with Hose Guide Arm and Tipping Valve support	14801400	14801402	14801410	-	-	-	-
HCB TV	Modular Hydraulic Cross Beam with Tipping Valve support	14801400	-	-	14801406	-	-	-
HCB SA	Modular Hydraulic Cross Beam with Swivel Arm	14801400	-	-	-	14801340 +14801135	14801340 (2x) +14801135 (2x)	-
HCB QR	Modular Hydraulic Cross Beam with Quick Release couplings	14801400	-	-	-	-	-	01332605 01332630

*Note: The HCB HGA can be ordered under itemcode 14801420 as one item.

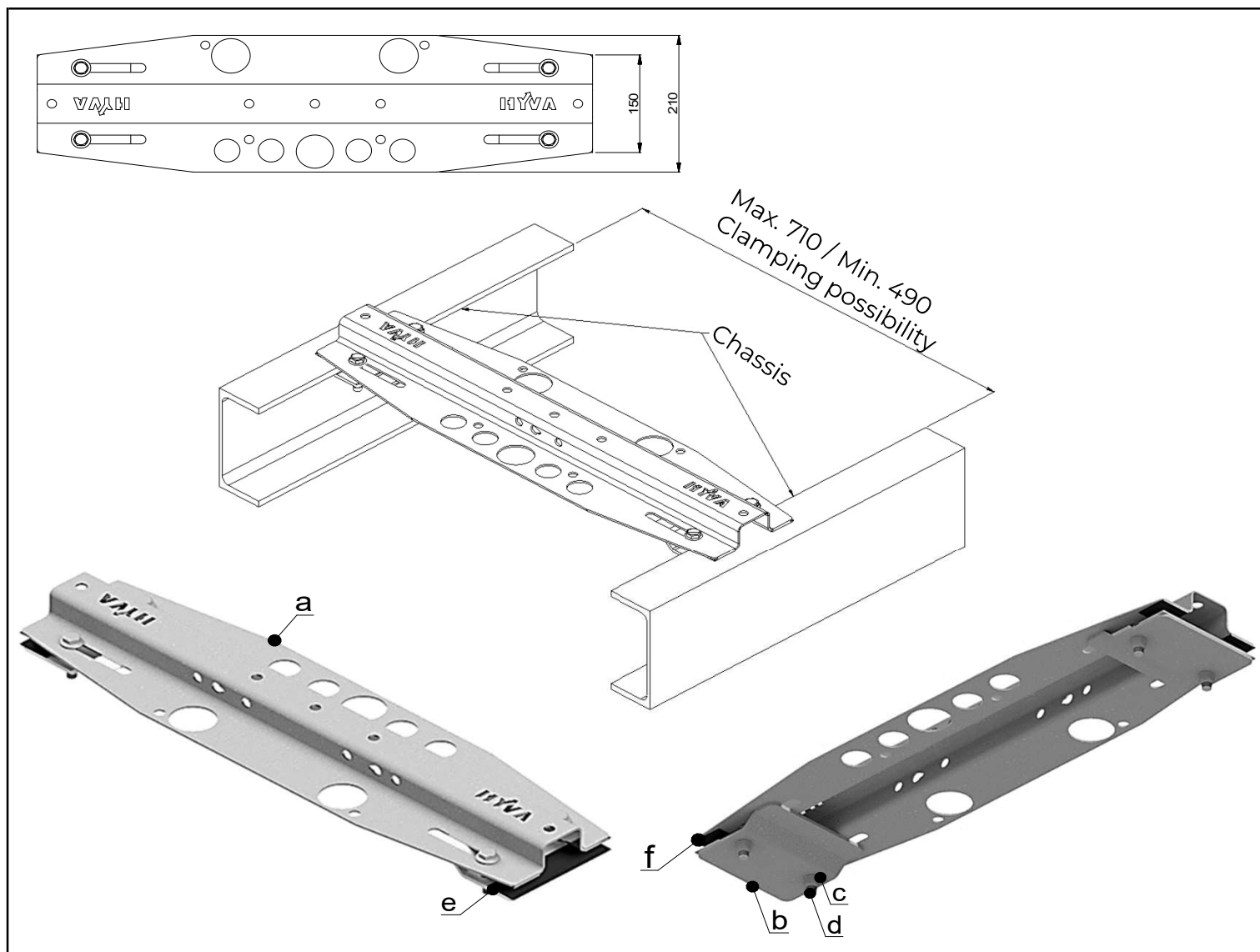
Technical notes

•The Hydraulic cross beam is there in several options to make it easy for your preferred solution • Mounting is simple; slotted holes with clamp plates enable the guide to be fitted to any chassis without welding. • The hydraulic cross beam is robust and partially manufactured in high tensile steel. •The hydraulic cross beam is electrolytically zinc-plated as anti-corrosion protection. •Do not weld on it. •Do not stand on it.

Related documentation

Mounting instructions: HOS-0004

HCB : Hydraulic Cross Beam Base Assembly



Parts

No.	Part no.	Description
01	14801400	HCB Base Assembly*

*Note : Parts a-f are included in the kit.

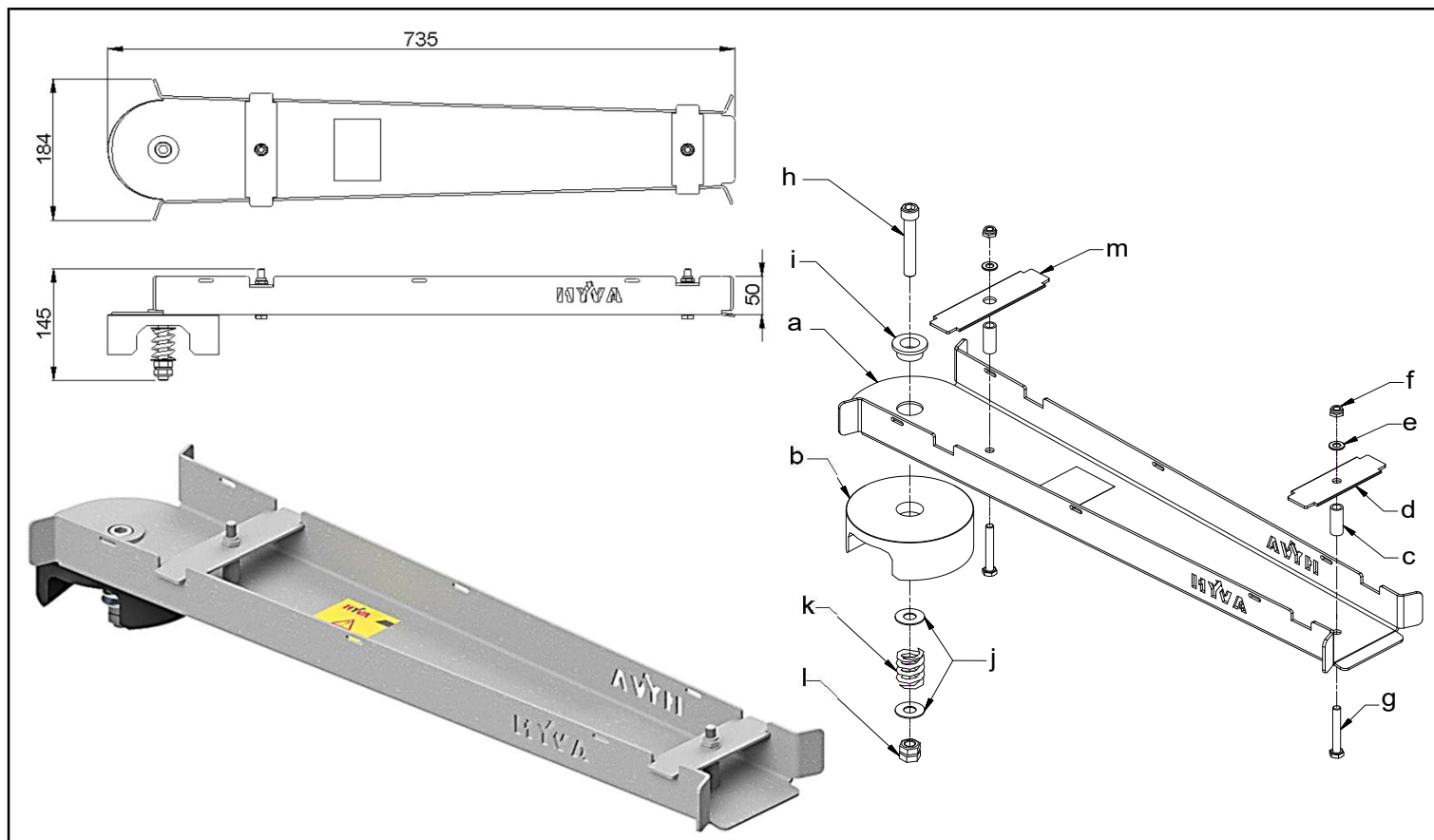
Specifications

Possible Clamping range	490 - 710 mm
Weight	6.3 kg

Spare Parts

No.	Description	Qty.
a	HCB Base profile	1
b	Clamp plate	2
c	Rivet thin head hex. M12	4
d	Hexagon flange bolt M12 DIN 6921	4
e	Rubber foam on clamp plate	2
f	Rubber foam on base profile	4

HGA : Hose Guide Arm Assembly



Parts

No.	Part no.	Description
01	14801402	Hose Guide Arm Assembly*

*Note : Parts a-k are included in the kit.

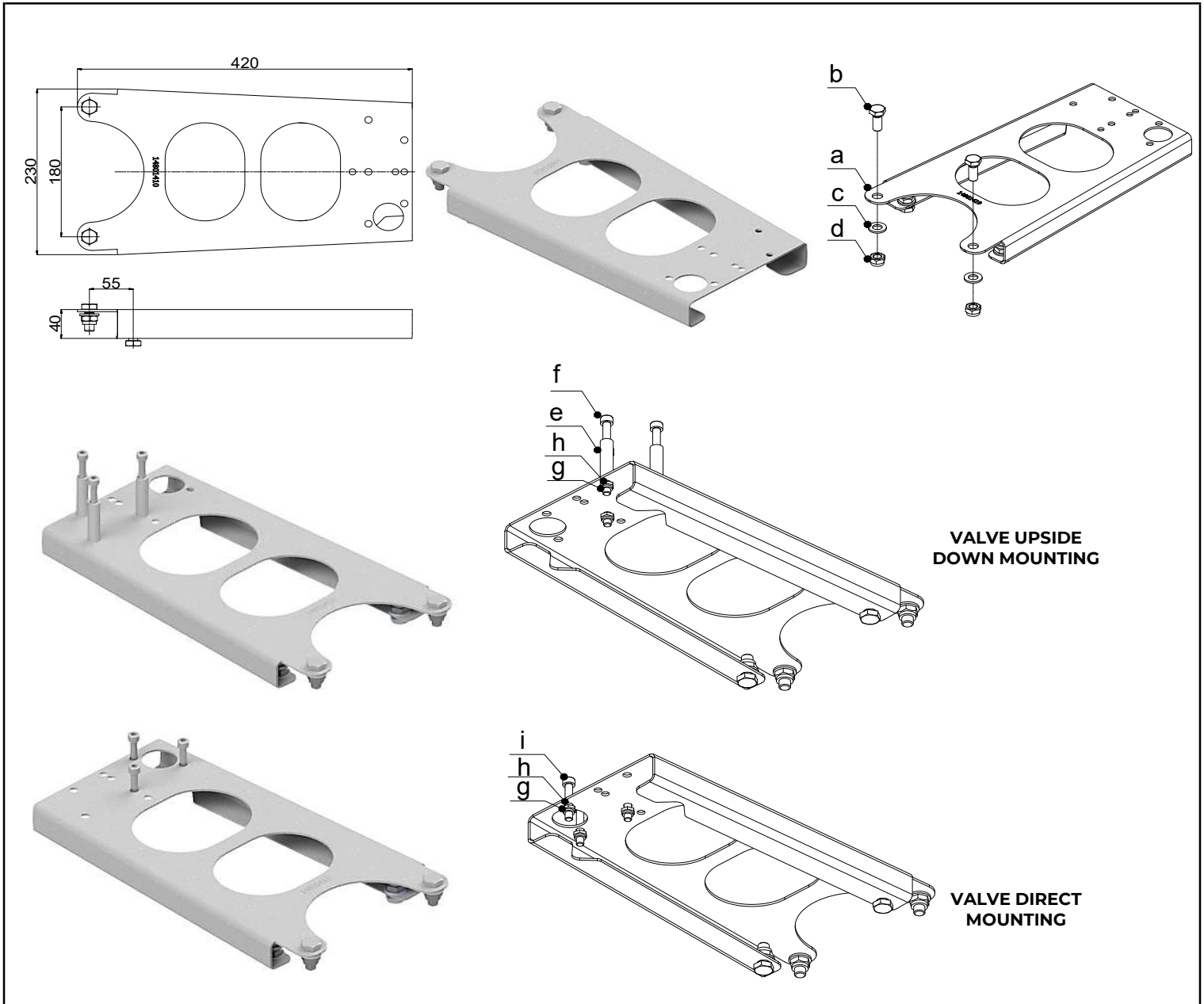
Specifications

Weight	4.3 kg
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Spare Parts

No.	Description	Qty.
a	Guide Arm Main Profile	1
b	Spacer Disc	1
c	Top Bush	2
d	Hose Clamp Strip Back	1
e	Washer M8 125B	2
f	Hex. Locking Nut M8 DIN 985 Q8	2
g	Hex. Head Bolt M8x60 DIN 931 Q8.8	2
h	Cyl. Head Bolt M12x80 DIN 912 Q8.8	1
i	Top bush M12	1
j	Washer M12	2
k	Compression Spring	1
l	Hex. Nut M12 DIN 934 Q8	2
m	Hose Clamp Strip Front	1

TV : Tipping Valve Bracket Kit



Parts

No.	Part no.	Description
01	14801410	Tipping valve bracket kit *

*Note : Parts a-i are included in the kit.

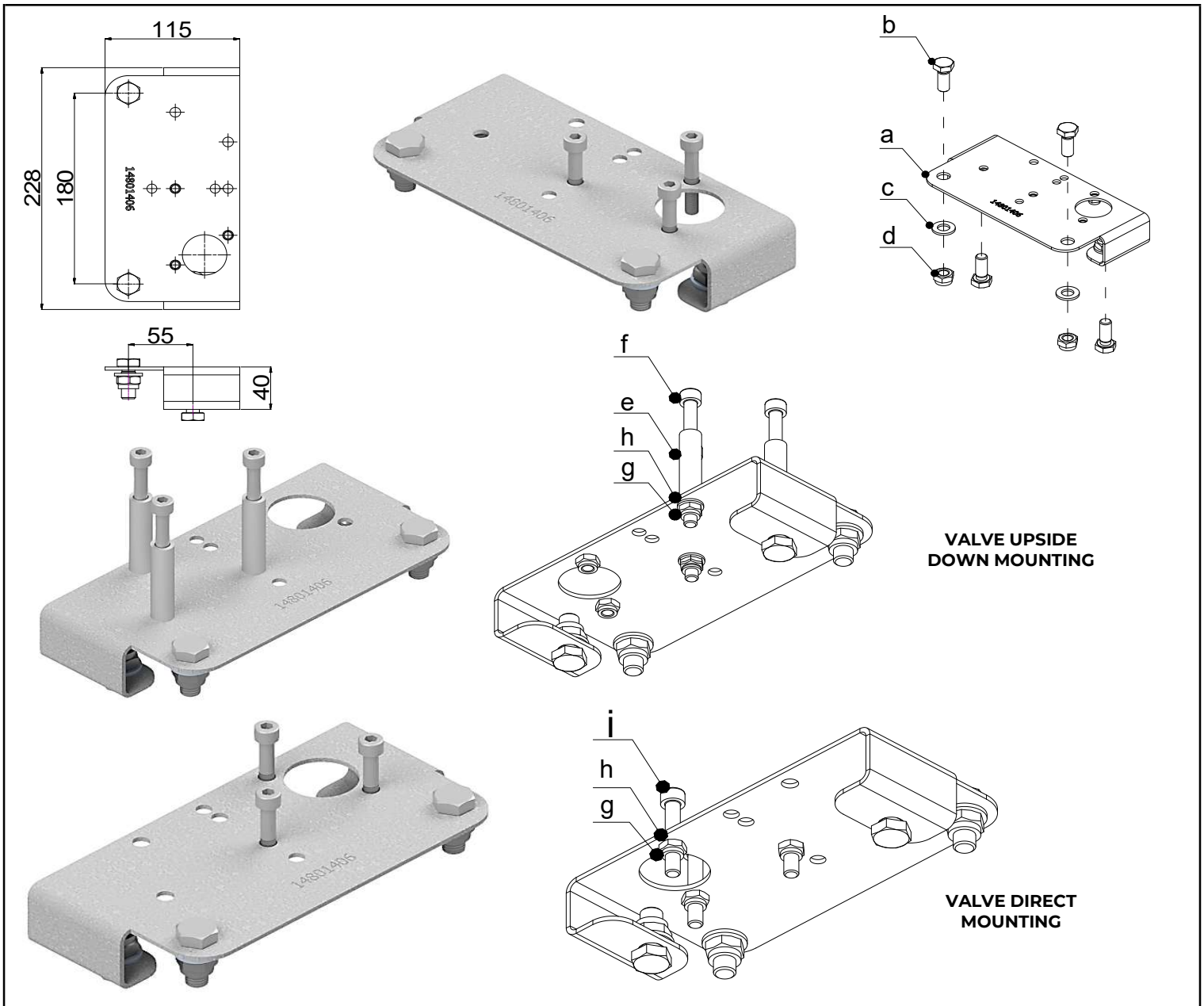
Specifications

Weight	3,0 kg
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Spare Parts

No.	Part no.	Description	Qty.
a	-	HCB Valve bracket	1
b	-	Hex. Head Bolt M12x30 DIN 933 Q8.8	4
c	-	Plain washer M12 DIN 125A	4
d	-	Hex. Locking Nut M12 DIN 985 Q8	4
e	-	Valve mounting bush	3
f	-	Cyl. Head Bolt M8x100 DIN 912 Q 8.8	3
g	-	Hex. Locking Nut M8 DIN 985 Q8	3
h	-	Plain washer M8 DIN 125A	3
i	-	Cyl. Head Bolt M8x50 DIN 912 Q 8.8	3

TV : Tipping Valve Bracket Short Kit



Parts

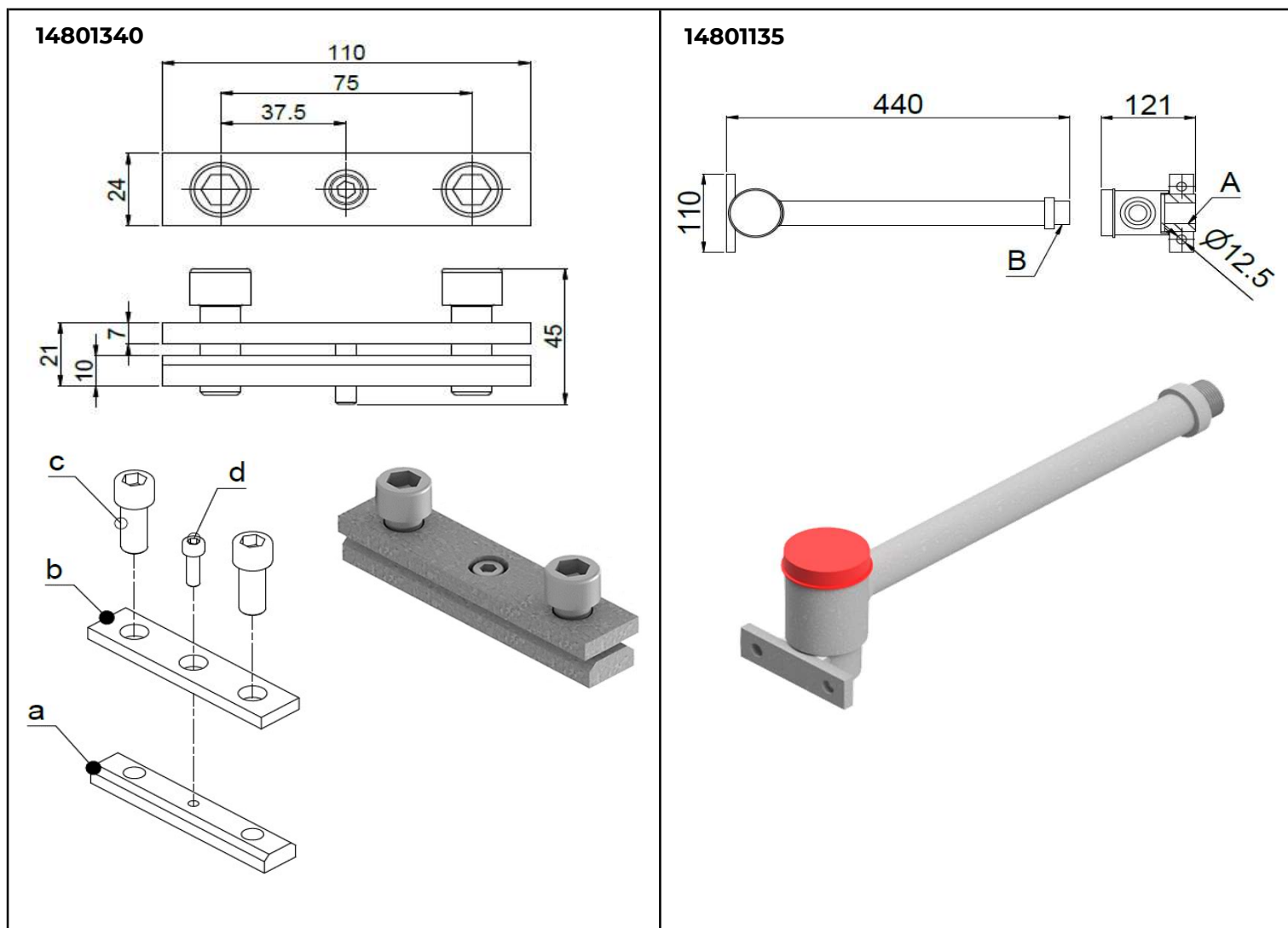
Spare Parts

No.	Part no.	Description	No.	Part no.	Description	Qty.
01	14801406	HCB Valve bracket short kit *	a	-	HCB Valve bracket short	1
*Note : Parts a-i are included in the kit.			b	-	Hex. Head Bolt M12x30 DIN 933 Q8.8	4
			c	-	Plain washer M12 DIN 125A	4
			d	-	Hex. Locking Nut M12 DIN 985 Q8	4
			e	-	Valve mounting bush	3
			f	-	Cyl. Head Bolt M8x100 DIN 912 Q 8.8	3
			g	-	Hex. Locking Nut M8 DIN 985 Q8	3
			h	-	Plain washer M8 DIN 125A	3
			i	-	Cyl. Head Bolt M8x50 DIN 912 Q 8.8	3

Specifications

Weight	1.4 kg
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SA : Swivel Arm Mounting Kit



Parts

No.	Part no.	Description
01	14801340	Swivel Arm Mounting kit*

*Note : Parts a-d are included in the kit.

Specifications

Weight	0.4 kg
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Spare Parts

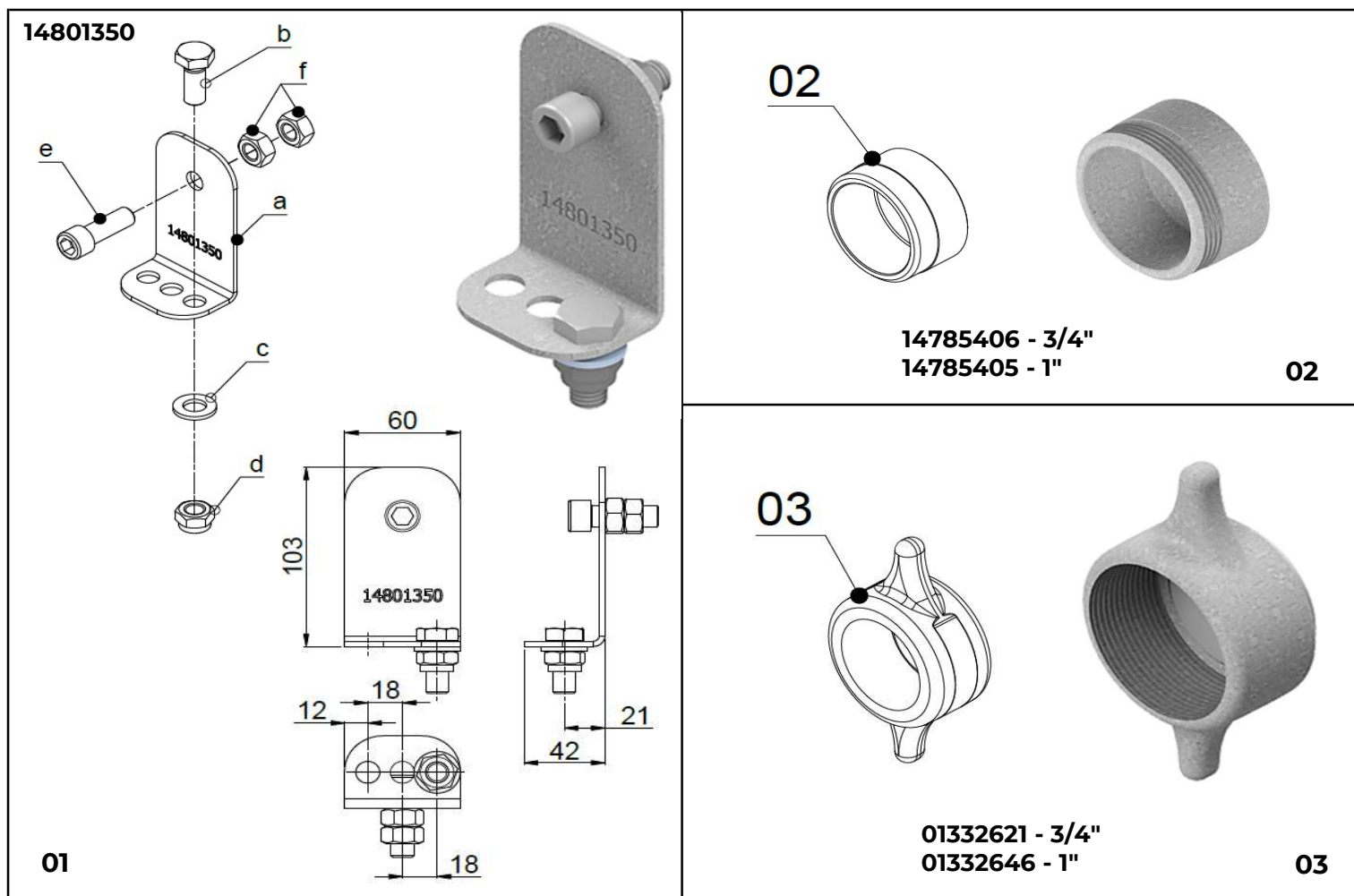
No.	Part no.	Description	Qty.
a	-	Swivel Arm Locking Plate	1
b	-	Swivel Arm Spacer Strip	1
c	-	Cyl. Head Bolt M12x30 DIN 912 Q8.8	2
d	-	Cyl. Head Bolt M6x20 DIN 912 Q8.8	1

Parts

No.	Part no.	Description	Qty.
01	14801135	Hydraulic Swivel Arm	1

Specifications

Weight	3 kg
Thread size of port "A"	1" BSPIT
Thread size "B"	1" BSPOT

Option for : Hose storage

Parts

No.	Part no.	Description
01	14801350	QR Holder Plate Kit*

*Note : Parts a-f are included in the kit.

Specifications

Weight	0.3 kg
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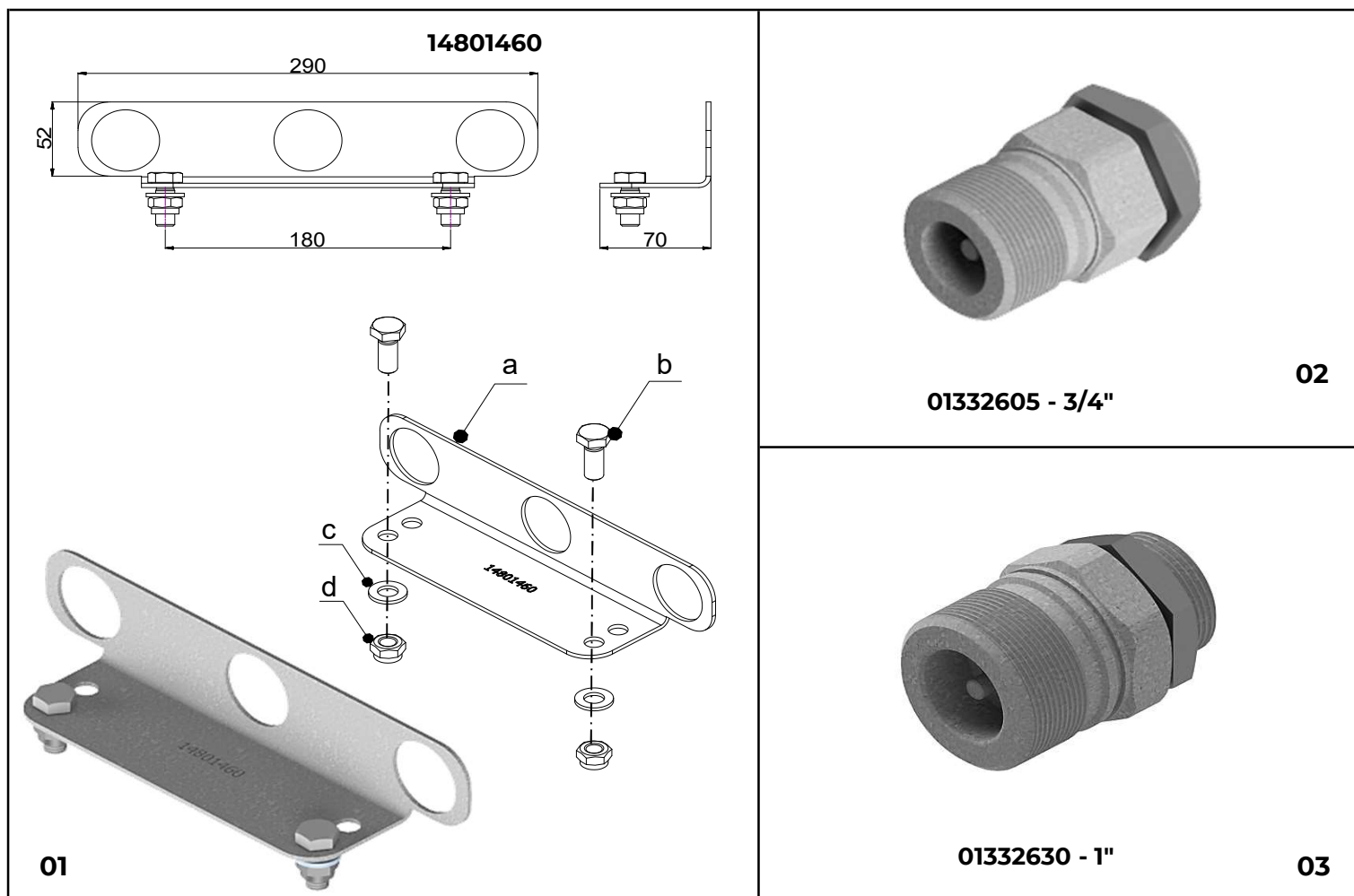
Spare Parts

No.	Description	Qty.
a	QR Holder Plate	1
b	Hex. Head bolt M12x30 DIN 933 Q8.8	1
c	Plain washer M12 DIN 125A	1
d	Hex. Locking nut M12 DIN 985 Q8	1
e	Cyl. Head bolt M12x35 DIN 912	1
f	Hex. Locking nut M12 DIN 934	2

Parts

No.	Part no.	Description	Type	Weight (kg)
02	14785406	Retainer 3/4" BSP	Male	0.2
	14785405	Retainer 1" BSP		0.2
03	01332621	Wing nut 3/4" BSP + spacer	Female	0.4
	01332646	Wing nut 1" BSP + spacer		0.4

Option for : Quick Release coupling storage



Parts

No.	Part no.	Description
01	14801460	HCB QR Holder Plate Long Kit*

*Note : Parts a-d are included in the kit.

Specifications

Weight	0.7 kg
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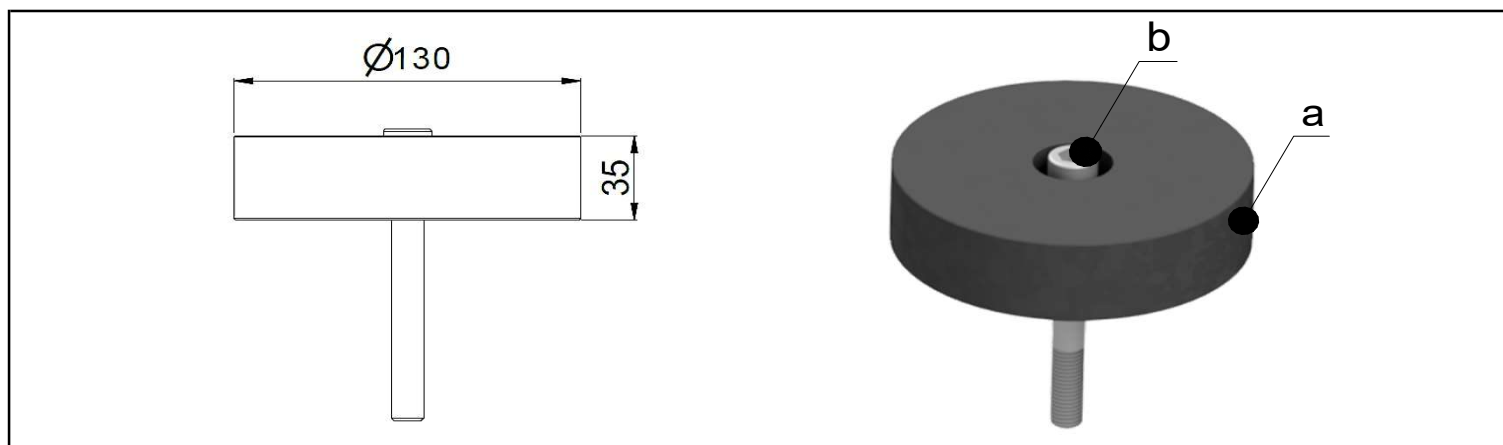
Spare Parts

No.	Description	Qty.
a	HCB QR Holder Plate Long	1
b	Hex. Head bolt M12x30 DIN 933 Q8.8	2
c	Plain washer M12 DIN 125A	2
d	Hex. Locking nut M12 DIN 985 Q8	2

Parts

No.	Part no.	Description	Weight (kg)
02	01332605	3/4" BSP QR Couplings	0.9
03	01332630	1" BSP QR Couplings	1.1

Guide Arm Spacer Kit

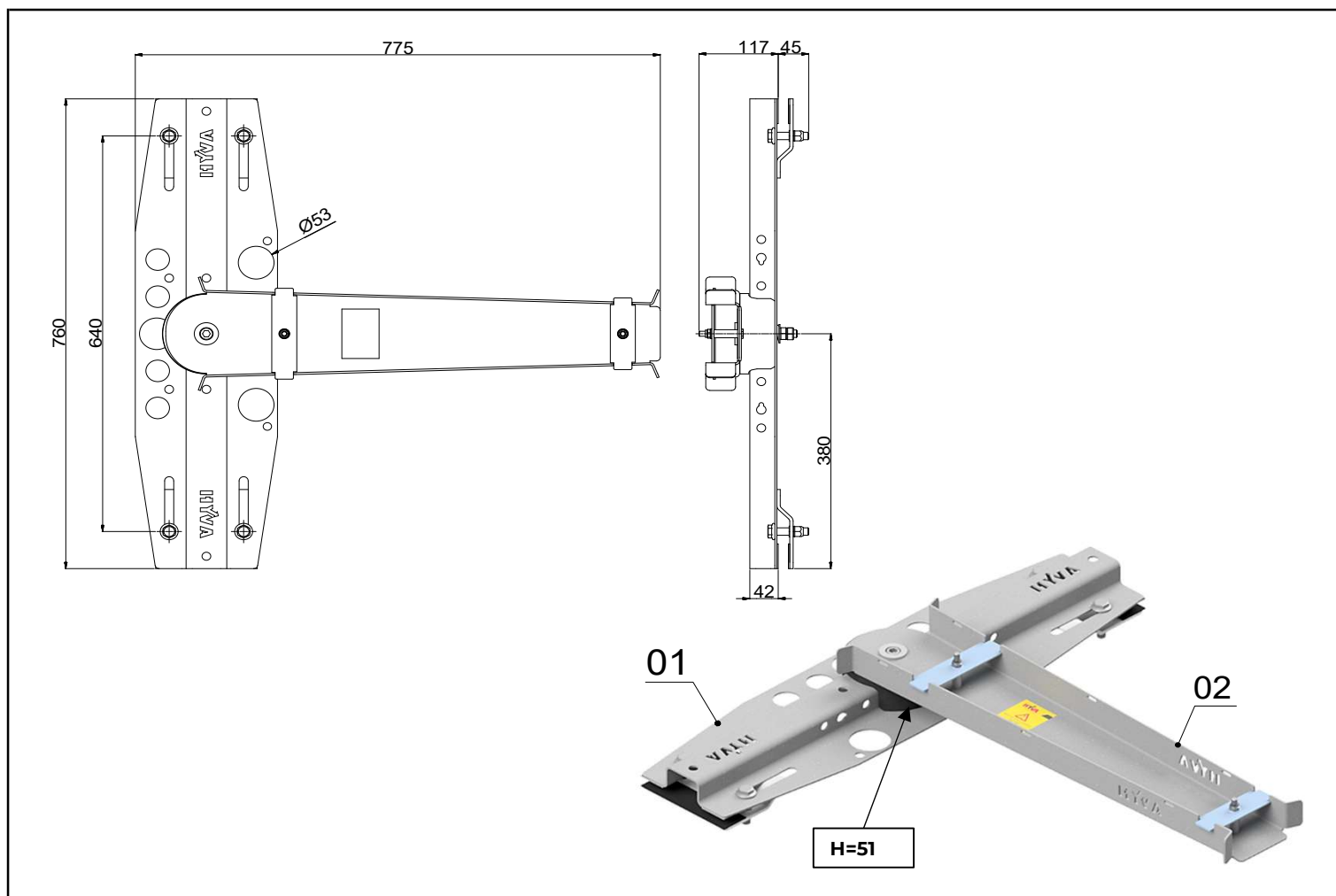


Parts

Spare Parts

No.	Part no.	Description	No.	Part no.	Description	Qty.
01	14801312	Guide Arm spacer kit*	a	-	Spacer Disc	1
*Note : Parts a & b are included in the kit.			b	-	Cyl. Head Bolt M12x110 DIN 912 Q8.8	1

HCB HGA : Modular Hydraulic Cross Beam with Hose Guide Arm



Full kit

No.	Part no.	Description
-	14801420	Modular Hydraulic Cross Beam with Hose Guide Arm*

*Note : Part no. 01 & 02 are included in the kit.

Parts

No.	Part no.	Description	Qty.
01	14801400	HCB Base Assembly	1
02	14801402	Hose Guide Arm Assembly	1

For more information see page 2 & 3.

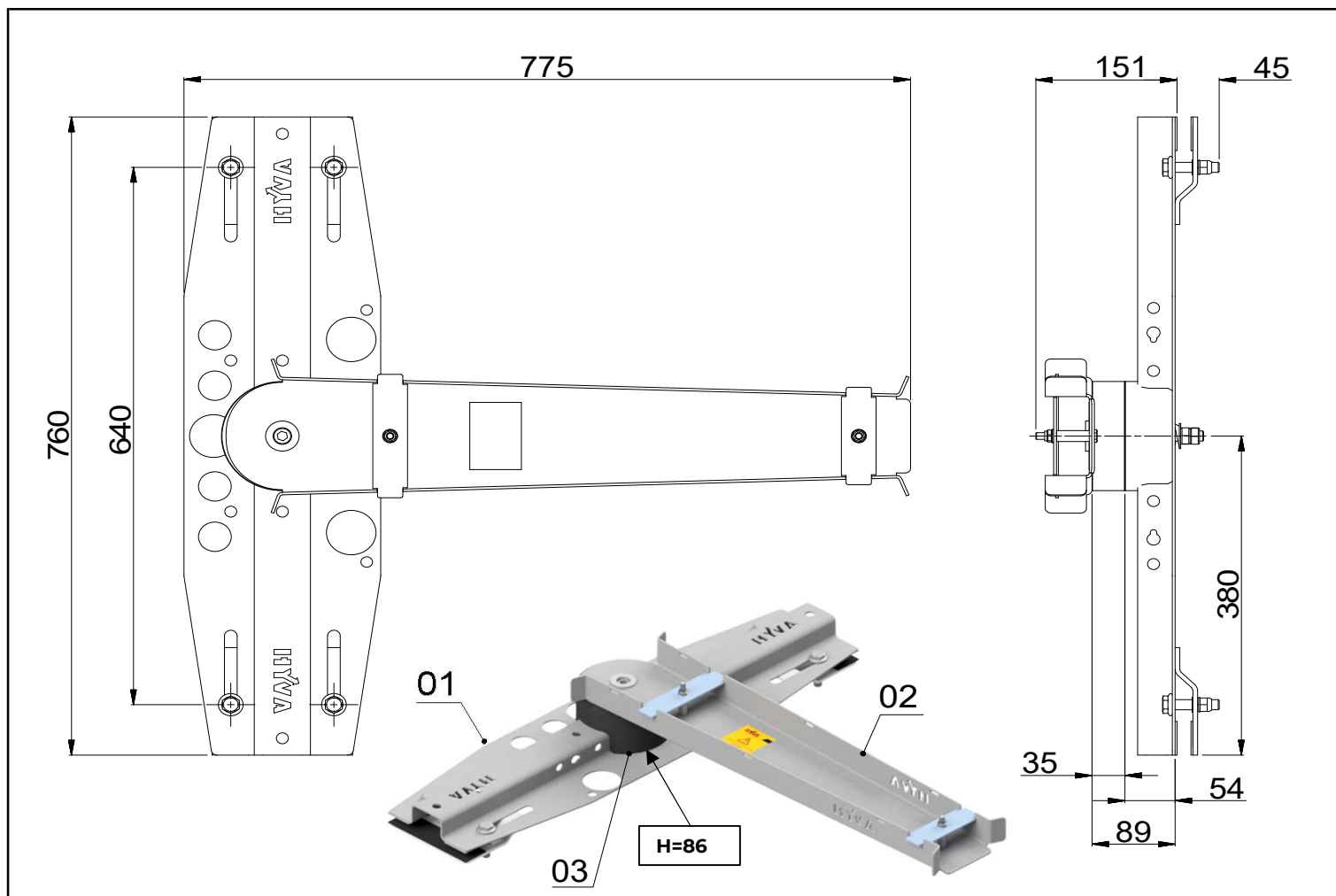
Specifications

Possible Chassis widths	490 - 710 mm
Weight	11.4 kg
Length	816 mm
Width	760 mm
Height	154 mm

Options

- If the guide arm is touching any components, add spacer kit 14801312 to increase the height to total of 86mm. For more information, see page 9.
- Use the 4 holes (dia. 35mm) in the base part for mounting bulkheads.
- Use the slotted holes in the top part for clamping additional hoses with tie-wraps.
- Use the connection point to connect loose hoses on it with mounting kit: 14801350 and QR couplings. For more information, see page 7 & 8.

HCB HGA : Modular Hydraulic Cross Beam with Hose Guide Arm with increased height



Full kit

No.	Part no.	Description
-	14801430	Hydraulic Cross Beam with Hose Guide Arm + spacer*

*Note : Part no. 01, 02 & 03 are included in the kit.

Parts

No.	Part no.	Description	Qty.
01	14801400	HCB Base Assembly	1
02	14801402	Guide Arm Assembly	1
03	14801312	Guide Arm spacer kit	1

For more information see page 2, 3 & 9.

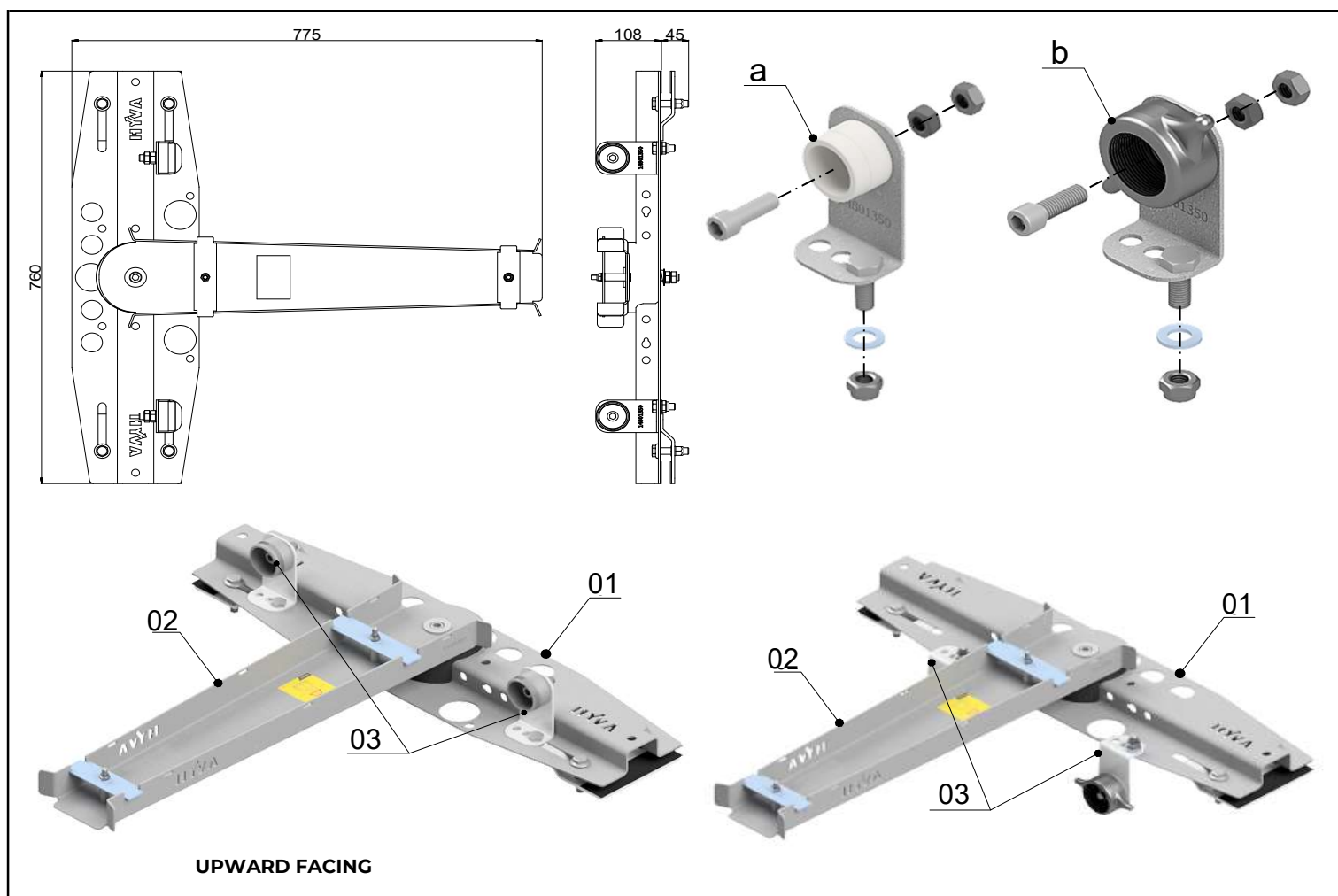
Specifications

Possible Clamping range	490 - 710 mm
Weight	12 kg
Length	775 mm
Width	760 mm
Height	179 mm

Options

- Use the 4 holes (dia. 35mm) in the base part for mounting bulkheads. See for more detail spec. sheet : HPADAP01.
- Use the slotted holes in the top part for clamping additional hoses with tie-wraps.
- Use the connection point to connect loose hoses on it with mounting kit: 14801350 and QR couplings. For more information, see page 7 & 8.

HCB HGA : Option for Hose storage



Parts

No.	Part no.	Description	Qty.
01	14801400	HCB Base Assembly	1
02	14801402	Hose Guide Arm Assembly	1
03	14801350	QR Holder plate kit	1

For more information see page 2, 3, & 7.

Specifications

Possible Clamping range	490 - 710 mm
Length	816 mm
Width	760 mm

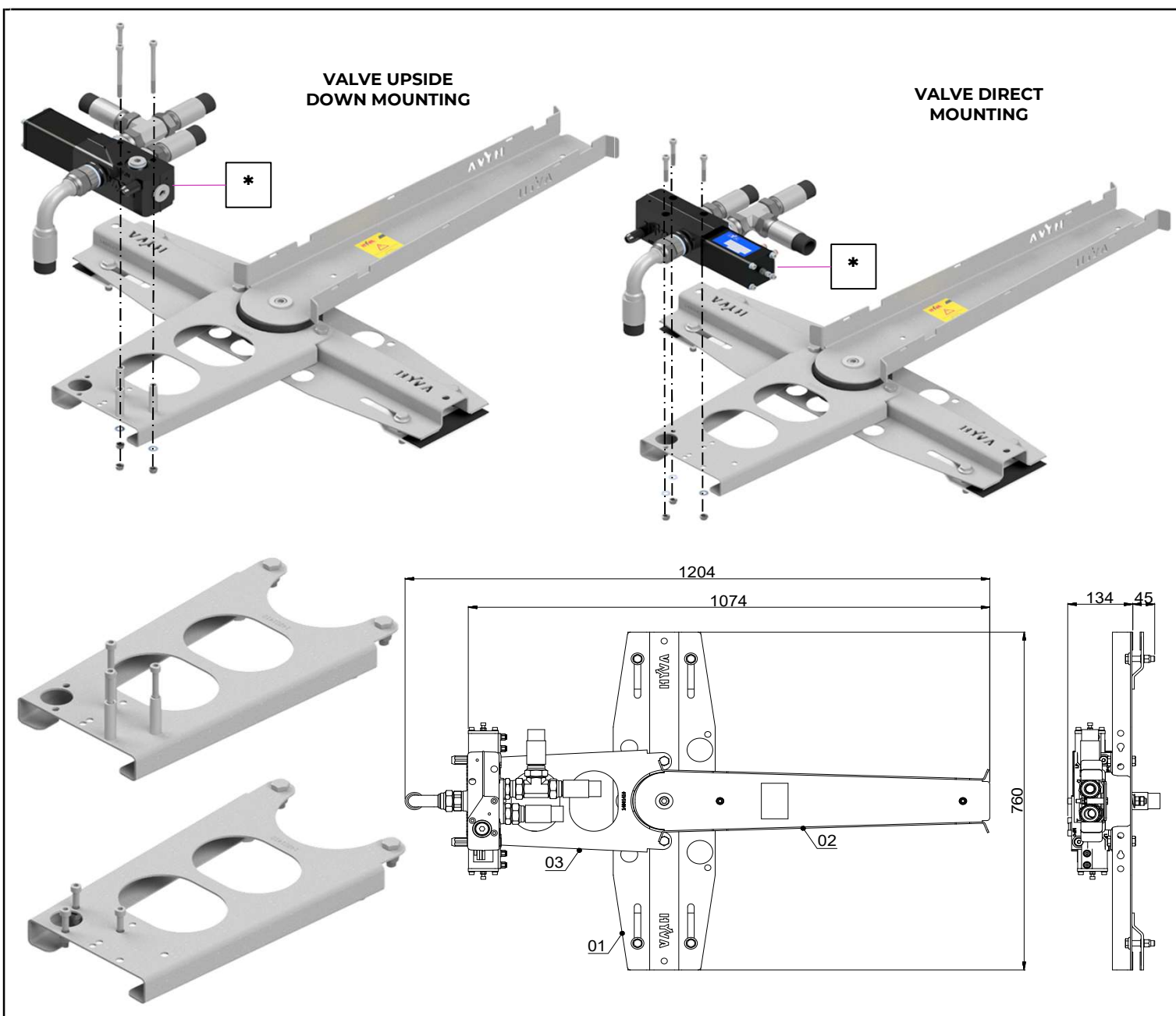
Optional Hose storage connection points

No.	Part no.	Description	Type
a	14785406	Retainer 3/4" BSP	Male
	14785405	Retainer 1" BSP	
b	01332621	Wing nut 3/4" BSP + spacer	Female
	01332646	Wing nut 1" BSP + spacer	

Options

- If the guide arm is touching any components, add spacer kit 14801312 to increase the height to total of 86mm. For more information, see page 9.
- Use the 4 holes (dia. 35mm) in the base part for mounting bulkheads. See for more detail spec. sheet : HPADAP01.
- Use the slotted holes in the top part for clamping additional hoses with tie-wraps.

HCB HGA TV : Modular Hydraulic Cross Beam with Hose Guide Arm and Tipping Valve support



Parts

No.	Part no.	Description	Qty.
01	14801400	HCB Base Assembly	1
02	14801402	Hose Guide Arm Assembly	1
03	14801410	Valve bracket kit	1

Attention!: Valve, hoses and adapters are not in the kit.

Specifications

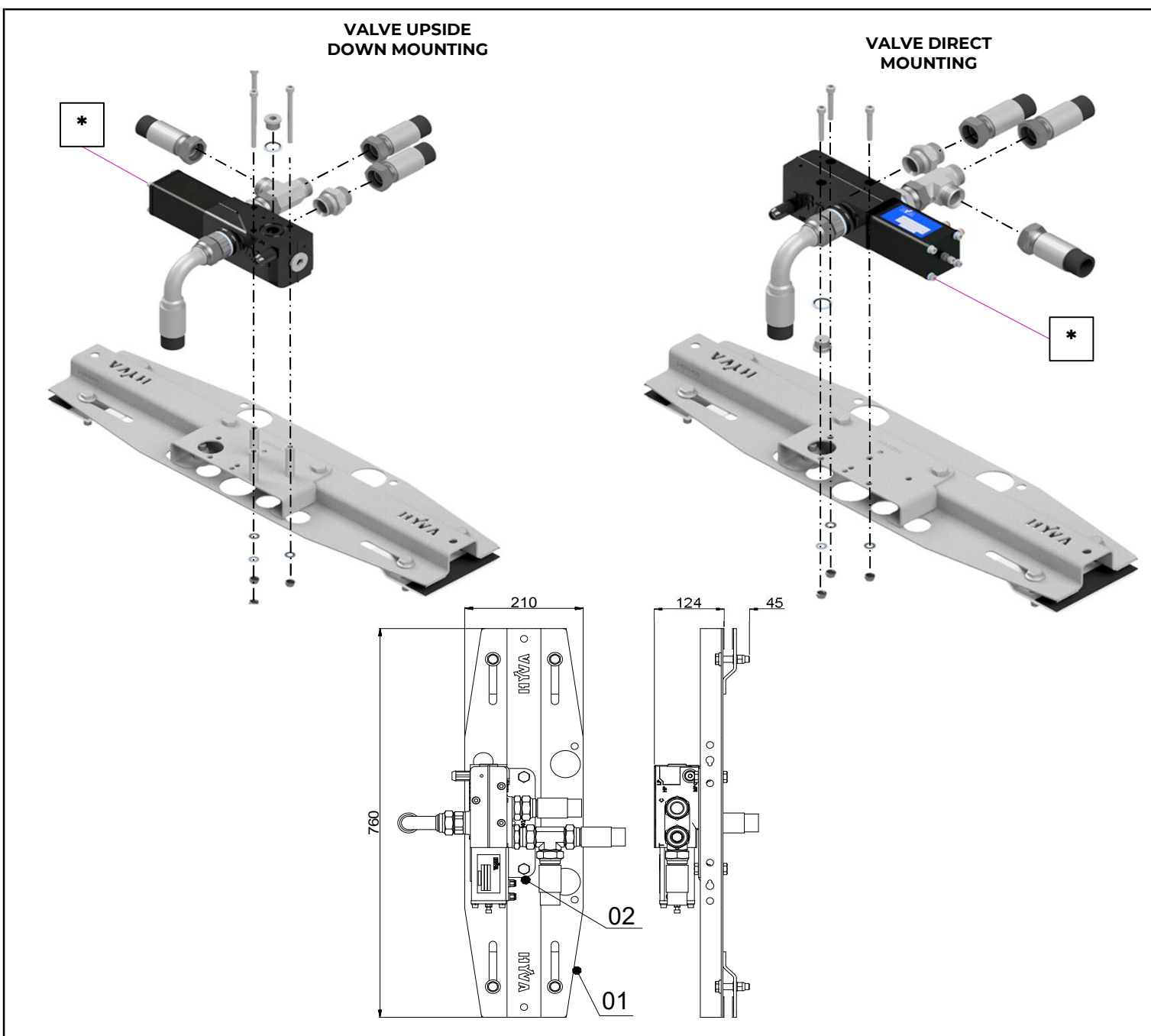
Possible Clamping range	490 - 710 mm
Weight (HCB-HGA TV + Tipping valve)	20.2 kg
Length	1204 mm
Width	760 mm
Height	179 mm

Options

* Possibility to mount the valve range: HT-1220-TNK and pressure relieve valves. For more information, see valve catalog: PDCL-0005.

- Use the 4 holes (dia. 35mm) in the base part for mounting bulkheads. See for more detail spec. sheet : HPADAP01.
- Use the slotted holes in the top part for clamping additional hoses with tie-wraps.
- Use the connection point to connect loose hoses on it with mounting kit: 14801350 and QR couplings. For more information, see page 7 & 8.

HCB TV : Modular Hydraulic Cross Beam with Tipping Valve support



Parts

No.	Part no.	Description	Qty.
01	14801400	HCB Base assembly	1
02	14801406	Valve bracket short kit	1

Attention!: Valve, hoses and adapters are not in the kit.

Specifications

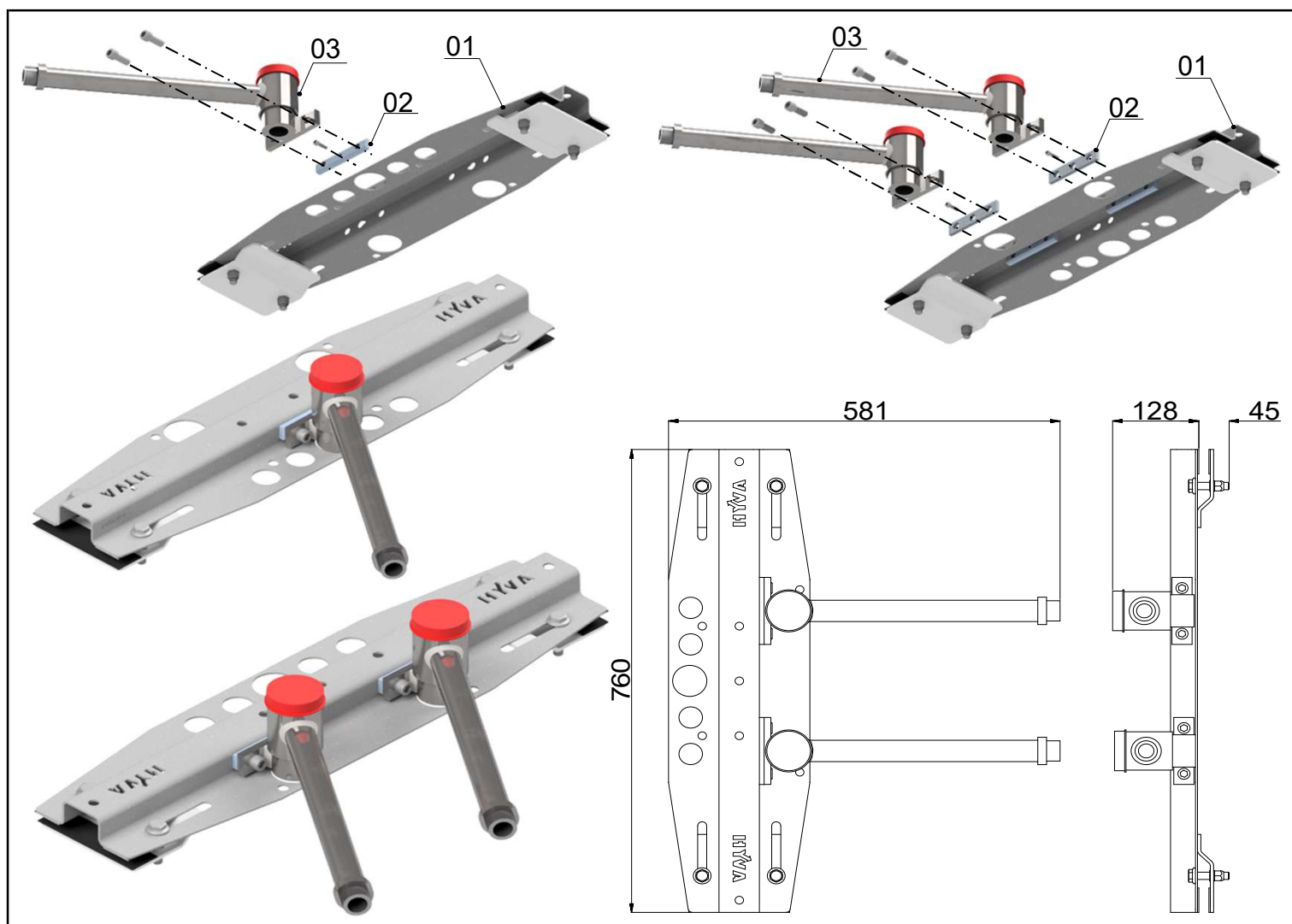
Possible Clamping range	490 - 710 mm
Weight (HCB-TV+Tipping valve)	14.3 kg
Length	398 mm
Width	760 mm
Height	185 mm

Options

* Possibility to mount the valve range: HT-1220-TNK and pressure relieve valves. For more information, see valve catalog: PDCL-0005.

• Use the connection point to connect loose hoses on it with mounting kit: 14801350 and QR couplings. For more information, see page 7 & 8.

HCB SA : Modular Hydraulic Cross Beam with Swivel Arm



Parts for HCB SA 1

No.	Part no.	Description	Qty.
01	14801400	HCB Base assembly	1
02	14801340	Swivel Arm mounting kit	1
03	14801135	Hydraulic swivel arm	1

Parts for HCB SA 2

No.	Part no.	Description	Qty.
01	14801300	HCB Base assembly	1
02	14801340	Swivel Arm mounting kit	2
03	14801135	Hydraulic swivel arm	2

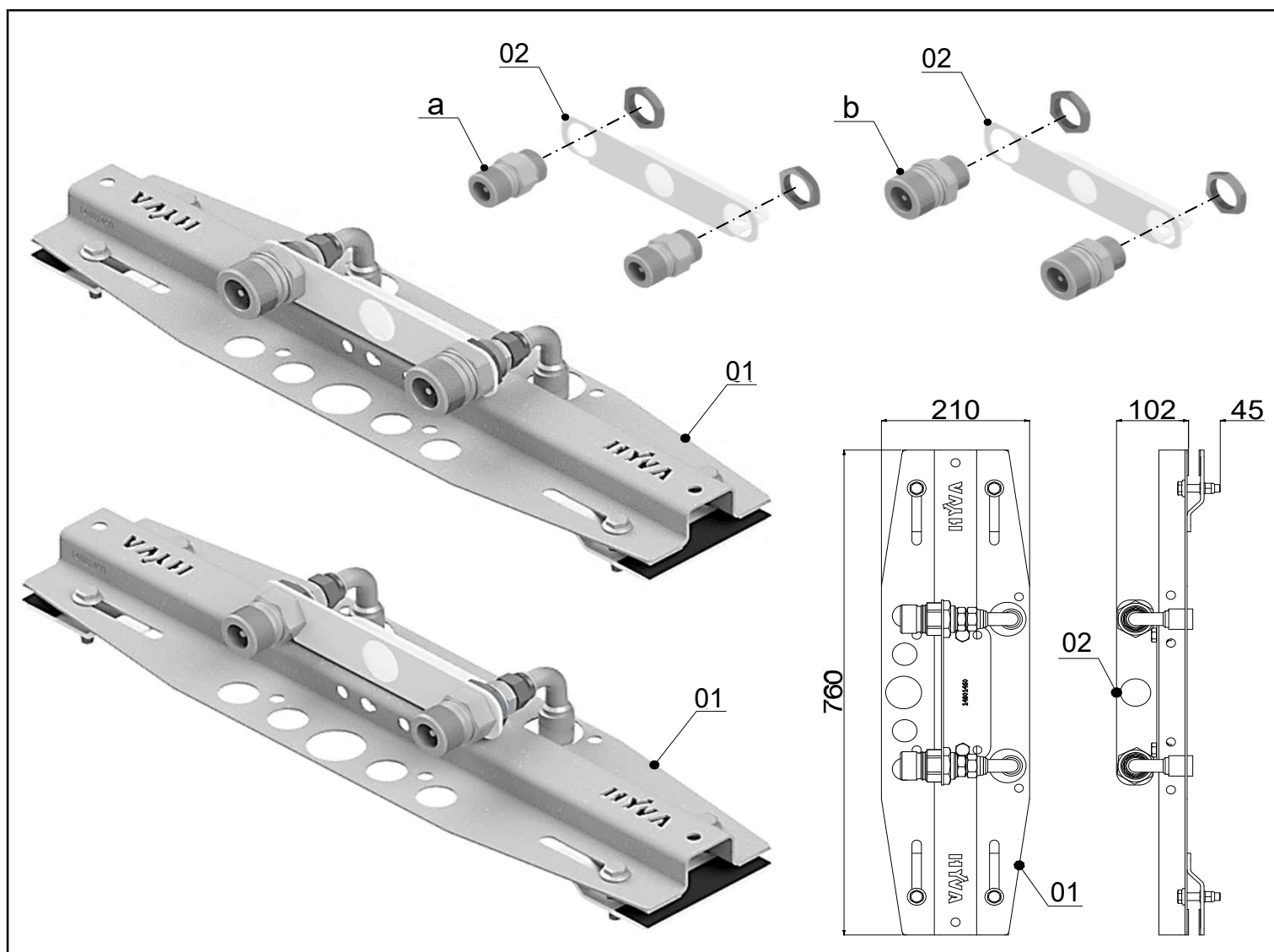
Specifications

Possible Clamping range	490 - 710 mm
Weight : HCB SA 1	10.6 kg
Weight : HCB SA 2	13.6 kg
Length	581 mm
Width	760 mm
Height	173 mm

Options

- Use the connection point to connect loose hoses on it with mounting kit: 14801350 and QR couplings. For more information, see page 7 & 8.

HCB QR : Modular Hydraulic Cross Beam with Quick Release couplings



Parts

No.	Part no.	Description	Qty.
01	14801400	HCB Base assembly	1
02	14801351	Mounting kit for QR/Connection point	2

Attention!: Couplings, bonded seals and hoses are not in the kit, must be ordered separately. See HPADAP01.

For more information see page 8.

Specifications

Possible Clamping range	490 - 710 mm
Weight	11.9 kg
Length	199 mm
Width	760 mm
Height	174 mm

Optional Quick Release couplings

No.	Part no.	Description
a	01332605	3/4" BSP QR Couplings
b	01332630	1" BSP QR Couplings



01332605



01332630