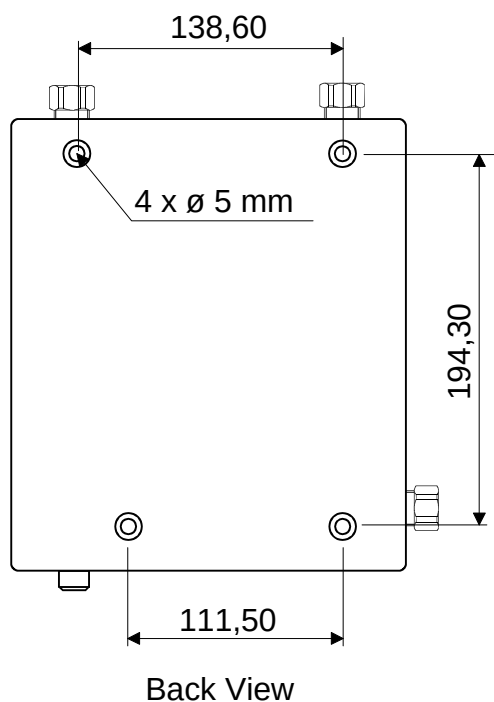
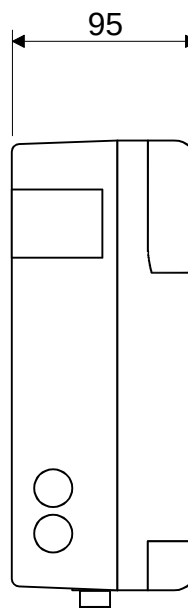
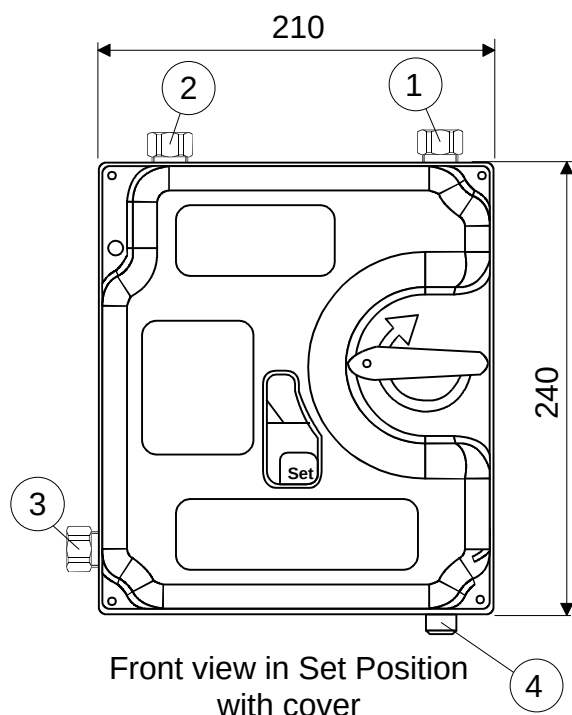




The XV Control System is supplied with:

- 1 Off 188110 Actuator pneumatic
- 1 Off 188900 Nitrogen cartridge
- 1 Off 188910 Nitrogen test cartridge
- 1 Off 188475 EMT Connector Kit
- 2 Off 188920 Microswitch Kit

Item	Description
4	1/8" NPT Port for pneumatic actuation
3	PG16 cable gland, port for cable to micro switch
2	1/2" EMT Connector, port for termobulb wire release
1	1/2" EMT Connector, port for manual wire release

Weight: 5,9 Kg
Actuation: Nitrogen cartridge
Finish: Natural

Material:

Cast Aluminium

Data Sheet No.

188300-PDS-A-001

Kidde Wet Chemical System

XV Control System
External view

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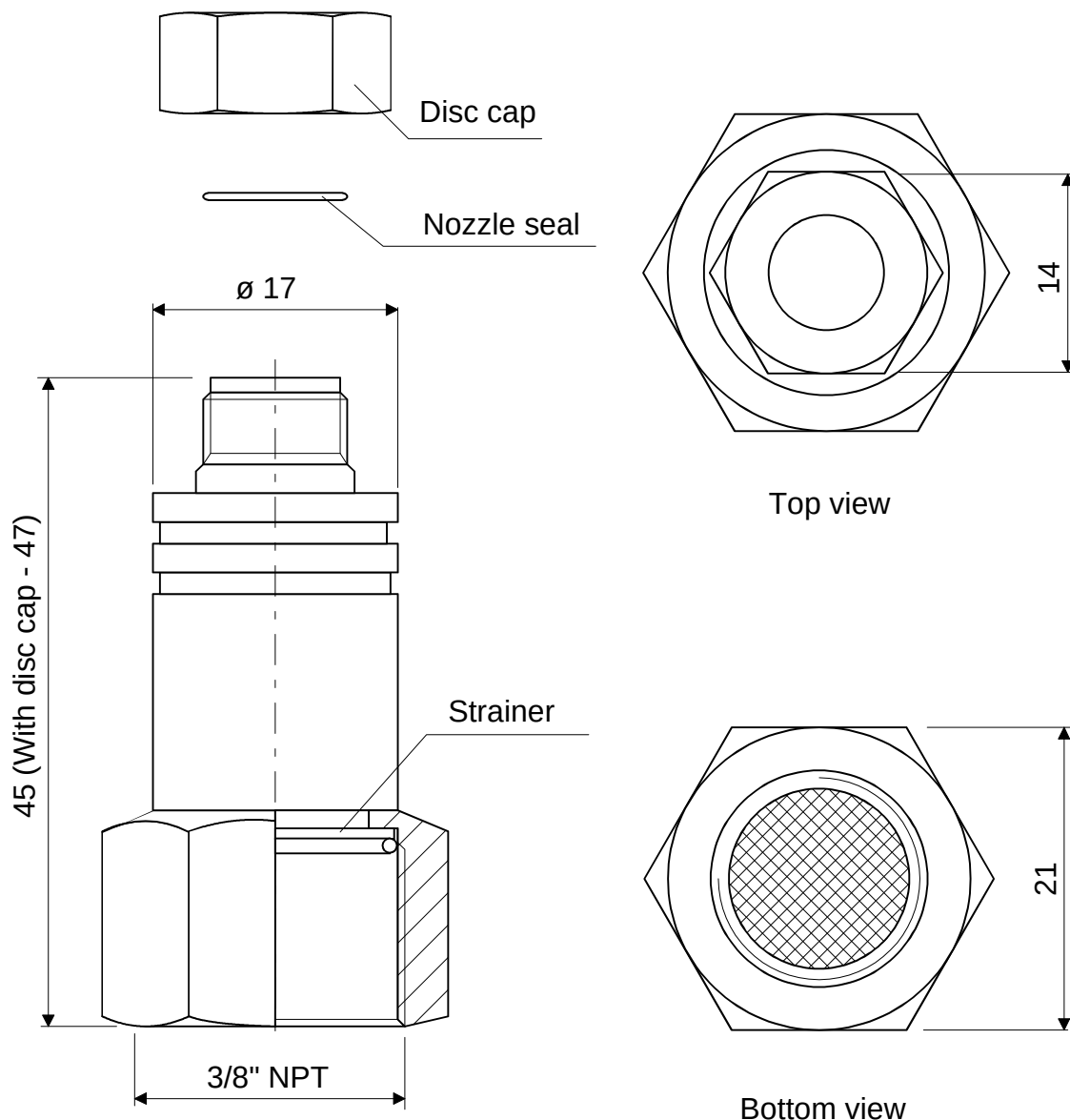
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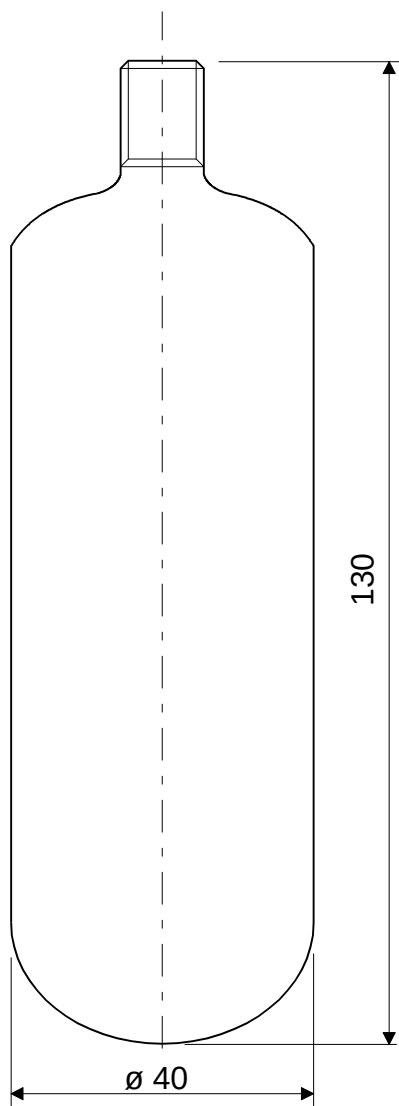




Material housing: Brass, nickle plated
 Material strainer: Stainless steel
 Weight: 0,06 Kg
 Flow factor: 2

Material:	Kidde Wet Chemical System	Autronica Fire and Security AS Division Maritime Industriveien 7, 3430 Spikkestad, Norway Phone: + 47 31 29 55 00, Fax: + 47 31 29 55 01 e-post: info@autronicafire.no
Brass		
Data Sheet No.	Nozzle type "F"	 
188350-PDS-A		

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**NOTE:**

For testing, use test cartridge, part number 188910

Material: Steel

Weight: 0,15 Kg

Pressure: 186 Bar

Material:

Kidde Wet Chemical System

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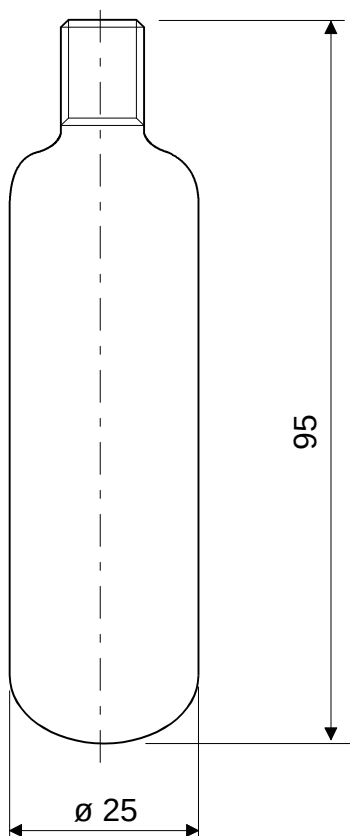
Data Sheet No.

188900-PDS-A

Nitrogen cartridge

XV Contro system

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**NOTE:**

Replace immediately after successful testing
with system cartridge, part number 188900

Material: Steel

Weight: 0,07 Kg

Pressure: 186 Bar

Material:

Data Sheet No.

188910-PDS-A

Kidde Wet Chemical System

Nitrogen test cartridge
XV Contro system

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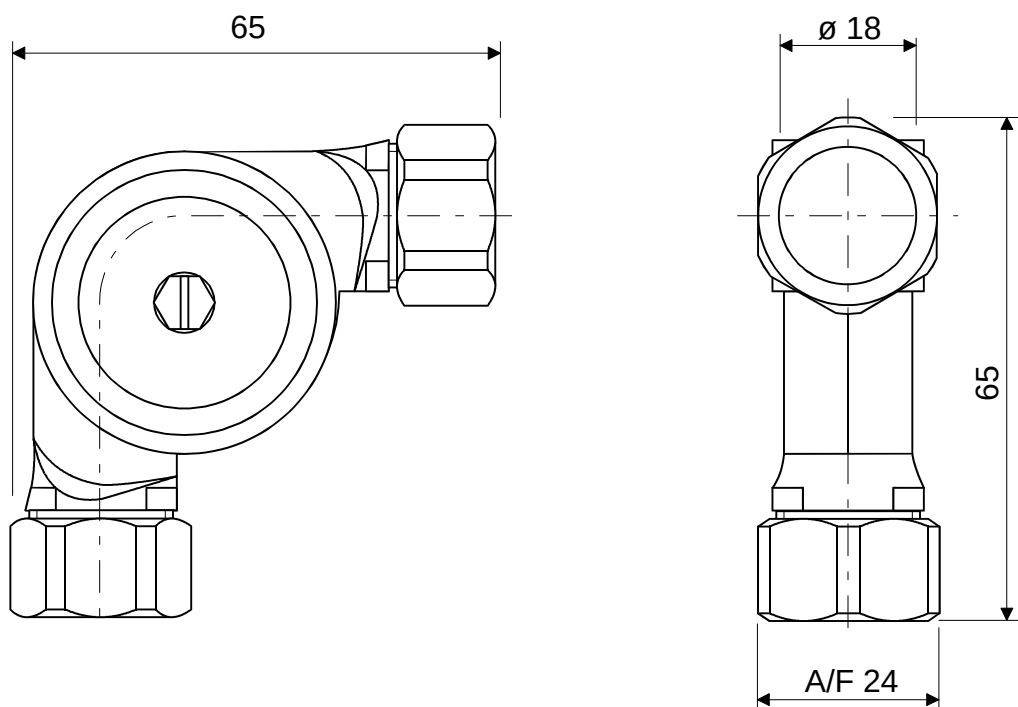
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Material housing: Cast aluminium
Material pulley wheel: Steel ball bearing
End connections: 18 mm compression coupling
Weight: 0,10 Kg

Material:

Cast aluminium

Data Sheet No.

188600-PDS-A

Kidde Wet Chemical System

Corner pulley

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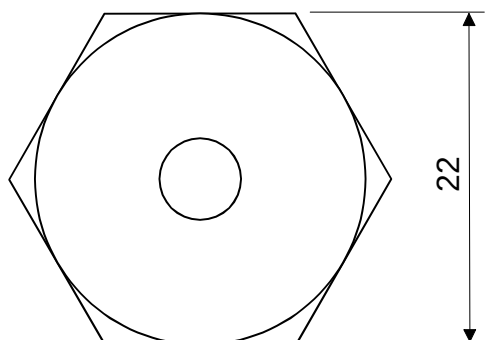
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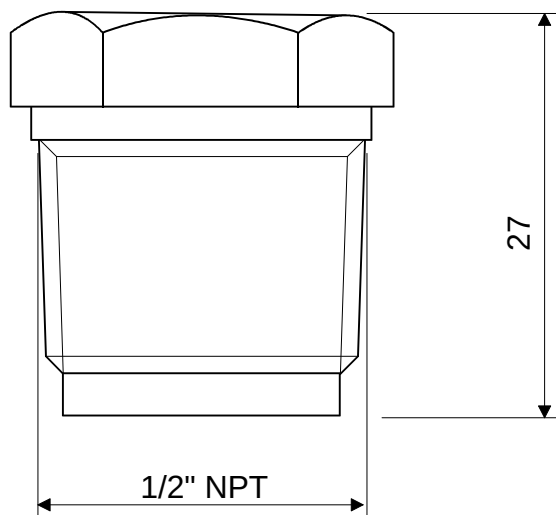
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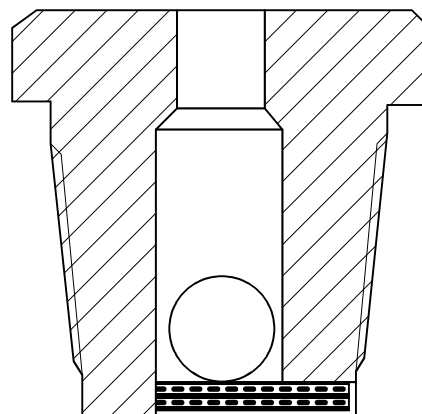




Top view



Side view



Section

NOTE:

To be mounted nearby the cylinder,
facing either upwards or against the bulkhead.

Material: Brass

Weight: 0,050 Kg

Material:

Brass

Data Sheet No.

188150-PDS-A

Kidde Wet Chemical System

Vent plug 1/2" NPT

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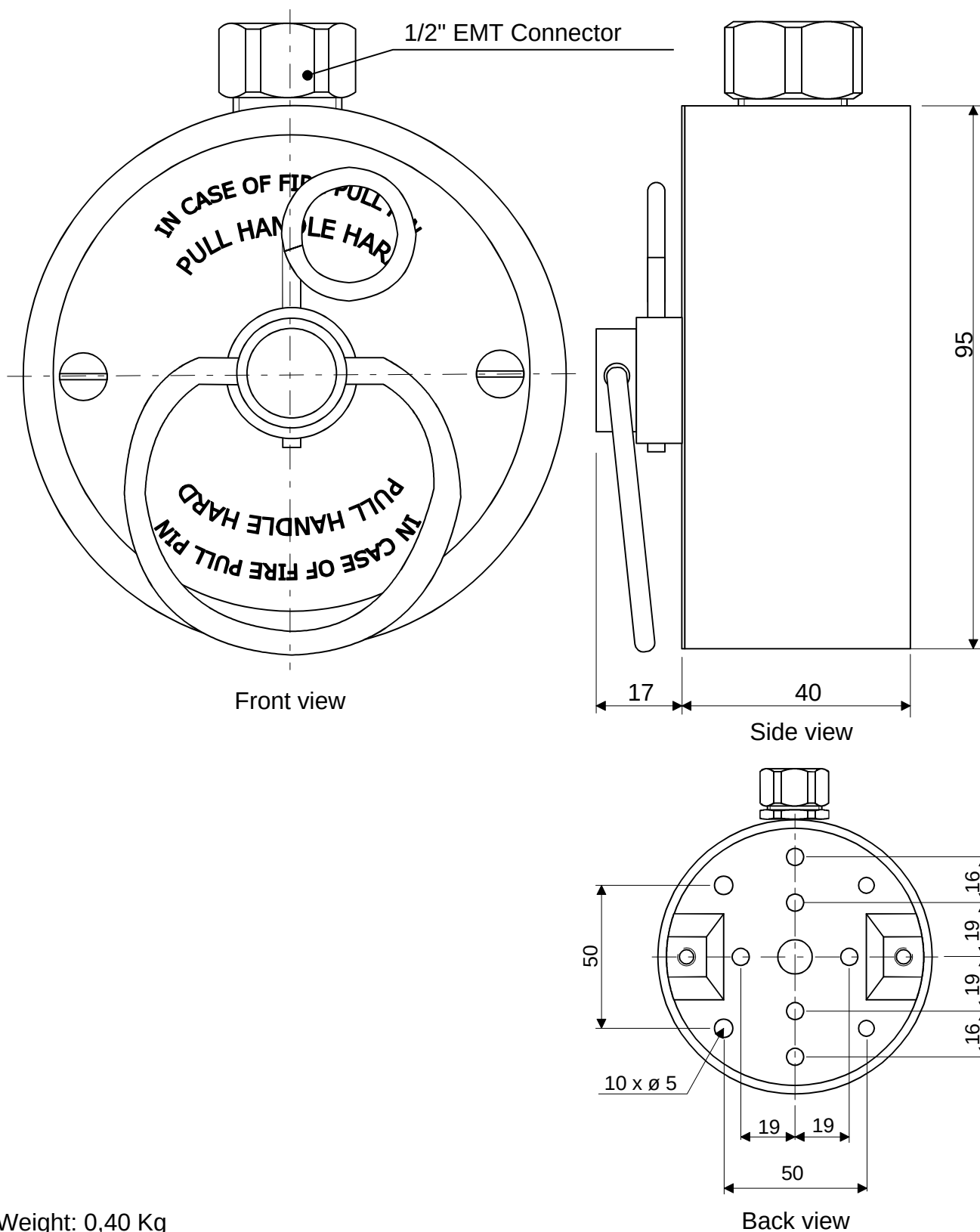
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Weight: 0,40 Kg

Material:

Aluminium

Data Sheet No.

188550-PDS-A

Kidde Wet Chemical System

Manual release pull station

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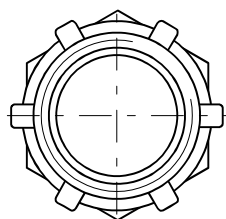
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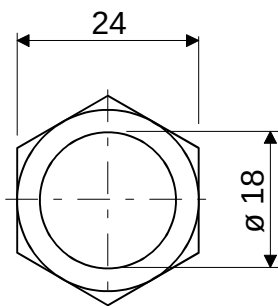
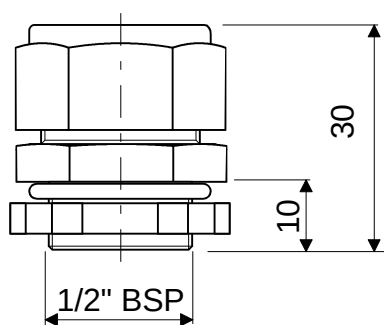
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Bottom view



Top view

Compressing nut

Compressing ring

Housing

O-Ring

Nut

Weight: 0,07 Kg

Material:

Aluminium

Data Sheet No.

188475-PDS-A

Kidde Wet Chemical System

EMT Connector 1/2"

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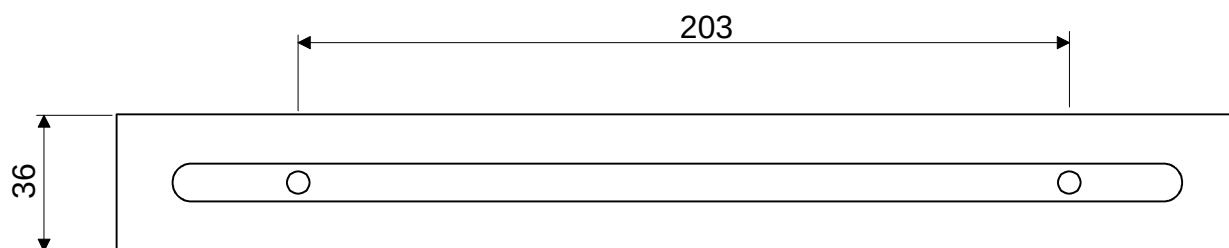
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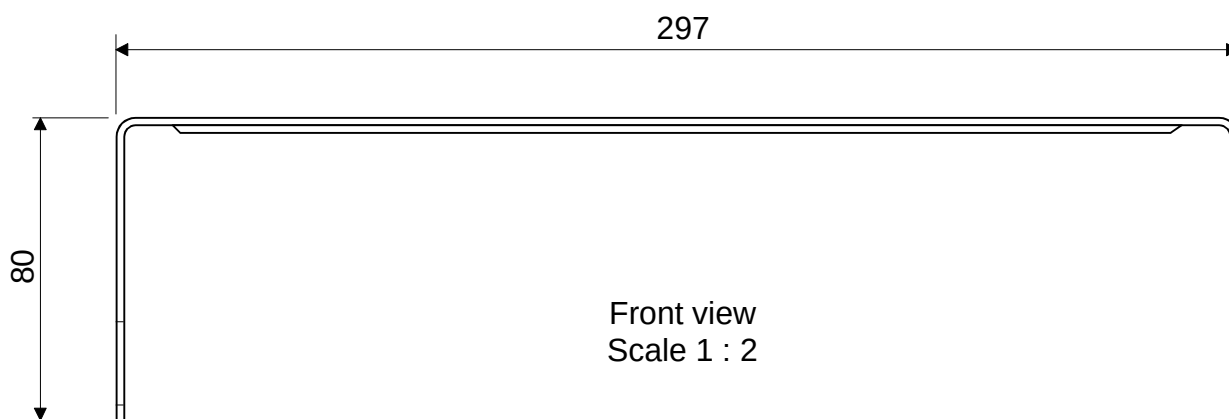
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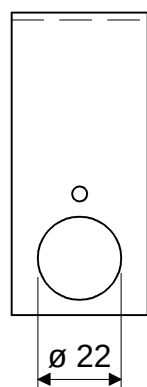




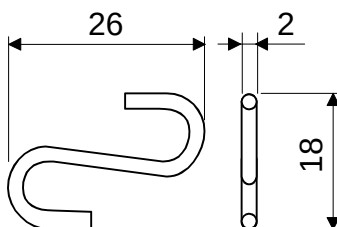
Top view
Scale 1 : 2



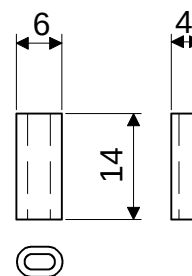
Front view
Scale 1 : 2



Side view
Scale 1 : 2



S-Hook
Scale 1 : 1



Wire crimp sleeve
Scale 1 : 1

Finish: Plated
Weight: 0,40 Kg

1 Set consist of: 1 Off Bracket
2 Off S-Hook
2 Off Wire crimp sleeve

Material:

Steel

Data Sheet No.

188450-PDS-A

Kidde Wet Chemical System

Link housing kit

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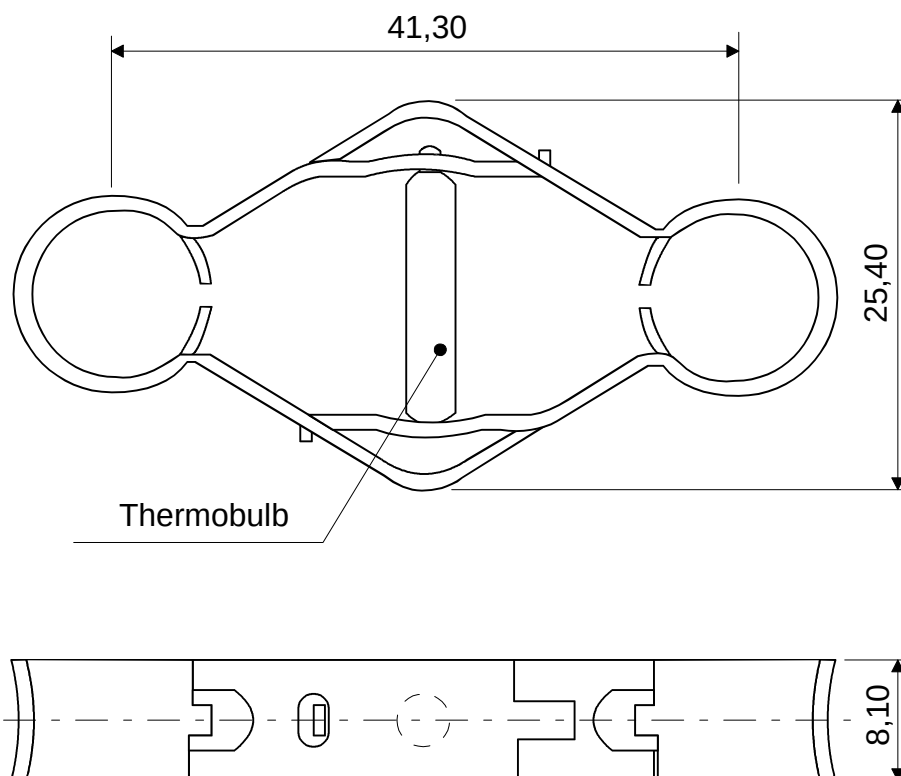
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Part number	Type	DG F	DG C	Bulb color
188500	KGR-212	212	100	Green
188502	KGR-286	286	141	Blue
188504	KGR-360	360	182	Mauve
188506	KGR-450	450	232	Black
188508	KGR-500	500	260	Black

Material:

Steel

Data Sheet No.

18850X-PDS-A

Kidde Wet Chemical System

Rapid response link
Thermobulb type

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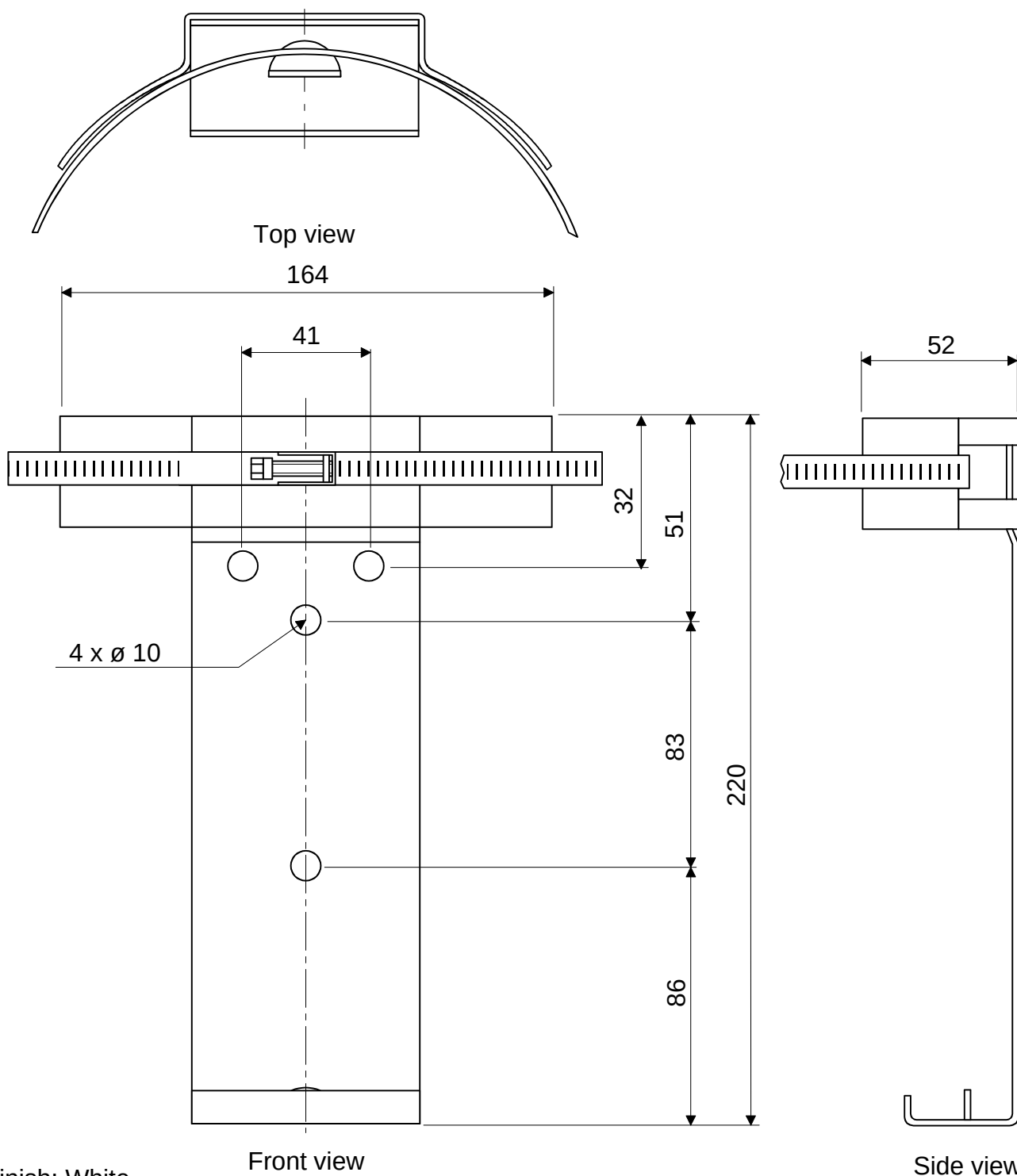
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Finish: White
Strap: Stainless steel
Weight: 0,50 Kg

Material:

Steel

Data Sheet No.

188250-PDS-A

Kidde Wet Chemical System

WHDR-125 Mounting bracket

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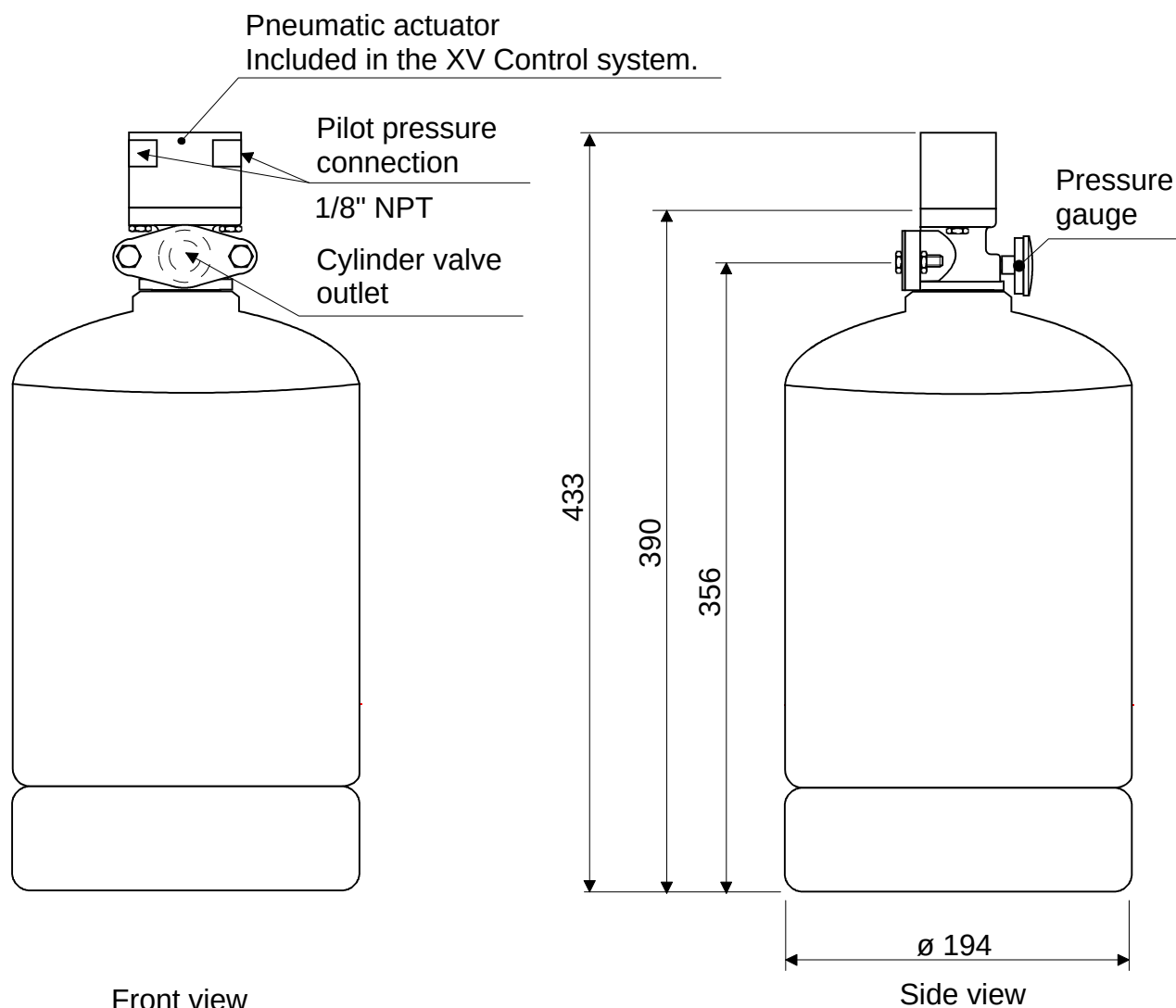
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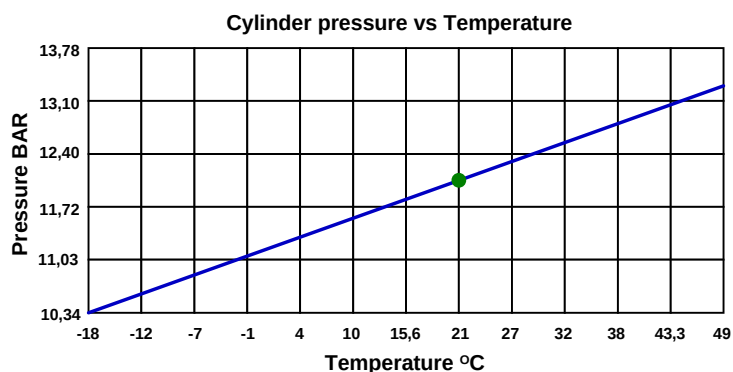
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Cylinder: Welded steel
 Finish: White
 Cylinder pressure: 12,05 Bar/21 °C
 Propellant gas: Nitrogen
 Weight: 12,9 Kg
 Capacity: 4,70 litre
 Cylinder valve: Brass, plated
 Operation: Pneumatic
 Pressure gauge: Steel



Material:

Steel

Data Sheet No.

188025-PDS-A

Kidde Wet Chemical System

Cylinder WHDR-125
with pneumatic actuator

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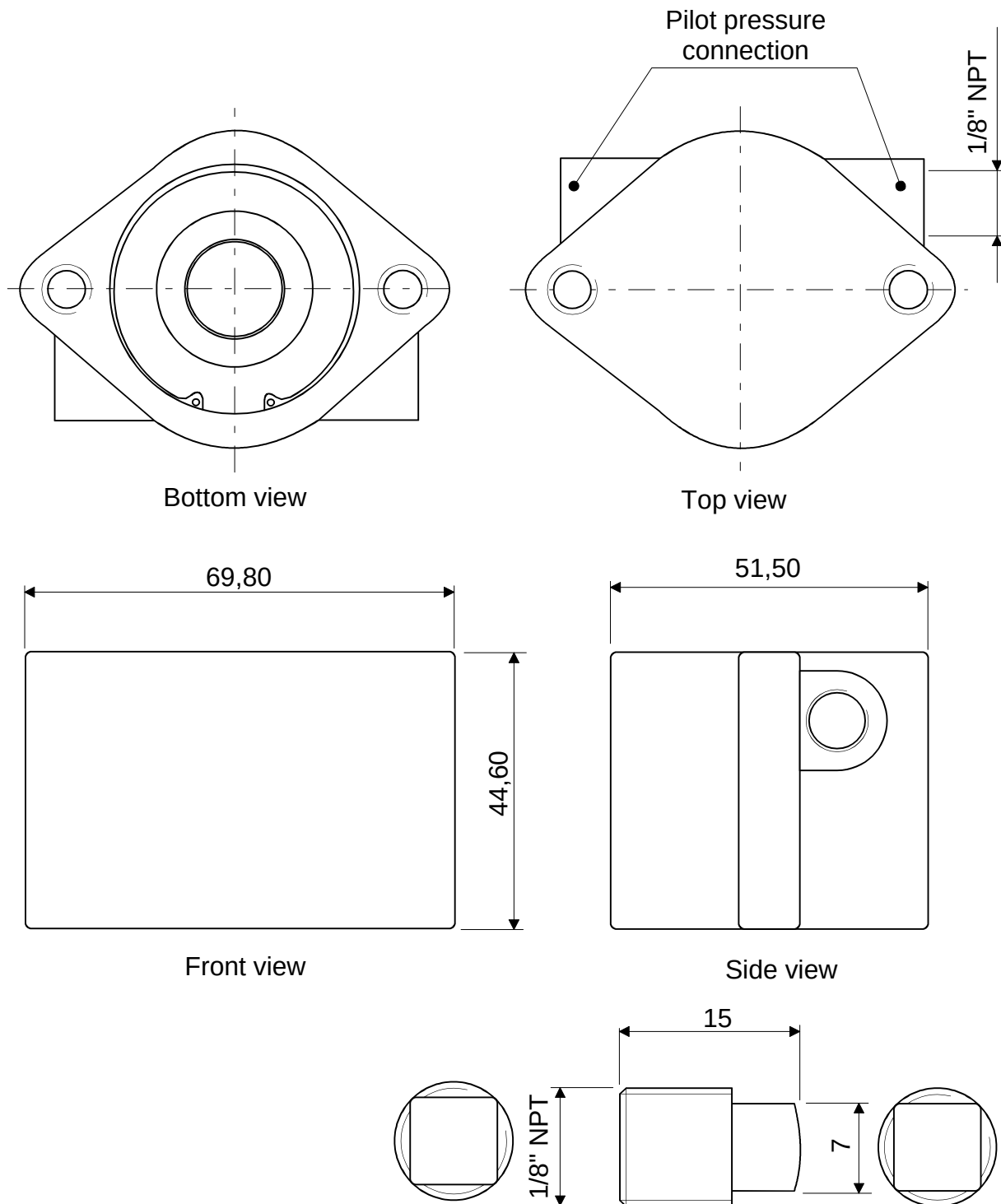
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Weight: 0,720 Kg
 Finish: Crome plated
 Operating pressure: 200 Bar
 Operating medium: Nitrogen

1/8" NPT Blind plug.
 Plug the free port on the actuator
 on the last cylinder

Material:

Brass

Data Sheet No.

188110-PDS-A

Kidde Wet Chemical System

Actuator pneumatic for
 XV Control system

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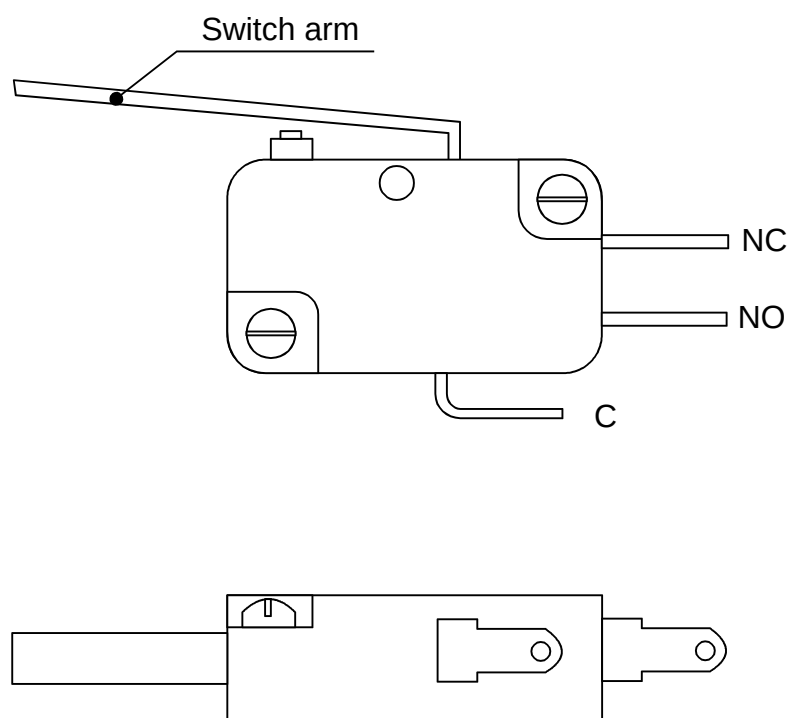
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Switch contacts: Brass
Contact rating 125/250 VAC : 20,5 Amp
Contact rating 24 VDC: 9 Amp

Material:

Plastic

Data Sheet No.

188920-PDS-A

Kidde Wet Chemical System

Switch micro SPDT
for XV Control system

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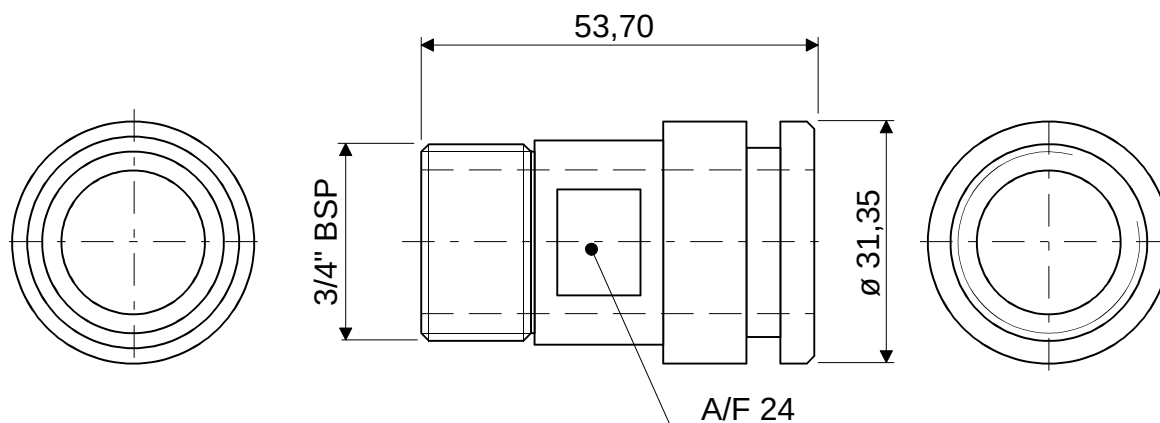
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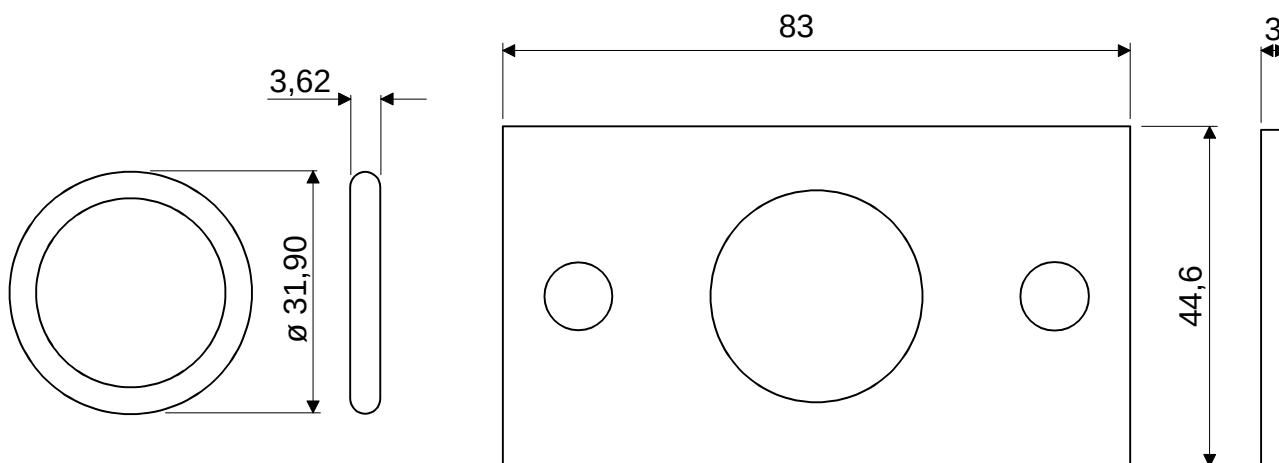
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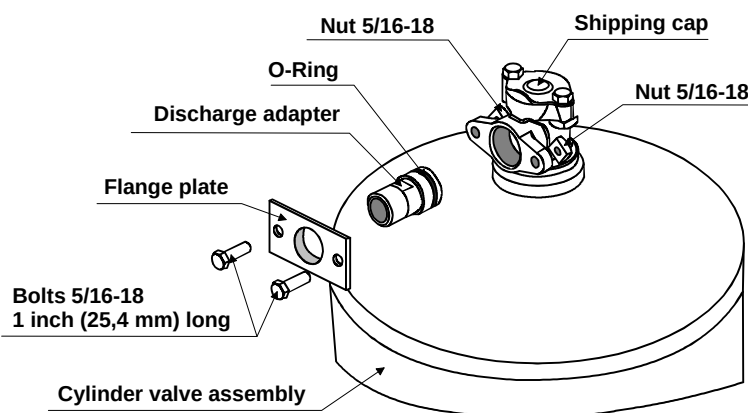
Discharge adapter



O-Ring

Flange plate

Material discharge adapter: Brass
 Material flange plate: Steel
 Finish flange plate: Plated
 Material O-Ring: Neoprene
 Weight: 0,22 Kg



Material:

Kidde Wet Chemical System

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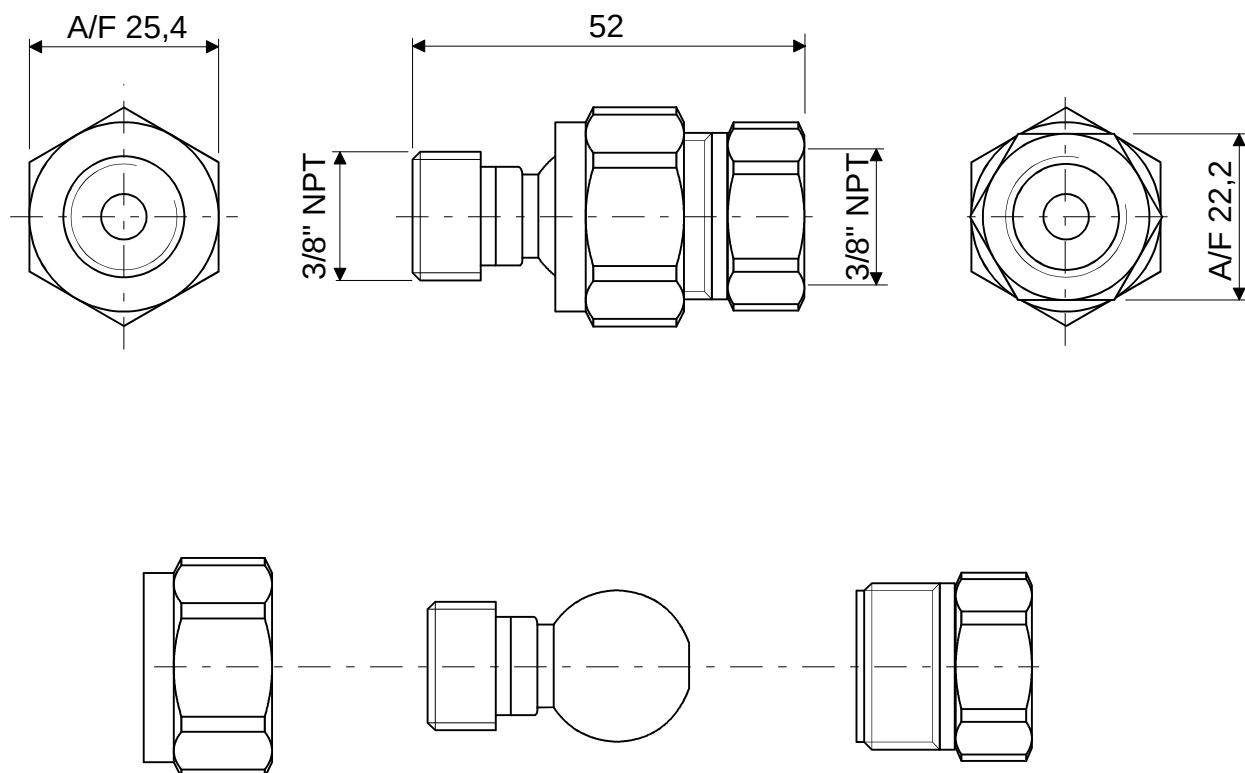
Data Sheet No.

Discharge adapter kit



188100-PDS-A

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Finish: Chrome plated
Weight: 0,10 Kg

Material:

Brass

Data Sheet No.

188400-PDS-A

Kidde Wet Chemical System

Swivel adapter 3/8"
for nozzles

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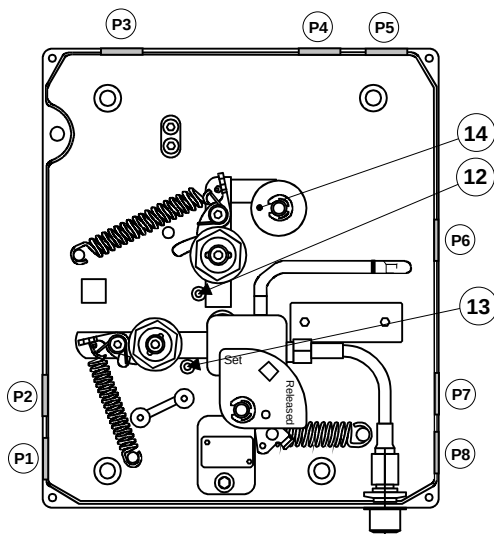
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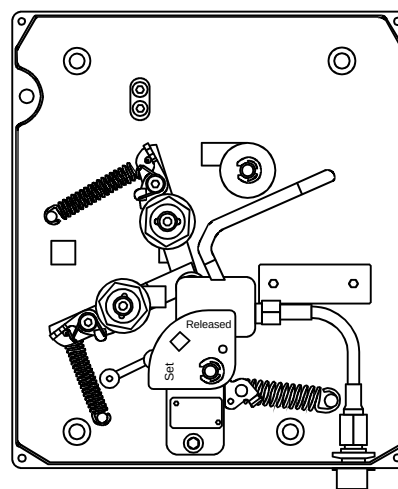
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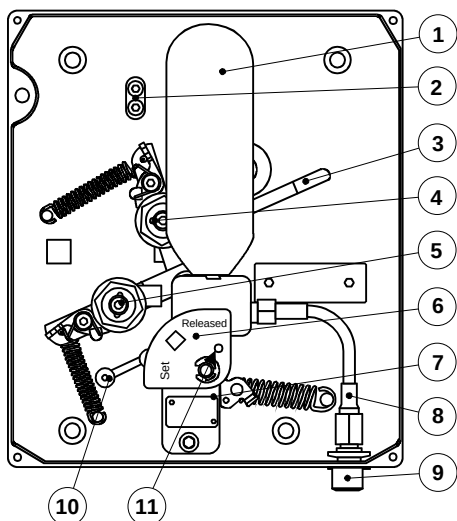




Internal view with cartridge removed, set position



Internal view with cartridge removed, released position



P1	Cable entry high mounted micro switch
P2	Cable entry low mounted micro switch
P3	Entry for wire from detection line no. 1
P4	Entry for wire from detection line no. 2 top port
P5	Entry for wire from manual pull to release station
P6	Entry for wire from detection line no. 2 side port
P7	Cable entry for electrical solenoid.
P8	Entry machanical gas valve port.

14	Pulley wheel for detection line no. 2
13	Lock-out pad for detection line no. 1
12	Lock-out pad for detection line no. 2
11	Port for lock-out pin.
10	Bracket for deep mount micro switch.
9	1/8" NPT High pressure nitrogen outlet. (DO NOT REMOVE)
8	Internal high pressure nitrogen line. (DO NOT REMOVE)
7	Micro switch high mount
6	Status / setting flag for cam.
5	Spool and ratchet for detection line no. 1
4	Spool and ratchet for detection line no. 2
3	Latch and lever for manual pull to trip (wire release)
2	Storage pad for lock-out screws
1	Nitrogen cartridge - 186 Bar at 35 dg.C
Item	Description

Weight: 5,9 Kg
Actuation: Nitrogen cartridge
Finish: Natural

Material:

Cast Aluminium

Data Sheet No.

188300-PDS-A-002

Kidde Wet Chemical System

XV Control System
Internal view

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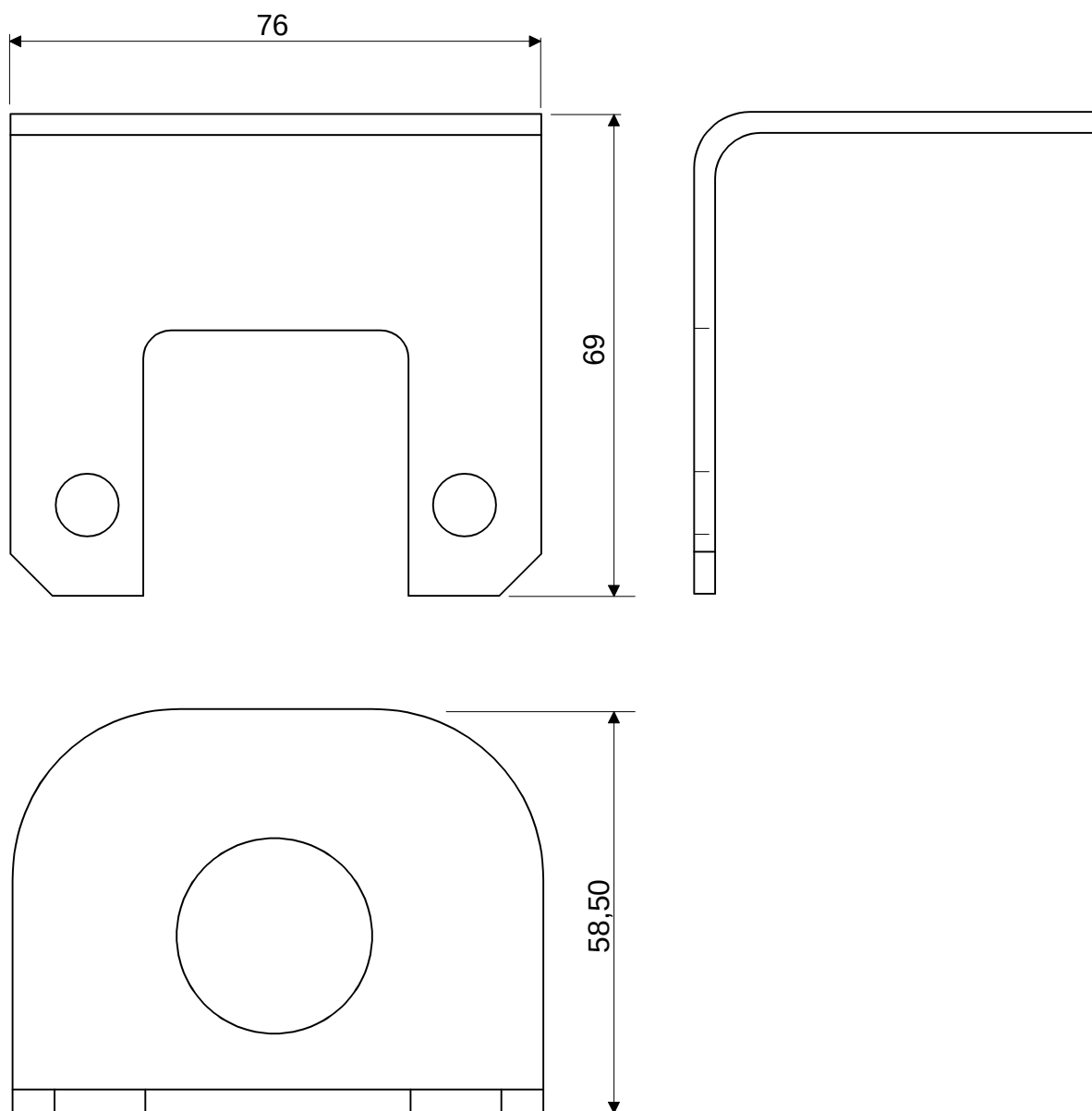
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Finish: Chrome plated
Weight: 0,15 Kg

Material:

Steel

Data Sheet No.

188200-PDS-A

Kidde Wet Chemical System

Gauge shield

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