

**BOCCIOLONE
ANTINCENDIO**

**FIRE FIGHTING
EQUIPMENT SINCE 1898**

**PRODUCT CATALOGUE
2022**

The Company

Bocciolone Antincendio was founded in 1898 and has been awarded historical company by Italian Chamber of Commerce.

Bocciolone is today a solid and expanding company with Italian head and heart but with global focalization.

Bocciolone develops and manufactures components for firefighting installation and hose systems. We are leading Italian manufacturer for civil and industrial installations with a long tradition of manufacturing in Italy. Over the time we have improved and increased our production capacity to offer a complete range of accessories for firefighting equipment such as hose systems, pillar and underground hydrants, nozzles, marine equipment, sprinkler alarm valves, and couplings following different national standards.

In 2019 the relevant acquisition of Rack System took place and today we own some important brands in this business field (Bocciolone, Rigeff and Rack System).

Our 4 plants are all established in Italy to allow us to ensure real compliance with quality standards imposed not only by international regulations but also by specific corporate choices. Control is effective and monitored in-house on 100% of production process.

The production facilities are located in Piemonte between Milan and Turin and here our strategies are defined, involving business agreements in Europe and other countries.

Economic growth, technological development, pursuit of quality, on-going research, project design activities, the strong presence in European markets are the key elements that have guided and still guide Bocciolone policies today.

Our ability to do research, invest in processes and develop unique state-of-the-art solutions in a world of ever-evolving expertise make clear our true “Made in Italy” spirit that pervades everything we do towards new future goals.



BIM Objects Library



Free Autodesk Revit® BIM objects.

Bocciolone Antincendio has built its own BIM library with more than 70 families of available objects, by using native modeling system in order to contain all the technical information required to build a project and make the related hydraulic calculations.

You can download files from following websites:

bimobject®

<https://www.bimobject.com/it/bocciolone-antincendio>



Skeinforce
THE CONSTRUCTION NETWORK

<https://skeinforce.com/bim/company/Bocciolone>



index

MANUAL FIRE HOSE REELS	5
FIRE HOSE SYSTEMS WITH LAY-FLAT HOSE	15
CABINETS FOR FIRE FIGHTING AND SAFETY EQUIPMENT	19
LAY FLAT FIRE HOSES	23
FIRE FIGHTING FITTINGS AND COUPLINGS	27
NOZZLES AND FIRE VALVES	39
ACCESSORIES FOR FIRE EXTINGUISHERS	47
PILLAR AND UNDERGROUND HYDRANTS	51
CAST IRON VALVES	59
AUTOMATIC SPRINKLER SYSTEMS	63
WATER/FOAM SYSTEMS AND DEVICES, FLOW METERS	81

MANUAL FIRE HOSE REELS



Manual fire hose reel is a firefighting device consisting of a reel connected to water supply through a ball valve adjacent to the reel, semi-rigid hose and shut off nozzle. It is designed to be used as a quick-response method by anyone to fight fires in their early stages. Hose Reels are suitable for Class A fires: Paper, Textiles, Wood, most Plastics and Rubber.

Bocciolone Antincendio can supply two models of hose reel:

- Fixed type with hose guide: hose reel capable only of rotating in one plane with a hose guide adjacent to the reel.
- Swinging type: hose reel capable of rotating in more than one plane and mounted on a swinging arm.

Fire Hose Reels are easy to use and provide a virtually unlimited supply of water, as they are connected to water supply for fire service use. They are manufactured according to EN 671-1 standard and CE marked.

All Hose Reels require inspection & testing in accordance with EN 671-3 standard.

Semirigid fire hoses

The semirigid fire hose of the hose reel can follow customer's requirements.

Fire hose are manufactured according to EN 694 and can be:

- nitrile / PVC compound i.d. 19 mm and length up to 30 meters or i.d. 25 mm up to 20 meters.



- white semirigid textile hose i.d. 25 mm, and length up to 30 meters. This hose is also available with an outside coating of red resin specially studied to increase the resistance to abrasion.

Nozzles

Bocciolone Antincendio offers a range of Hose Reel Nozzles ideally suited for use on Bocciolone hose tubing (or equivalent), 19mm or 25mm. From full plastic and brass/plastic Jet /Spray Nozzles, Chrome Plated Lever-Operated Jet/Spray Nozzles to professional Aluminum/Nylon nozzles, Bocciolone's range meets the requirements of different standards and applications.

AVAILABLE BRANCHPIPES FOR "CE" MARKED SYSTEMS

Flow rate - K factor - Throw distance

Branchpipe type	Handle position	real K factor	Flow rate		Throw distance	Min. K factor reported from standard
			0,2 MPa	0,4 MPa	@ 0,2MPa	
 Sprayjet DN 19 Ø 7mm	Full jet	24,5	35	49	10,2	22
	Spray jet	24,5	35	49	3,15	
 Starjet DN 25 Ø 8mm	Full jet	33,1	47	66	12,4	28
	Spray jet	30,6	43	61	5,6	
 Starjet DN 25 Ø 9mm	Full jet	44,9	63,5	90	11,25	33
	Spray jet	37,5	53	75	5,04	
 Sprayjet DN 25 Ø 8mm	Full jet	34,9	49	70	11,5	28
	Spray jet	36,7	52	73	4,6	
 Sprayjet DN 25 Ø 10mm	Full jet	42	59	84	11,5	42
	Spray jet	43,2	61	86	3,6	



The swinging hose reels "Rodi" by Giugiaro Design are designed to meet the modern architectural philosophies. The clean, neutral and minimalist shapes turn a system of high safety standard into a piece of furniture to be installed in hotels, theatres, restaurants, showrooms, museums. The neutral colours of the cabinet, interpreted through grey tones, give harmony to the space where they are located.

Possibility of recessed installation with a special "Rodi" cover frame.

80/HG Rodi by Giugiaro design

SWINGING FIRE HOSE REEL FOR INDOOR INSTALLATION EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- "Rodi Giugiaro" fire cabinet with rounded edges, made of carbon steel, grey RAL 7035 polyester powder coating. Dimensions 650 mm height x 700 mm width; depth mm 200 for hoses until 25 m length and 230 mm for 30 m hose. Door made with double shell reinforced thermoforming process, metallic anthracite grey colour with transparent polycarbonate window.
- Semirigid hose according to EN694
- Manual inlet stop ball valve and brass axial inlet device
- Multi-effect shut/full/spray nozzle (see below table for choice)

Possibility of recessed installation with a special "Rodi" cover frame (see "accessories" below table).



*Cover frame for
recessed
installation*

RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
3308CE.080	15	3300F8CE.080	15	3300F10CE.080	15
3309CE.080	20	3301F8CE.080	20	3301F10CE.080	20
3311CE.080	25	3302F8CE.080	25	3302F10CE.080	25
3312CE.080	30	3303F8CE.080	30	3303F10CE.080	30

accessories

COD.	DESCRIPTION
2766.080	Optional 1" MF inlet valve with 0-16 bar pressure gauge
3310.038	RODI Cover frame for recessed installation - dim. 750x800 mm

80/A for indoor installation

SWINGING FIRE HOSE REEL "Basic Line" EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- "Basic Line" fire cabinet with rounded edges, made of carbon steel, red RAL 3000 polyester powder coating. Dimensions 650 mm height x 700 mm width; depth mm 200 for hoses until 25 m length and 250 mm for 30 m hose. Reel made of carbon steel, diameter 535 mm.
- Semirigid hose according to EN694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).
- Aluminium frame with transparent plastic window "FIRE GLASS"



RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1560CE.080	15	0946F8CE.080	15	0946F10CE.080	15
1561CE.080	20	0947F8CE.080	20	0947F10CE.080	20
1562CE.080	25	0948F8CE.080	25	0948F10CE.080	25
1563CE.080	30	0949F8CE.080	30	0949F10CE.080	30

Also available with cabinet white RAL 9016 enamel

80/E for recessed installation

SWINGING FIRE HOSE REEL "Basic Line Slimmy" EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- "Basic Line Slimmy" fire cabinet, made of carbon steel, red RAL 3000 polyester powder coating.
- Cabinet dimensions:
650 x 650 x 180 mm with reel diameter 535 mm for hoses 15 and 20 m length;
720 x 720 x 180 mm with reel diameter 600 mm for hoses 25 and 30 m length.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).
- Aluminium frame with transparent plastic window "FIRE GLASS"



RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1560SE.080	15	0946F8SE.080	15	0946F10SE.080	15
1561SE.080	20	0947F8SE.080	20	0947F10SE.080	20
1562SE.080	25	0948F8SE.080	25	0948F10SE.080	25
1563SE.080	30	0949F8SE.080	30	0949F10SE.080	30

accessories

COD.	DESCRIPTION
2766.080	Optional 1" MF inlet valve with 0-16 bar pressure gauge

80/P for wall or recessed installation



SWINGING FIRE HOSE REEL "Murano Collection" EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- "Murano Slimmy" fire cabinet with rounded edges, metal blind door, made of carbon steel, red RAL 3000 polyester powder coating.

Cabinet dimensions:

650 x 650 x 180 mm with reel diameter 535 mm for hoses 15 and 20 m length;

720 x 720 x 180 mm with reel diameter 600 mm for hoses 25 and 30 m length.

- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).

Suitable for recessed installation combined with optional cover frame (see "accessories" below table)



Cover frame for recessed installation

RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1593MSE.080	15	1585MF8SE.080	15	1585MF10SE.080	15
1594MSE.080	20	1586MF8SE.080	20	1586MF10SE.080	20
1595MSE.080	25	1587MF8SE.080	25	1587MF10SE.080	25
1596MSE.080	30	1588MF8SE.080	30	1588MF10SE.080	30

Also available with cabinet white RAL 9016 enamel

80/316 for outdoor/indoor installation



SWINGING FIRE HOSE REEL "Murano Collection" IN STAINLESS STEEL EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- "Murano" fire cabinet with rounded edges, metal blind door, made of uncoated stainless steel AISI 316. Dimensions 650 mm height x 700 mm width; depth mm 200 for hoses until 25 m length and 250 mm for 30 m hose. Reel made of carbon steel, diameter 535 mm.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).

Painted finish red RAL 3000 on request

RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1593X316CE.080	15	1585X316F8CE.080	15	1585X316F10CE.080	15
1594X316CE.080	20	1586X316F8CE.080	20	1586X316F10CE.080	20
1595X316CE.080	25	1587X316F8CE.080	25	1587X316F10CE.080	25
1596X316CE.080	30	1588X316F8CE.080	30	1588X316F10CE.080	30



accessories

COD.	DESCRIZIONE
2766.080	Optional 1" MF inlet valve with 0-16 bar pressure gauge
3350.038	Red cover frame for "Murano Slimmy" cabinet 650 x 650 mm
3351.038	Red cover frame for "Murano Slimmy" cabinet 720 x 720 mm

80/PE with fire extinguisher place on the side

SWINGING FIRE HOSE REEL "Murano Collection" FOR INDOOR INSTALLATION, EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- "Murano Collection" fire cabinet with rounded edges, two metal blind doors, with compartment for fire extinguisher, made of carbon steel, red RAL 3000 polyester powder coating. Dimensions 650 mm height x 1000 mm width; depth mm 230. Reel made of carbon steel, diameter 535 mm.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).

Suitable for recessed installation combined with optional cover frame (see "accessories" below table)



RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1593MPE.080	15	1585MF8PE.080	15	1585MF10PE.080	15
1594MPE.080	20	1586MF8PE.080	20	1586MF10PE.080	20
1595MPE.080	25	1587MF8PE.080	25	1587MF10PE.080	25
1596MPE.080	30	1588MF8PE.080	30	1588MF10PE.080	30

Also available with cabinet white RAL 9016 enamel

80/VPE with fire extinguisher place at the base

SWINGING FIRE HOSE REEL "Murano Collection" FOR INDOOR INSTALLATION, EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

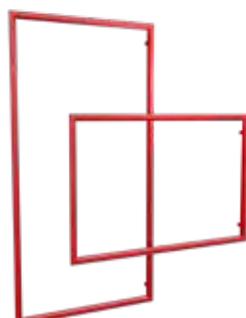
- "Murano Collection" fire cabinet with rounded edges, two metal blind doors, with compartment for fire extinguisher at the bottom, made of carbon steel, red RAL 3000 polyester powder coating. Dimensions 1400 mm height x 700 mm width; depth mm 230. Reel made of carbon steel, diameter 535 mm.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).

Suitable for recessed installation combined with optional cover frame (see "accessories" below table)



RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1593VPE.080	15	1585F8VPE.080	15	1585F10VPE.080	15
1594VPE.080	20	1586F8VPE.080	20	1586F10VPE.080	20
1595VPE.080	25	1587F8VPE.080	25	1587F10VPE.080	25
1596VPE.080	30	1588F8VPE.080	30	1588F10VPE.080	30

Also available with cabinet white RAL 9016 enamel



Cover frames for recessed installation

accessories

COD.	DESCRIPTION
2766.080	Optional 1" MF inlet valve with 0-16 bar pressure gauge
3354.038	Red cover frame - dim. 1040x690 for "Murano" 80/PE cabinet
3356.038	Red cover frame - dim. 1440x740 for "Murano" 80/VPE cabinet

80/Z for wall installation



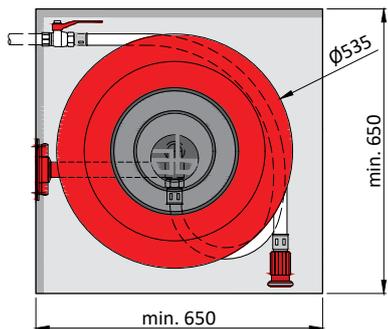
SWINGING FIRE HOSE REEL, WITHOUT CABINET EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- Reel made of carbon steel with red RAL 3000 enamel, diameter 535 mm.
- Wall fixing plate and straight support arm in red coated steel.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).

RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1560Z.080	15	0946F8Z.080	15	0946F10Z.080	15
1561Z.080	20	0947F8Z.080	20	0947F10Z.080	20
1562Z.080	25	0948F8Z.080	25	0948F10Z.080	25
1563Z.080	30	0949F8Z.080	30	0949F10Z.080	30

80/ZN for installation in wall recess

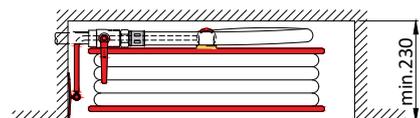


SWINGING FIRE HOSE REEL, WITHOUT CABINET EN 671-1 - CE MARKED CERT. N. 0497-CPR-171

Supplied with:

- Reel made of carbon steel with red RAL 3000 enamel, diameter 535 mm.
- Wall fixing plate and curved support arm in red coated steel.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Multi-effect shut/full/spray nozzle (see below table for choice).

RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1560ZN.080	15	0946F8ZN.080	15	0946F10ZN.080	15
1561ZN.080	20	0947F8ZN.080	20	0947F10ZN.080	20
1562ZN.080	25	0948F8ZN.080	25	0948F10ZN.080	25
1563ZN.080	30	0949F8ZN.080	30	0949F10ZN.080	30



Minimum recommended dimensions for the niche 650x650mm for a depth of 230mm.

715 frame with door for recessed installation

FRAME WITH DOOR FOR HOSE REEL RECESSED INSTALLATION "Uniform"

For the installation of a fire hose reel in a wall recess, complete with a polyester painted steel door, frame with holes for dowels not visible, sealable handle. Versions with "Fire Glass" transparent sheet or blind door.



COD.	DESCRIPTION	EXTERNAL DIMENSIONS HxW	OPENING HxW
4305N.715	With transparent unbreakable sheet	750x800 mm	700x750 mm
4305CN.715	With blind door	750x800 mm	700x750 mm

Also available white RAL 9016 on request

80/F for wall installation



WALL FIXED TYPE FIRE HOSE REEL EN 671-1. CE MARKED. CERTIFICATE N. 0497-CPR-170

Supplied with:

- Reel in red RAL 3000 coated steel, diameter 535 mm.
- Omega wall support in red coated steel.
- Semirigid hose according to EN 694.
- Manual inlet stop ball valve and brass axial inlet device.
- Hose guide.
- Multi-effect shut/full/spray nozzle (see below table for choice).

RED PVC DN 19 mm hose SPRAYJET nozzle Ø 7 K 22		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 8 K 28		WHITE DN 25 mm semirigid hose SPRAYJET nozzle Ø 10 K 42	
					
COD.	m.	COD.	m.	COD.	m.
1560CEF.080	15	0946F8CEF.080	15	0946F10CEF.080	15
1561CEF.080	20	0947F8CEF.080	20	0947F10CEF.080	20
1562CEF.080	25	0948F8CEF.080	25	0948F10CEF.080	25
1563CEF.080	30	0949F8CEF.080	30	0949F10CEF.080	30

80/W self-standing



FIXED TYPE "SELF-STANDING" FIRE HOSE REEL EN 671-1. CE MARKED. CERTIFICATE N. 0497-CPR-170

Supplied with:

- Reel in red RAL 3000 coated steel, diameter 535 mm.
 - Semirigid hose approved to EN 694, white DN 25 mm.
 - Multi-effect shut/full/spray nozzle.
 - Manual inlet stop valve and axial inlet device.
 - Steel column with floor fixing plate, RAL 3000 red polyester coating.
- Total height 1500 mm

WHITE DN 25 mm semirigid hose - SPRAYJET nozzle Ø 8 K 28	
	
COD.	m.
1509CE.080	15
1510CE.080	20
1511CE.080	25
1512CE.080	30

251/E double support for cabinet



Made from steel with RAL 3000 red polyester coating or AISI 304 stainless steel. Height 750 mm to floor. Diameter of pipes is 90 mm.

Base plate 695x215 mm with hidden welding, top plate dimensions as specified below.

COD.	DESCRIPTION	Dim (mm)
0317.251	Red painted carbon steel steel for fire reel cabinet	695x195
0317X.251	Stainless steel for fire reel cabinet - not painted	695x195
0317XV.251	Stainless steel for fire reel cabinet - red painted	695x195

629 valve with pressure gauge



1" GAS fire valve with gauge connection, 0-16 bar gauge and 70 cm length of semirigid hose to connect to hose reel. Assembly to replace the standard ball valve and connecting hose to the reel.

COD.	DESCRIPTION
2765.629	1" valve + pressure gauge + reel connecting hose assembly
2563.005	1" GAS male x female fire valve with connection for gauge
M60861	Pressure gauge 0-16 bar with 1/4" connection

The standard hose reels can be requested with the valve with pressure gauge instead of the standard ball valve. Order code is 2766.080 - OPTIONAL 1" M X F VALVE WITH PRESSURE GAUGE

209 semirigid hose for swinging reel connection



CE SPARE PART

Length of semirigid hose to connect the reel to the valve

COD.	DESCRIPTION	Length (mt)
2531.209	White DN 25 semirigid hose	1,1
2530.209	Red DN 25 semirigid hose	1,1

83/C elbow support for reel drum



CE SPARE PART

Part of the axial inlet device.

COD.	DESCRIPTION
8516.083	For all models

182 ball valve for hose reel



CE SPARE PART

Inlet stop ball valve for connecting the hose reel to the water supply

COD.	DESCRIPTION
1978.182	Ball valve M 1" x F 1"



30/F white semi-rigid hose

White semi-rigid fire hose EN 694

Jacket: polyester yarn with interlaced polyester monofilament.
Inner lining: vulcanized rubber (EPDM).

COD.	DESCRIPTION	WORKING PRESSURE	BURST PRESSURE
0789.030	Hose DN 25 mm	1,5 MPa	5,0 MPa



30/G red semi-rigid hose

Red semi-rigid fire hose EN 694

Jacket: polyester yarn with interlaced polyester monofilament.
Inner lining: vulcanized rubber (EPDM).
With red PU outside coating.

COD.	DESCRIPTION	WORKING PRESSURE	BURST PRESSURE
0127.030	Hose DN 25 mm	1,5 MPa	5,0 MPa



30/S red PVC hose

Red PVC semi-rigid fire hose EN 694

Inside/outside: extrusion PVC/NBR compound, with single bread textile reinforcement.

COD.	DESCRIPTION	WORKING PRESSURE	BURST PRESSURE
0780B.030	Hose DN 19 mm	1,5 MPa	5,0 MPa

FIRE HOSE SYSTEMS WITH LAY-FLAT HOSE



Fire Hose System is a firefighting device consisting essentially of cabinet, hose support, manual stop valve, lay-flat hose with couplings, multi-effect nozzle.

Hose Reels are suitable for Class A fires: Paper, Textiles, Wood, most Plastics and Rubber.

They are manufactured according to EN 671-2 standard and CE marked.

Bocciolone Antincendio provides many different types of hose systems.

Fire cabinets

Different types of fire cabinets are designed for recessed or wall surface mounting, either for indoor and outdoor installation. Available also some models with additional space for fire extinguisher.

The different application solutions have been developed to combine high performance and safety product with a modern design employable in almost every situation.

The cabinets are made of carbon steel with polyester coating, stainless steel or polypropylene.

Coupled lay-flat hoses

Fire hoses for fixed firefighting systems are manufactured according to EN 14540.

Lay flat fire hoses can be assembled with couplings according to many national standard such as STORZ (German), DSP (French), UNE (Spanish), BS 336 (British), NH (U.S.A.), GOST (Russian), etc...

The different types, sizes and materials available are listed in the appropriate sections of the catalogue.



The hose lengths employed are usually 15, 20, 25, 30 m.

Branchpipes

Different models of branchpipes are available: Brass/Plastic and Light Alloy Lever-Operated nozzles, Jet/Spray Turn-Operated plastic nozzles. Branchpipes for fixed firefighting systems are manufactured according to EN 671-2 standard.

Fire valves

Fire valves are provided with hose connection according to applicable national standard. See the appropriate section of the catalogue.

AVAILABLE BRANCHPIPER FOR "CE" MARKED SYSTEMS

Flow rate - K factor - Throw distance

Branchpipe type	Handle position	real K factor	Flow rate		Throw distance @ 0,2MPa	Min. K factor reported from standard
			0,2 MPa	0,4 MPa		
 Starjet Ø 12mm	Full jet	93,9	133	188	13,6	72
	Spray jet	75,1	106	150	5,6	
 Industrialjet Ø 12mm	Full jet	82,5	117	165	14,85	72
	Spray jet	82,5	117	165	6,12	
 Starjet Ø 13mm	Full jet	101,2	143	202	18,9	85
	Spray jet	85	120	170	5,94	
 Longjet-C Ø 12 mm	Full jet	103	145	206	14,80	72
	Spray jet	93	131	186	6,80	
 Longjet-V Ø 13mm	Full jet	91,8	130	184	15,1	85
	Spray jet	88,9	126	178	5,85	



The hose system cabinets "Rodi" by Giugiaro Design are designed to meet the modern architectural philosophies. The clean, neutral and minimalist shapes turn a system of high safety standards into a piece of furniture to be installed in hotels, theatres, restaurants, showrooms, museums. The neutral colours of the cabinets, interpreted through grey tones, give harmony to the space where they are located.

2/NG Rodi Line by Giugiaro Design



FIRE HOSE SYSTEM FOR INDOOR - WALL INSTALLATION

Supplied with:

- "Rodi Giugiaro" fire cabinet with rounded edges, made of carbon steel, grey RAL 7035 polyester powder coating. Door made with double shell reinforced thermoforming process, metallic anthracite gray color with transparent polycarbonate insert.
- Coupled lay-flat hose according to EN 14540
- Multi-effect shut/full/spray nozzle.
- Fire valve
- Lay-flat hose support

COVER
FRAME



CABINET COD.	DESCRIPTION	H x W x D (mm)
1803.036	Rodi Giugiaro for DN 38-45-52 lay-flat fire hose	650 x 370 x 180

Possibility of recessed installation with a special Rodi cover frame

COD.	DESCRIPTION
3314.038	Rodi Cover frame for recessed installation of fire cabinet



36/Z-PL-O Poly Line



FIRE HOSE SYSTEM FOR WALL INSTALLATION

Supplied with:

- Fire cabinet Poly Line. Available in carbon steel with red RAL 3000 enamel, AISI 304 stainless steel or red polypropylene. Transparent polycarbonate door with polyamide hinges.
- Coupled lay-flat hose according to EN 14540
- Multi-effect shut/full/spray nozzle.
- Fire valve
- Lay-flat hose support

CABINET COD.	DESCRIPTION	H x W x D (mm)
4352.036	Poly Line Steel - Body made of carbon steel, red RAL 3000 polyester powder coating	615 x 400 x 220
4353.036	Poly Line INOX - Body made of AISI 304 stainless steel not coated	615 x 400 x 220
4350.036	Poly Line Plastic - Body made of red polypropylene (suitable only for indoor installation)	645 x 425 x 200

36/D Poly-EXT Line



FIRE HOSE SYSTEM FOR INDOOR - WALL INSTALLATION

Supplied with:

- Compact fire cabinet Poly-EXT made of polypropylene, door with window glass and integrated hose support.
- Coupled lay-flat hose according to EN 14540
- Multi-effect shut/full/spray nozzle.
- Fire valve



CABINET COD.	DESCRIPTION	H x W x D (mm)
4360.036	Poly-EXT - Made of polypropylene	515 x 370 x 195

2/RL Murano with hose reel



FIRE HYDRANT WITH HOSE REEL "Murano"

Supplied with:

- "Murano" steel cabinet with rounded edges, metal blind door or window door. Available in red RAL 3000 or white RAL9016 enamel. Reel diameter 425 mm.
- Coupled lay-flat hose according to EN 14540
- Multi-effect shut/full/spray nozzle
- Fire valve

CABINET COD.	DESCRIPTION	HxWxD (mm)
0261.036	Murano with hose reel	550 x 630 x 160



2/S-SX Murano Industrial



FIRE HOSE SYSTEM FOR WALL OUTDOOR INSTALLATION

Supplied with:

- "Murano Industrial" all-metal cabinet for outdoor installation. Available in galvanized steel with red RAL 3000 enamel or AISI 316 stainless steel to provide long lasting protection even in aggressive environments. Metal door with metal handle and hinges.
- Coupled lay-flat hose according to EN 14540
- Multi-effect shut/full/spray nozzle
- Fire valve
- Lay-flat hose support

CABINET COD.	DESCRIPTION	H x W x D (mm)
4370.036	Murano Industrial - galvanized steel - red	560 x 480 x 230
4371.036	Murano Industrial INOX - stainless steel AISI 316	560 x 480 x 230

2/PE Murano with fire extinguisher place



FIRE HOSE SYSTEM FOR WALL INSTALLATION

Supplied with:

- "Murano" steel cabinet with fire extinguisher place. Available in red RAL 3000 or white RAL9016 enamel.
- Coupled lay-flat hose according to EN 14540
- Multi-effect shut/full/spray nozzle
- Fire valve
- Lay-flat hose support

CABINET COD.	DESCRIPTION	H x W x D (mm)
3370.0366	Murano with fire extinguisher place	640 x 700 x 200

CABINETS FOR FIRE FIGHTING AND SAFETY EQUIPMENT





A wide range of cabinets for fire and safety equipment is available in our product catalogue, with possibility to customize material, dimensions, shape, colour and logo in case of specific request. Our research and development department is available to evaluate customer's requirements. Our manufacturing department is equipped with laser cutting center, bending machines, punching machines, panel bender, welding station, with high level of automation to reach high quality products and manufacturing flexibility.



36/HC Steel Cabinet for fire fighting equipment

Made of carbon steel, red RAL3000 polyester powder coating wrinkle finish. With three shelves adjustable in height and key holder box embedded in the door. Side holes prepared for water pipe inlet. Possibility of internal installation of water/foam inductor (see art. "689A Water / Foam System Cabinet" page 83).

COD.	DESCRIPTION	H x W x D (mm)
8370.036	Cabinet with three shelves	1600x770x350
8393R.689	Additional cabinet shelf	-



36/HE Multiple Cabinet for service equipment

Made of carbon steel, red RAL3000 polyester powder coating wrinkle finish. With shelf and key holder box embedded in the door. Equipped with H 550 mm steel column. Possibility of storing hoses, branchpipes and spanners for hydrants. The amount of hoses that can be placed inside depends on their length and diameter.

COD.	DESCRIPTION	H x W x D (mm)
8397S.036	Cabinet 800x590x460 (without column)	800x590x460
1410.252	Column for cabinet H 550 mm	-

715/A Uniform window-door



Frame with window door "Uniform" for hydrant recessed installation

For the installation of a hydrant system in a wall recess (form A in compliance with EN671-2), complete with a polyester painted steel door, frame with holes for dowels not visible, sealable handle.

Version with included "Fire Glass" transparent sheet.

COD.	DESCRIPTION	EXTERNAL DIMENSIONS HxW (mm)	OPENING HxW (mm)
4301N.715	Uniform 45 red painted	625x460	575x410
4303N.715	Uniform 70 red painted	700x530	650x480
4305N.715	Uniform for fire-hose reel red painted	750x800	700x750

Available on request painted white

715/B Uniform metal-door



Frame with door "Uniform" for hydrant recessed installation

For the installation of a hydrant system in a wall recess (form A in compliance with EN671-2), complete with a polyester painted steel door, frame with holes for dowels not visible, sealable handle.

Version with metal blind door.

COD.	DESCRIPTION	EXTERNAL DIMENSIONS HxW (mm)	OPENING HxW (mm)
4301CN.715	Uniform 45 red painted	625x460	575x410
4303CN.715	Uniform 70 red painted	700x530	650x480
4305CN.715	Uniform for fire-hose reel red painted	750x800	700x750

Available on request painted white

715/C Uniform Poly Line



Frame with window door "Uniform - Poly Line" for hydrant recessed installation

For the installation of a hydrant system in a wall recess (form A in compliance with EN671-2), complete with a transparent polycarbonate door, polyamide hinges, frame with holes for dowels not visible, sealable handle.

COD.	DESCRIPTION	EXTERNAL DIMENSIONS HxB (mm)	OPENING HxB (mm)
4306N.715	Uniform-Poly with red frame	720x500	560x340

Available on request painted white

715/D NormoKit plastic door



Plastic frame with door "NormoKit" for hydrant recessed installation

For the installation of a hydrant system in a wall recess - (form A in compliance with EN671-2)

Composed of:

- Door and frame in polypropylene with anti-UV additive, red color.
- "FIRE GLASS" transparent sheet
- Holes for dowels not visible (dowels included)
- Sealable handle

COD.	DESCRIPTION	EXTERNAL DIMENSIONS HxW (mm)	OPENING HxW (mm)
4312N.715	NormoKit 45	610x490	465x395
4313N.715	NormoKit 70	730x590	625x495

251/D Convertible Type Support for Cabinet

Single square support convertible type for fire cabinet

Made of carbon steel with RAL 3000 red polyester coating or unpainted AISI 304 stainless steel. **Height 750 mm to floor.** Square tube 100x100mm. Baseplate 200x200mm.

Upper support can be installed in four positions: central or lateral position, small "45" or large "70" cabinet sizes.



COD.	DESCRIPTION	Top Dim (mm)
0955.251	Red for steel Poly Line cabinet	380 x 160/200
0957.251	Red for Murano Industrial cabinet	380 x 160/200
0955X.251	INOX for Electa, steel Poly and Murano cabinets	380 x 160/200

On request red RAL 3000 coating for stainless steel column

703 Safety Seals

Safety seals for cabinet - 100 pcs. package



COD.	DESCRIPTION
4050.703	With serial numbers

LAY FLAT FIRE HOSES



Lay flat fire hoses, for fixed systems inside buildings, industrial hose systems, fire brigades, marine equipment.

Flexible fire hoses are supplied with different types of couplings according to the following national standards: UNI (Italian), DSP (French), BS 336 (British), NH (U.S.A.), STORZ (German), GOST (Russian), UNE (Spanish).

The types, sizes and materials available for the couplings are listed in the next section of this catalog.

The hose lengths employed are usually 10, 15, 20, 25, 30 m.

Fire hoses MED certified are available for some models.



30/A-D Fire Hose Type 1

White fire hose model PU - SPECIAL

- Yarn: polyester high tenacity circular loom woven
- Inner lining: thermoplastic black elastomer
- Further advantages: maintenance free, mildew proof
- Employ: Water network in civil buildings, fixed systems inside civil buildings followings EN 671-2.
- Available diameters: DN 25, DN 38, DN 45, DN 52, DN 63, DN 70, DN 75, DN 100, DN 125, DN 150
- Compliant to: EN 14540 until DN 52.



COD.	DESCRIPTION	Working pressure	Burst pressure
0130.030	DN 25	1,5 MPa	4,5 MPa
1009.030	DN 38	1,5 MPa	4,5 MPa
0129.030	DN 45	1,5 MPa	4,5 MPa
0976.030	DN 52	1,5 MPa	4,5 MPa
1010.030	DN 63	1,5 MPa	4,5 MPa
0134E.030	DN 70	1,2 MPa	4,2 MPa
0790.030	DN 75	1,2 MPa	4,2 MPa
0204.030	DN 100	1,0 MPa	3,0 MPa
0792.030	DN 125	0,8 MPa	2,5 MPa
0793.030	DN 150	0,6 MPa	2,0 MPa

WARNING: in order to use the hose at maximum operating pressure, the user must always check the operating pressure of the connected fitting and the suitability of the fitting.

30/B Fire Hose Type 1/MED



White fire hose DN 45 model MED

With certification Marine Equipment Directive 2014/90/EU (MED)

- Yarn: polyester high tenacity circular loom woven
- Inner lining: EDPM rubber or thermoplastic elastomer
- Further advantages: maintenance free, mildew proof
- Employ: marine equipment

COD.	DESCRIPTION	Working pressure	Burst pressure
0129MED.030	DN 45	1,5 MPa	4,5 MPa

30/E Fire Hose Type 2



Red fire hose model INDUSTRIAL

- Yarn: polyester high tenacity circular loom woven
- Inner lining: EDPM rubber
- Outside coating: red resin
- Further advantages: resistant to aggressive environment, oil, chemical agents, hydrocarbons, mildew proof
- Employ: marine equipment and water network in industry with high fire risk and aggressive environment, heavy duty, refinery and petrol-chemical plants.
- Compliant to: ENI 0198.00 type B table.
- Certification: Marine Equipment Directive (MED) DN 45 only upon request
- Available diameters: DN 25, DN 45, DN 70

COD.	DESCRIPTION	Working pressure	Burst pressure
0203.030	DN 25	1,5 MPa	5,0 MPa
0237.030	DN 45	1,5 MPa	5,0 MPa
0238.030	DN 70	1,5 MPa	5,0 MPa

30/X Fire Hose Type 3



Rubber covered fire hose model TECHMATEX

- Yarn: polyester high tenacity and polyamide circular loom woven
- Extruded hose: polyester yarn embedded in extrusion of NVC compound. Ribs on the external surface to increase abrasion resistance.
- Further advantages: high abrasion resistance, resistant to oil and chemicals, very good ageing and UV resistance.
- Employ: municipal and industrial fire brigades, ships, refineries, industrial and military use.
- Compliant to: ENI 0198.00 type C table..

COD.	DESCRIPTION	Working pressure	Burst pressure
0138.030	DN 45	1,8 MPa	5,0 MPa
0137.030	DN 70	1,5 MPa	4,5 MPa

58 Hose Coupling Cuff

Reduces impact damage when the tube is dropped or dragged. Prevents potential hand injuries during coupling connection. Fits tightly behind the coupling collar preventing ingress and build up of mud between the coupling and hose. Manufactured in synthetic rubber.



COD.	DESCRIPTION
0319.058	For hose DN 25
0827.058	For hose DN 38
0027.058	For hose DN 45
0826.058	For hose DN 52
0828.058	For hose DN 63
0314.058	For hose DN 70
0330.058	For hose DN 100
0329.058	For hose DN 110
0320.058	For hose DN 125

123/A Pipe Binding operation

For each single coupling



COD.	DESCRIPTION
0723.123	For hose DN 25
0724.123	For hose DN 38/45/52
0725.123	For hose DN 63/70
0829.123	For hose DN 75/80
0830.123	For hose DN 100/110
0831.123	For hose DN 125

83/A Hose Reel for Long Hoses

The support can be mounted on the floor or on the wall. It has a hand crank to rewind the hose.

- Material: steel



COD.	DESCRIPTION
8510.083	Hose reel Ø535 x 350 with support and crank

250 Hose Support

Lay-flat hose support for fixed fire fighting systems



COD.	DESCRIPTION	L x D (mm)
0315.250	Carbon steel red painted RAL3000	365 x 120
0914.250	Red polypropylene for DN 45 to 52 hoses	320 x 132
0915.250	Red polypropylene for DN 63 to 70 hoses	330 x 140

FIRE FIGHTING FITTINGS AND COUPLINGS



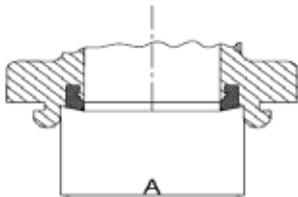


A **Storz coupling** is a quick connection coupling, commonly used to connect a fire hose to a fire hydrant. It is a symmetrical coupling (without male/female part) which is very easy to connect. This is the standard coupling employed in many countries such as Denmark, Germany, Austria, Poland, Switzerland, the Netherlands, Greece, Israel, Portugal, etc...

Once the lugs of the clamp fitting match the slots of the opposite flange it's necessary to turn the two flanges each other to ensure tightness of the connection.

Storz couplings are available in several sizes for delivery and suction operation. They are manufactured according to the applicable national standard.

MAIN STORZ DIMENSIONS TABLE - STORZ ABMESSUNGEN



DN STORZ	A	DN STORZ	A
25 (D)	31	65	81
32	44	75 (B)	89
38	51	100	115
45	59	110 (A)	133
52 (C)	66	150	160

43 hose coupling

STORZ hose coupling in light alloy

Schlauchkupplung für ausseneinband aus aluminiumlegierung



COD.	DIMENSION NENNGRÖSSE	Ø Hose tail Einbindestutzen	Length Länge
0893.043	Storz 25 (D)	25	62
1440.043	Storz 32	32	81
0894.043	Storz 38	38	99
0290.043	Storz 45	45	99
0278.043	Storz 52 (C)	45	100
0275.043	Storz 52 (C)	52	100
0345.043	Storz 65	65	111
0279.043	Storz 75 (B)	70	137
0276.043	Storz 75 (B)	75	137
0335.043	Storz 100	100	163
0280.043	Storz 110 (A)	110	184

44 blind cap

STORZ blind cap in light alloy

Blindkupplungen aus aluminiumlegierung mit kette



COD.	DIMENSION / NENNGRÖSSE	Length / Länge	COD.	DIMENSION / NENNGRÖSSE	Length / Länge
0294.044	Storz 25 (D)	37	0300.044	Storz 65	48
0299.044	Storz 38	43	0296.044	Storz 75 (B)	58
0302.044	Storz 45	50	0298.044	Storz 100	62
0295.044	Storz 52 (C)	54	0297.044	Storz 110 (A)	68

99 gasket seal

STORZ gasket seal

STORZ dichtring



COD.	DN STORZ	COD.	DN STORZ
0898.099	25 (D)	0349.099	75 (B)
0897.099	32	1449.099	100
1447.099	38	0347.099	110 (A)
0348.099	52 (C)	1448.099	150
0341.099	65		



91 Storz to threaded male adapter

STORZ to threaded GAS male adapter in light alloy

Festkupplung mit aussengewinde aus aluminiumlegierung

STORZ to threaded BSP male in light alloy

Anschluss System Storz mit Außengewinde nach BSP



COD.	DN STORZ	Thread	COD.	DN STORZ	Thread
0641.091	25	G 3/4"	1456.091	65	G 2"
1451.091	25 (D)	G 1"	0336.091	65	G 2 1/2"
1452.091	32	G 1 1/4"	0645.091	75	G 2"
1453.091	38	G 1 1/2"	0339.091	75 (B)	G 2 1/2"
0642B.091	52	G 1 1/4"	0644.091	75	G 3"
1454B.091	52	G 1 1/2"	1450.091	100	G 4"
0337B.091	52 (C)	G 2"	0340.091	110 (A)	G 4"
0643.091	52	G 2 1/2"	1455.091	150	G 6"
1489.091	65	G 1 1/2"			

91/S Storz to Storz reducer

STORZ to STORZ reducer

Übergangsstück Storz auf Storz



COD.	DN STORZ	DN STORZ
1490.091	52	65
0303.091	52	75
0719.091	75	100
0720.091	75	110

92 Storz to threaded female adapter

STORZ to threaded BSP female adapter

Festkupplung mit innengewinde aus aluminiumlegierung

STORZ to threaded BSP female in light alloy

Anschluss System Storz mit Innengewinde nach ISO 228



COD.	DN STORZ	Thread	COD.	DN STORZ	Thread
1479.092	25	G 1/2"	0647.092	52	G 2 1/2"
1480.092	25	G 3/4"	1481.092	65	G 2"
0894.092	25 (D)	G 1"	0346.092	65	G 2 1/2"
0657.092	32	G 1 1/4"	0655.092	75	G 2"
0658.092	38	G 1 1/2"	0344.092	75 (B)	G 2 1/2"
0652.092	38	G 2"	0656.092	75	G 3"
1482.092	45	G 2"	0654.092	100	G 4"
0659B.092	52	G 1 1/4"	0351.092	110 (A)	G 4"
0648B.092	52	G 1 1/2"	0646.092	150	G 6"
0342B.092	52 (C)	G 2"			

Brass STORZ to female GAS adapter

Festkupplung aus messing

Anschluss System Storz mit InnenGewinde nach ISO 228



COD.	DN STORZ	Female thread
0658OT.092	38	G 1 1/2"
0659OT.092	52	G 1 1/4"
0648OT.092	52	G 1 1/2"
0342OT.092	52	G 2"

100 spanner

STORZ coupling spanner DIN 14822 in galvanized steel

STORZ kupplungschüssel - Einseitige Haken DIN 14822 Stahl verzinkt mit Kältehandschutz



COD.	DESCRIPTION / AUSFÜHRUNG
0649.100	Storz 52-75 (BC) DIN 14822

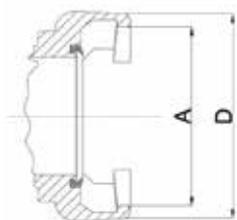
A **DSP coupling** is a self-sealing symmetrical coupling which is secured by inter-connecting two couplings together.

To get a tight connection a locking ring shall be turned up to stop. In this way two preformed bosses on the locking ring match the grooves preformed on the connecting coupling. DSP couplings can be used for delivery operation only.

They are compatible with Guillemin couplings which are used for different purposes.

They are manufactured according to NF S61-701.

MAIN DSP CONNECTIONS DIMENSIONS TABLE
TABLEAU DES DIMENSIONS DES PRINCIPAUX RACCORDS DSP



DN	D	A
40	75	55
65	108	85
100	151	123

76 hose coupling



Light alloy DSP delivery hose coupling

Demi-raccords DSP en aluminium avec verrou

COD.	DESCRIPTION	Ø Hose tail	Length
0281.076	DSP 40	45	88
0282.076	DSP 65	70	109
0283.076	AR 100	110	165

77 blind cap



DSP blank cap light alloy made

Bouchons DSP en aluminium

COD.	DESCRIPTION	Length
0214.077	DSP 40	44
0215.077	DSP 65	45
0396.077	AR 100	55

75 gasket seal



DSP gasket seal

Joints de raccords DSP

COD.	DN DSP
0390.075	40
0391.075	65
0392.075	100



89 DSP threaded female adapter



DSP to female BSP adapter in light alloy

Demi-raccords DSP, à douille fileté femelle BSP

Without locking ring.

Sans verrou.

COD.	DESCRIPTION	DN DSP	Thread
1230.089	WITHOUT LOCKING RING	40	G 1"1/2
0398.089	WITHOUT LOCKING RING	40	G 2"
0399.089	WITHOUT LOCKING RING	65	G 2"
0393.089	WITHOUT LOCKING RING	100	G 4"



With locking ring.

Avec verrou.

COD.	DESCRIPTION	DN DSP	Thread
0398G.089	WITH LOCKING RING	40	G 2"
0399G.089	WITH LOCKING RING	65	G 2"1/2
0393G.089	WITH LOCKING RING	100	G 4"

78 DSP threaded male adapter



DSP to male BSP adapter in light alloy

Demi-raccords DSP, à douille fileté mâle BSP

Without locking ring.

Sans verrou.

COD.	DESCRIPTION	DN DSP	Thread
0394.078	WITHOUT LOCKING RING	40	G 2"
0397.078	WITHOUT LOCKING RING	65	G 2"1/2
0395.078	WITHOUT LOCKING RING	100	G 4"



With locking ring.

Avec verrou.

COD.	DESCRIPTION	DN DSP	Thread
0394G.078	WITH LOCKING RING	40	G 2"
0397G.078	WITH LOCKING RING	65	G 2"1/2
0395G.078	WITH LOCKING RING	100	G 4"

90 spanner

Steel DSP spanner wrench

Clé tricoises pour raccords



COD.	DESCRIPTION
0991.090	simple type for DSP 40, 65, 100

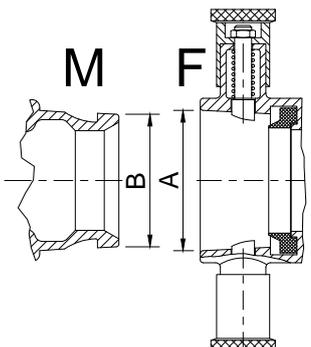


Instantaneous BS 336 coupling is a non-symmetrical quick connection coupling with a male and female part.

The two parts are connected by plugging together. They come in two versions: with twist or double pull release device. In both cases one or two spring loaded plungers located in the female part grip behind the lip of the male part.

The couplings provide a straightforward solution to connect many lengths of hose together and can be easily disconnected by twisting or pulling the release mechanism. Instantaneous couplings come with a 2½” nominal male and female size and are manufactured according to British standard.

The couplings are only employable for delivery operation while for suction operation round the thread couplings (BSRT) are required.



BS336 CONNECTIONS DIMENSIONS TABLE

DN	A	B
2"1/2	74,8	70,4



141 fire hose coupling

BS 336 brass instantaneous pair fire hose coupling

COD.	DESCRIPTION	Ø Hose tail	Length
0376.141	2"1/2 BS	38	192,5
0377.141	2"1/2 BS	63	192,5



150 gasket seal

BS gasket seal

COD.	DN BS
0888.150	2"1/2 BS
0069.023	4" BSRT (and UNI DN 100)



144 male blank cap

Male BS 336 brass blank cap

COD.	DESCRIPTION	Length
0383.144	2"1/2 BS	61
1335.144	4" BSRT	70



145 female blank cap



Female BS 336 brass blank cap

COD.	DESCRIPTION	Length
0384.145	2"1/2 BS	56
1338.145	4" BSRT	40

146 male instantaneous / threaded male adapter



BS 336 male instantaneous to male BSP (BSPP) adapter in brass

COD.	DESCRIPTION	DN BS	Thread
0385.146	M 2"1/2 BS x M 2"1/2 Gas	2" 1/2 M	G 2" 1/2
0886.146	M 4" BSRT x M 4" Gas	4" BSRT M	G 4"

147 male instantaneous / threaded female adapter



BS 336 male instantaneous to female BSP (BSPP) adapter in brass

COD.	DESCRIPTION	DN BS	Thread
0386.147	M 2"1/2 BS x F 2"1/2 Gas	2" 1/2 M	G 2" 1/2
0389.147	M 2"1/2 BS x F 2 Gas	2" 1/2 M	G 2"

148 male instantaneous / threaded female adapter



BS 336 female instantaneous to female BSP (BSPP) adapter in brass

COD.	DESCRIPTION	DN BS	Thread
0387.148	F 2"1/2 BS x F 2"1/2 Gas	2" 1/2 F	G 2" 1/2

149 male instantaneous / threaded male adapter



BS 336 female instantaneous to male BSP (BSPP) adapter in brass

COD.	DESCRIPTION	DN BS	Thread
0388.149	F 2"1/2 BS x M 2"1/2 Gas	2" 1/2 F	G 2" 1/2

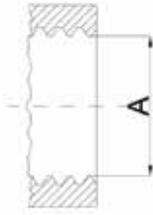


National Hose Thread (NH), also known as National Standard Thread (NST) is a non-symmetrical coupling with male and female part. It is the most common type of fire hose coupling used in the United States.

They are suitable for delivery and suction operations.

The male and female threads screw together and the connection is sealed with a gasket.

NH CONNECTIONS MAIN DIMENSIONS TABLE



DN	A	B	nr. threads per inch
1"1/2	50,5	47,2	9
2"1/2	77,9	73,9	7,5
4"	127,3	119,7	4
4"1/2	146,3	138,7	4



131 fire hose coupling

Brass NH pair fire hose coupling

COD.	DESCRIPTION	Ø Hose tail	Length
0246.131	1"1/2 NH	38	110
0247.131	2"1/2 NH	63	169



134 female blank cap

Brass NH female blank cap

COD.	DESCRIPTION	Length
0357.134	1"1/2 NH	21
0360.134	2"1/2 NH	33
1294.134	4" NH	40
1295.134	4"1/2 NH	42



142 male blank cap

Brass NH male blank cap

COD.	DESCRIPTION	Length
1311.142	1"1/2 NH	21
1298.142	2"1/2 NH	33



135 male NH / male BSPP adapter



NH male to male BSP (BSPP) adapter in brass

COD.	DESCRIPTION	DN NH	Thread
0367.135	M 1 1/2 NH x M 1 1/2 Gas	1 1/2 M	G 1 1/2
0368.135	M 2 1/2 NH x M 2 1/2 Gas	2 1/2 M	G 2 1/2
1284.135	M 4" NH x M 4" Gas	4" M	G 4"
1285.135	M 4 1/2 NH x M 4" Gas	4 1/2 M	G 4"



138 female NH / female BSPP adapter

NH female to female BSP (BSPP) adapter in brass

COD.	DESCRIPTION	DN NH	Thread
3652.138	F 1 1/2 NH x F 2" Gas	1 1/2 F	G 2"
0375.138	F 2 1/2 NH x F 2 1/2 Gas	2 1/2 F	G 2 1/2



139 spanner

Galvanized steel NH spanner wrench

COD.	DESCRIPTION	L
0379.139	For coupling 2 1/2 NH	250



NH gasket seal

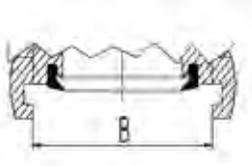
NH gasket seal

COD.	DN NH	E	I	S
M62924	1 1/2	52	35	2,5
M62904	2 1/2	78	60	3
M62948	4"	128	104	5
M62947	4 1/2	147	120	5



GOST are symmetrical couplings manufactured according to Russian standard (GOST 28352-89), available in several sizes. They are suitable for delivery and suction operations. They can be connected by rotating the clamp fitting where two grooved lugs match the two cams of the connecting coupling.

GOST CONNECTIONS MAIN DIMENSIONS TABLE



DN	B
50	78
70	95
80	107
100	140
125	166

155 hose coupling



Light alloy GOST delivery hose coupling

COD.	DESCRIPTION	Ø Hose tail
1235.155	GOST 50	52
1236.155	GOST 70	65
1237.155	GOST 80	75
1238.155	GOST 100	101
1239.155	GOST 125	125

156 blank cap



GOST blank cap light alloy made

COD.	DESCRIPTION
1241.156	GOST 50
1242.156	GOST 70
1243.156	GOST 80
1244.156	GOST 100
1245.156	GOST 125

157 GOST to thread adapter



GOST to male BSP adapter in light alloy

COD.	DESCRIPTION	DN GOST	Thread
1251.157	GOST 50	50	G 2" M
1252.157	GOST 70	70	G 2 1/2" M
1253.157	GOST 80	80	G 2 1/2" M
1254.157	GOST 80	80	G 3" M
1255.157	GOST 100	100	G 4" M
1262.157	GOST 125	125	G 4" M

GOST to female BSP adapter in light alloy

COD.	DESCRIPTION	DN GOST	Thread
1256.157	GOST 50	50	G 2" F
1257.157	GOST 70	70	G 2 1/2" F
1258.157	GOST 80	80	G 2 1/2" F
1259.157	GOST 80	80	G 3" F
1260.157	GOST 100	100	G 4" F
1261.157	GOST 125	125	G 5" F



157/N GOST to thread adapter in naval brass



GOST to female BSP adapter in Naval Brass

Naval Brass alloy corrosion resistant.

COD.	DESCRIPTION	DN GOST	Thread
1263.157	GOST 70	70	2" F



154 GOST spanner

Steel GOST spanner wrench

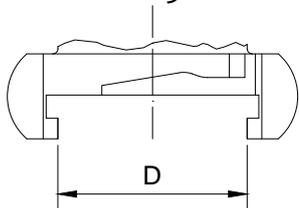
COD.	DESCRIPTION
1232.154	GOST 50 - 100
1233.154	GOST 100 - 150



Nakajima are rigid inter-lock type symmetrical couplings, manufactured according to JIS F 7335, suitable for delivery and suction operations.

They can be connected by rotating the clamp fitting where two grooved lugs match the two cams of the connecting coupling.

NAKAJIMA 50A - 2" CONNECTION DIMENSION TABLE



JIS F-7335 JAPANESE STANDARD

DN	D (mm)
50A	73



161/A Nakajima hose coupling

Nakajima hose coupling in brass

COD.	DESCRIPTION	Ø Hose tail
1303.161	JIS 50A	52



161/B Nakajima to thread adapter

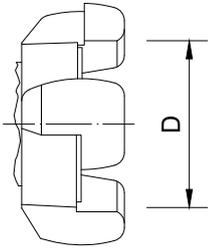
Nakajima to female BSP adapter in brass

COD.	DESCRIPTION	DN JIS	Thread
1304.161	JIS 50A x F 2" Gas	50A	G 2" F



Barcelona are symmetrical couplings with three engaging lugs, available in several different sizes. Manufactured according to Spanish Standard UNE 23400 and suitable for delivery operation only. When rotating one coupling inside the other, the lugs of one coupling engage themselves in the corresponding lugs of the other coupling assuring the tightness of the connection.

BARCELONA CONNECTIONS MAIN DIMENSIONS TABLE



Spanish Standard UNE 23400

DN	D (mm)
25	42
45	62
70	88

164 hose coupling



Light alloy Barcelona delivery hose coupling

COD.	DESCRIPTION	Ø Hose tail
1271.164	UNE DN 45	45
1272.164	UNE DN 70	70

165 blank cap



Barcelona blank cap light alloy made

COD.	DESCRIPTION
1310.165	UNE DN 45
1321.165	UNE DN 70

166 Barcelona to thread adapter

Light alloy Barcelona to male BSP adapter

COD.	DESCRIPTION	DN UNE	Thread
1273.166	UNE DN 45	45	G 1"1/2 M
1274.166	UNE DN 70	70	G 2"1/2 M



Light alloy Barcelona to female BSP adapter

COD.	DESCRIPTION	DN UNE	Thread
1275.166	UNE DN 45	45	G 1"1/2 F
1276.166	UNE DN 70	70	G 2"1/2 F

NOZZLES AND FIRE VALVES



The Nozzle is a device connected at the end of a fire hose used to direct and control discharge of water to extinguish a fire.

All our products are designed to get a steady and solid stream of water in full jet position and to provide a wide fog pattern in spray jet position to obtain a better extinguishing efficiency and cooling effect. They have good resistance to impact and they are self-cleaning. Symbols of the control settings are provided on the housing.

74/C Industrialjet 1" nozzle



Industrialjet nozzle compliant to EN 15182-3

Branchpipe with three position (full, off, spray jet) lever operated.

- Material: light alloy with plastic pipe
- Inlet size: male thread BSP 1" (Storz 25 connection available)
- Outlet bore: Ø 4 or Ø 8 mm

COD.	DESCRIPTION	Inlet thread	Bore mm
0352.074	BSP threaded inlet	Male 1"	Ø 4

74/F light alloy Industrialjet nozzle



Industrialjet nozzle for fixed firefighting systems

Branchpipe with three position (full, off, spray jet) lever operated.

- Material: light alloy with rubber cover
- Inlet sizes: male thread BSP 2" - BSP 2"1/2 (Storz, DSP, BS, NH, GOST, UNE, Nakajima connections available)
- Outlet bore: Ø 12 mm for 2" size; Ø 16 mm for 2"1/2 size

COD.	DESCRIPTION	Inlet thread	Bore mm
0353E.074	BSP threaded inlet - EN 671-2 (*)	Male 2"	Ø 12
0355E.074	BSP threaded inlet for fire hydrant service system	Male 2"1/2	Ø 16

(*) Nozzle for CE fire hose system according to EN 671-2 standard, professional use and ships installation. Model approved under **Marine Equipment Directive (MED)** is available upon request.



641 Smartjet nozzle



Smartjet nozzle - for modern design style applications

Nozzle for hose reel according to specific regulations.

Branchpipe with three positions (full, off, spray jet) lever operated.

- Material: chromed brass
- Available sizes: 1/2" and 3/4" with outlet bore Ø 6 mm and 1" with outlet bore Ø 8 mm

COD.	DESCRIPTION	Inlet hose tail Ø mm	Bore mm
2151.641	for 1/2" fire hose	15	Ø 6
2150.641	for 3/4" fire hose	21	Ø 6
2152.641	for 1" fire hose	27	Ø 8

643/A Sprayjet nozzle

Nozzle for CE fire hose reels according to EN 671-1 standard.

Jet adjustment by turning the red handle to operate continuously from hollow straight stream to spray jet.

- Material: handle, body in hard plastic
- Hose tail: in POM or brass; available sizes 3/4" and 1"
- Outlet bore: Ø 7, Ø 8 or Ø 10 mm (equivalent)

Available also with threaded BSP 1" inlet



CE SPARE PART

COD.	DESCRIPTION	Inlet hose tail Ø mm	Bore mm
2197.643	3/4" for DN 19 mm hose	19	Ø 7
2170.643	1" for DN 25 mm hose	25	Ø 8
2198.643	1" for DN 25 mm hose	25	Ø 10

Sprayjet nozzle, in hard plastic body, female threaded BSP inlet.
For coupled hose.



CE SPARE PART

COD.	DESCRIPTION	Inlet thread	Bore mm
2730.643	BSP threaded inlet	Female 1"	Ø 8

74/A Starjet nozzle

Nozzle for CE fire hose system according to EN 671-2 standard.

Branchpipe with three positions (full, off, spray jet) lever operated.

- Material: plastic (pipe and lever) - brass (tip and body)
- Inlet: male thread BSP 2" (Storz, DSP, BS, NH, GOST, UNE, Nakajima connections available)
- Outlet bore: Ø 12 or Ø 13 mm



COD.	DESCRIPTION	Inlet thread	Bore mm
2145G.074	BSP threaded inlet	Male 2"	Ø 12
2145G13.074	BSP threaded inlet	Male 2"	Ø 13

646/A Longjet-V nozzle

Nozzle for CE fire hose according to EN 671-2 standard.

Jet adjustment by turning the red handle to operate continuously from hollow straight stream to spray jet.

- Material: thermoplastic resin body
- Inlet sizes: male thread BSP 2" (Storz, DSP, BS, NH, GOST, UNE, Nakajima connections available)
- Outlet bore: Ø 13 mm (equivalent)



COD.	DESCRIPTION	Inlet thread	Bore mm
2141VM.646	BSP threaded inlet	Male 2"	Ø 13

646/C Longjet-C compact nozzle

Nozzle for CE fire hose according to EN 671-2 standard.

Jet adjustment by turning the red handle to operate continuously from hollow straight stream to spray jet.

- Material: thermoplastic resin body
- Inlet sizes: male thread BSP 2" (Storz, DSP, BS, NH, GOST, UNE, Nakajima connections available)
- Outlet bore: Ø 12 mm (equivalent)
- Length: 125 mm



COD.	DESCRIPTION	Inlet thread	Bore mm
2141M.646	BSP threaded inlet	Male 2"	Ø 12

44 Controljet nozzle



Nozzle for professional use according to EN 15182-2 type 3.

Variable jet pattern with selectable flow. The flow rate is not affected by the pattern.

Quick change from straight to fog jet.

Wide fog pattern for optimized personal protection.

Flush position to clean the nozzle under use.

- Main material: High strength aluminum construction with special surface treatment
- Inlet sizes: BSP 1 1/2 - BSP 2 1/2 (Storz, DSP, BS, NH, GOST, UNE, Nakajima connections available)
- Selectable flow rate: 60-130-200-250 l/min for 2" size; 70-130-230-400 l/min for 2 1/2 size

COD.	DESCRIPTION	Inlet BSP
2132G.644	1 1/2 - selectable flow 60-130-200-250 l/min at 6 bar	G 1 1/2
2133G.644	2 1/2 - selectable flow 70-130-230-400 l/min at 6 bar	G 2 1/2

Components and materials



N°	Description	Material
1	Corrosion resistant spinning teeth	AISI 316 stainless steel
2	Raised lugs for easier pattern and flow identification	Synthetic rubber
3	Metal band with indications for adjusting the pattern	Anodized aluminum
4	Flow control ring	Polyamide
5	Laser marked letters	-
6	Handle for open / shut	Anodized aluminum
7	Inlet strainer	AISI 316 stainless steel
8	Nozzle body	Anodized aluminum
9	Ergonomic shaped pistol grip	Thermoplastic resin

74/D Professionaljet nozzle



For professional use according to EN 15182-3 standard.

Branchpipe four effects (full jet, shut-off, spray jet, water curtain) lever operated.

Water curtain provides an additional spray jet with angle variable from 0° to 170°. By turning a ring at the top of the nozzle, the operator can add an independent water shield to protect himself against smoke and heat.

- Material: light alloy with rubber cover
- Inlet sizes: BSP 2" - BSP 2 1/2 (Storz, DSP, BS, NH, GOST, UNE, Nakajima connections available)
- Outlet bore: Ø 9 for 2" size - Ø 16 mm for 2 1/2 size

COD.	DESCRIPTION	Inlet BSP	Bore mm
0354.074	Inlet 2" - with water curtain	G 2" M	Ø 9
0356.074	Inlet 2 1/2 - with water curtain	G 2 1/2 M	Ø 16

74/N Naval Brass nozzle



Nozzle for marine fire service use.

Nozzle for marine fire service use.

Branchpipe three effects (full jet, shut-off, spray jet) lever operated, in "Naval Brass" alloy with rubber cover. Resistance to corrosion even in aggressive environment.

- Material: "Naval Brass" alloy with rubber cover
- Inlet sizes: male thread BSP 2" (Storz, DSP, BS, NH, GOST, Nakajima connections available)
- Outlet bore: Ø 12 - Ø 16 mm

COD.	DESCRIPTION	DN	Outlet mm
0818M.074	BSP threaded inlet	Male 2"	Ø 12
0819M.074	BSP threaded inlet	Male 2"	Ø 16



73 nozzles with STORZ connection

Multi-effects branchpipes with STORZ connection

Mehrzechstrahlrohr mit Anschluss System Storz

Branchpipe with three position lever handle (full, off, spray jet).

Mehrzechstrahlrohr (vollstrahl, haltstellung, sprühstrahl).

Light alloy body, plastic pipe and tip.

Typ aus Aluminiumlegierung und aus extrem schlagzähem Kunststoff.



COD.	DESCRIPTION / AUSFÜHRUNG	DN STORZ	Outlet/Düse
0401.073	Storz 25 - Industrialjet	25	Ø 4

Plastic pipe, brass tip and body.

Typ aus messing und Polyamid Rohrstück.



COD.	DESCRIPTION / AUSFÜHRUNG	DN STORZ	Outlet/Düse
0333S.073	Storz 52 - Starjet	52	Ø 12

Branchpipe with thermoplastic resin body. Jet adjustment by turning the nozzle body.

Typ Drehend Hohlstrahlrohr.



COD.	DESCRIPTION / AUSFÜHRUNG	DN STORZ	Outlet/Düse
0333L.073	Storz 52 - Longjet	52	Ø 13

Light alloy branchpipe with rubber cover.

Typ aus Aluminiumlegierung und Gummi-Handschutz.



COD.	DESCRIPTION / AUSFÜHRUNG	DN STORZ	Outlet/Düse
0333.073	Storz 52 - MED type	52	Ø 12
0334E.073	Storz 75 - MED type	75	Ø 16

Light alloy branchpipe with rubber cover. With water curtain.

Typ aus Aluminiumlegierungen. Ausführung mit Mannschutzbrause.



COD.	DESCRIPTION / AUSFÜHRUNG	DN STORZ	Outlet/Düse
0402.073	Storz 52 - Professionaljet	52	Ø 9
0403.073	Storz 75 - Professionaljet	75	Ø 16



175 nozzles with DSP connection

Multi-effects branchpipes with DSP connection

Lances multi-effets avec entrée DSP

Branchpipe with three position lever handle. Plastic pipe, brass tip and body.

Lance à trois positions. En plastique et laiton.



COD.	DESCRIPTION	DN DSP	Outlet mm
1340S.175	DSP 40 - Starjet	40	Ø 12

Light alloy branchpipe with rubber cover.

Lance en aluminium avec couverture en gomme.



COD.	DESCRIPTION	DN DSP	Outlet mm
1340.175	DSP 40 - MED type	40	Ø 12
1341E.175	DSP 65 - MED type	65	Ø 16

Light alloy branchpipe with rubber cover. With water curtain.

Lance en aluminium avec couverture en gomme. Avec écran d'eau.



COD.	DESCRIPTION	DN DSP	Outlet mm
1336.175	DSP 40 - Professionaljet	40	Ø 9
1337.175	DSP 65 - Professionaljet	65	Ø 16



140 nozzles with BS connection

Multi-effects branchpipes with BS 336 male connection

Plastic pipe, brass tip, body and BS 336 connection.



COD.	DESCRIPTION	DN BS	Outlet mm
1330S.140	BS 2"1/2 - Starjet branchpipe	2"1/2 BS 336	Ø 12

Light alloy branchpipe with rubber cover. BS 336 brass connection.



COD.	DESCRIPTION	DN BS	Outlet mm
1330.140	BS 2"1/2 - MED type	2"1/2 BS 336	Ø 12
1331E.140	BS 2"1/2 - MED type	2"1/2 BS 336	Ø 16

Light alloy branchpipe with rubber cover. BS 336 brass connection. With water curtain.



COD.	DESCRIPTION	DN BS	Outlet mm
1332.140	BS 2"1/2 - Professionaljet 2" branchpipe	2"1/2 BS 336	Ø 9
1333.140	BS 2"1/2 - Professionaljet 2"1/2 branchpipe	2"1/2 BS 336	Ø 16



130 nozzles with NH connection

Multi-effects branchpipes with NH female connection

Plastic pipe, brass tip, body and NH connection



COD.	DESCRIPTION	DN NH	foro
1290S.130	NH 1"1/2 - Starjet	1"1/2	Ø 12

Light alloy branchpipe with rubber cover. NH brass connection.



COD.	DESCRIPTION	DN NH	foro
1290.130	NH 1"1/2 - MED type	1"1/2	Ø 12
1291E.130	NH 2"1/2 - MED type	2"1/2	Ø 16

Light alloy branchpipe with rubber cover. NH brass connection. With water curtain.



COD.	DESCRIPTION	DN NH	foro
1288.130	NH 1"1/2 - Professionaljet	1"1/2	Ø 9
1289.130	NH 2"1/2 - Professionaljet	2"1/2	Ø 16



158 nozzles with GOST connection

Multi-effects branchpipe with GOST connection

Light alloy branchpipe with rubber cover. GOST connection.



COD.	DESCRIPTION	DN GOST	foro
1269.158	GOST 50 - MED type	50	Ø 12
1270.158	GOST 70 su lancia tipo Med	70	Ø 16

A Fire valve is the core part of the hose system. It's permanently under pressure and it works like a stop valve with technical features required by national standards. The valve is screw-down type and it opens in a counterclockwise direction.

Bocciolone Antincendio manufactures many type of brass fire valves:

- Maximum Working pressure 16 and 25 bar
- Handweel in steel, nylon or light alloy
- Size: 1", 1 1/2", 2", 2 1/2"
- Inlet and outlet with male thread

Many different standards connections are available such as STORZ, DSP, BS, NST and others.

5 fire valve with GAS threaded outlet



Fire valve with BSP male outlet connection

Made of brass EN 1982, BSP male inlet.

COD.	DESCRIPTION	dn	DN
2511.005	1" BSP x 1" Gas, PN 16	1" Gas	1" Gas
2517.005	1 1/2" Gas x 1 1/2" Gas, PN 16	1 1/2" Gas	1 1/2" Gas
0993.005	2" Gas x 2" Gas, PN 16 DIN 14461	2" Gas	2" Gas
0978.005	2 1/2" Gas x 2 1/2" Gas, PN 16 DIN 14461	2 1/2" Gas	2 1/2" Gas

41 fire valve with STORZ outlet



Fire valve with light alloy STORZ outlet connection

Made of brass EN 1982, BSP male inlet.

Hydrantenventil mit anschluss system STORZ

Messing nach EN 1982, eingang Gewinde BSP, Anschluss System Storz

COD.	DESCRIPTION / AUSFÜHRUNG	DN STORZ	DN
2511SD.041	Storz 25 x 1" Gas, PN 16	25	1" Gas M
0271.041	Storz 52 x 1 1/2" Gas, PN 16	52	1 1/2" Gas M
0301.041	Storz 52 x 2" Gas, PN 16 - DIN 14461	52	2" Gas M
0326.041	Storz 65 x 2 1/2" Gas, PN 16 - DIN 14461	65	2 1/2" Gas M
0331.041	Storz 75 x 2 1/2" Gas, PN 16 - DIN 14461	75	2 1/2" Gas M

71 fire valve with DSP outlet



Fire valve with DSP outlet connection

Made of brass EN 1982, BSP male inlet.

Vanne d'incendie avec raccord DSP

En laiton EN 1982, entrée fileté mâle BSP

COD.	DESCRIPTION	DN DSP	DN
0265OT.071	brass DSP 40 outlet x 1 1/2" Gas, PN 16	40	1 1/2" Gas M
0269.071	loght alloy DSP 65 outlet x 2 1/2" Gas, PN 16	65	2 1/2" Gas M

143 fire valve with BS outlet



Fire valve with brass BS 336 female connection

Made of brass EN 1982, BSP male inlet.

COD.	DESCRIPTION	DN BS	DN
0381.143	2 1/2" BS x 2 1/2" Gas, PN 16	2" 1/2 F	2" 1/2 Gas M



85 manual Monitor

Adjustable manual monitor

Maximum working pressure PN 16.
 Horizontal movement (rotation): 360°. Vertical movement: -45° + 45°.
 Adjustable by handle. Lockable by handwheels.
 Outlet connection for nozzle.
 - Inlet connection: BSP 2"1/2 thread or DN 65 flange PN16.
 - Main material: bronze body

COD.	DESCRIPTION	Inlet DN
0325.085	Threaded inlet without gate valve	Threaded G 2"1/2
2100.085	Threaded inlet with gate valve	Threaded G 2"1/2
2104.085	Flanged inlet without gate valve	Flanged DN 65 PN16
2101.085	Flanged inlet with gate valve	Flanged DN 65 PN16

These bronze fire valves are used to control the flow of water in a fire hydrant system of off-shore or on-shore marine equipment. The valve is screw-down type and open in a counterclockwise direction. The valves come with a 90° angle between inlet/outlet or streamlined flow version.



53 Angle Globe Valve flanged type

Flanged inlet, threaded outlet.

Body material: gun metal
 Flanged inlet: DN 65 PN 16
 Threaded outlet: male 2"1/2 BSP



125 Streamlined flow Globe Valve flanged type

Flanged inlet, threaded outlet.

Body material: gun metal
 Flanged inlet: DN 65 PN 16 - 2"1/2 ASA 150
 Threaded outlet: male 2"1/2 BSP



69 Streamlined flow Globe Valve threaded type

Female threaded inlet, male threaded outlet.

Body material: gun metal
 Threaded inlet: female 2"1/2 BSP
 Threaded outlet: male 2"1/2 BSP

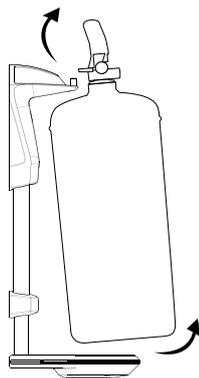


16 Threaded Flange

Material: gun metal
 Flange: DN 65 PN 16 or PN 25; DN 80 PN 16, DN 100 PN 16 - ASA 150 size 2"1/2, 3", 4"
 Threaded outlet: male 2"1/2, 3", 4" BSP

ACCESSORIES FOR FIRE EXTINGUISHERS

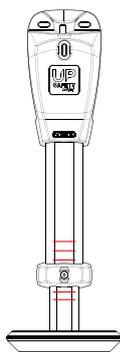




**UpSafety Cover and Neck:
high safety for fire extinguishers.**

UpSafety is the new concept in the fire-fighting sector that enhances security by standards. A new line of products, revolutionary in design and built to respond to a degree of safety that goes beyond the regulations.

The innovative UpSafety Cover and Neck has many technical advantages that ensure easy application and durability, as well as numerous advantages for people safety.



Safety and easy pick-up

In compliance with the EN 3-7 Standards, the UpSafety Cover and Neck allow the fire extinguisher to be safely placed and easily removed if necessary.

896/N UpSafety support

Support for fire extinguisher UpSafety type

Two models:

UpSafety Cover. Our standard solution mounted at the correct height to ensure the safety of children and adults from an accidental drop of the fire extinguishers. The support is equipped with a shockproof bottom with adjustable height, suitable for 6 kg powder or 6 liter water fire extinguishers with a 160 mm diameter cylinder.

UpSafety Neck. Our standard solution to hang the fire extinguisher with a new system that ensures more outstanding protection to prevent unintended drop of the fire extinguisher by accidental contact of children and adults.

Plastic support hook for portable fire extinguishers.



COD.	DESCRIPTION
2026UC.896	Cover - support for 6 kg powder or 6 liters water fire extinguisher
2026UN.896	Neck - only hook for portable extinguisher

36/KC Murano Oblò

Fire extinguisher cabinet "Murano Oblò" with metal blind door

With plastic inspection window.

Possibility of recessed installation with an optional cover frame applicable even after the installation of the cabinet.

Cabinet comes in two sizes with height 600 mm (normally for 6 kg powder fire extinguisher) or 800 mm.

Available in red RAL 3000 or white RAL 9016 enamel or AISI 304 stainless steel natural finish.



Made of carbon steel, red* RAL 3000 enamel.

COD.	DESCRIPTION	H x W x D (mm)
1350.036	For 6 kg powder or 2 kg CO2 fire extinguisher	600 x 320 x 220
1351.036	For 9/12 kg powder or 5 kg CO2 fire extinguisher	800 x 320 x 220

Red steel cover frames.

COD.	DESCRIPTION
3358.038	For "Murano" carbon steel fire extinguisher cabinet H 600
3359.038	For "Murano" carbon steel fire extinguisher cabinet H 800

Made of AISI 304 stainless steel natural finish (red painted finish available on request*)

COD.	DESCRIPTION	H x W x D (mm)
1350X.036	For 6 kg powder or 2 kg CO2 fire extinguisher	600 x 320 x 220
1351X.036	For 9/12 kg powder or 5 kg CO2 fire extinguisher	800 x 320 x 220

Stainless steel cover frames natural finish (red painted finish available on request*)

COD.	DESCRIPTION
3358X.038	For "Murano" stainless steel fire extinguisher cabinet H 600
3359X.038	For "Murano" stainless steel fire extinguisher cabinet H 800

* White RAL 9016 available on request



COVER FRAME

36/EG Rodi by Giugiaro Design

Fire extinguisher cabinet "Rodi" Giugiaro design

"Rodi Giugiaro" fire cabinet with rounded edges, made of carbon steel, grey RAL 7035 enamel.

Door made from plastic with double shell manufactured by thermoforming process, metallic anthracite gray colour with transparent polycarbonate window.

Suitable for powder fire extinguisher Kg 6 or CO2 Kg 2.

Possibility of recessed installation with optional cover frame.

COD.	DESCRIPTION	H x W x D (mm)
1804.036	For extinguisher Kg 6 powder or Kg 2 CO2	650 x 370 x 250

Possibility of recessed installation with a special Rodi cover frame.

COD.	DESCRIPTION
3314.038	RODI Cover frame for recessed installation of extinguisher cabinet



COVER FRAME



898 Fire Extinguisher Stand

Fire Extinguisher Stand

Floor stand suitable for portable powder and carbon dioxide CO2 fire extinguishers complete with flag indicator sign.

Available finish: red painted, chrome, red painted with plastic base.



COD.	FINISH	DESCRIPTION
1998.898	Red RAL 3000	Steel tubular
1998CR.898	Chrome	Steel tubular
1998P.898	Red RAL 3000	With plastic base

36/N Fire Extinguisher Box

Fire Extinguisher Box

Manufactured in ABS with a red base and a red or transparent cover, complete with EPDM fasteners, this box ensure a good protection and prevent people from contact of the fire extinguisher. The extinguisher shall be fixed to the wall through the plastic base.

Sizes available for most common powder fire extinguishers 6 kg, 9 kg and 12 kg.



COD.	DESCRIPTION	H x W x D (mm)
0687.036	With red ABS cover for Kg 6 powder extinguisher	618 x 313 x 200
0688.036	With red ABS cover for Kg 9/12 powder extinguisher	835 x 370 x 245
0681.036	With transparent cover for Kg 6 powder extinguisher	618 x 313 x 200
0682.036	With transparent cover for Kg 9/12 powder extinguisher	835 x 370 x 245

PILLAR AND UNDERGROUND HYDRANTS



Pillar hydrant is a device connected to a pressurized water supply designated to supply water for firefighting during all phases of the fire. It has a barrel which emerges from below the ground level, allowing above ground connection of equipment for firefighting purposes. Following customer's specification hydrant can be supplied:

without connections: outlets are female BSP threaded. In this case the purchaser can provide by himself the required connection;
with connection and plug: available connections Boccione can normally supply are UNI (Italian standard), DSP (French standard), BS 336 (British standard), NH (American standard), STORZ (German standard), GOST (Russian standard), UNE (Spanish standard).

Following customer's requirements each hydrant can be supplied with:

two side outlets;
two side outlets and one front outlet for fire truck connection.

Each hydrant is supplied with antifreeze drainage system. The drainage system automatically drains the water inside the hydrant when it is closed and prevents internal surface of the shell from corrosion. All parts of the drainage system are made of corrosion resistant materials.

All components are in cast iron and they are duly

coated to protect them against corrosion. Our production program includes three styles of hydrants:

Style "EUR"

Made from cast iron. It comes in two models: type A: without break system: recommended in the area where hydrant cannot be hit by car or truck (such as green areas). It is cheaper and it performs better during pressure drop test; type C: with break system: recommended when possibility of collisions is believed to be more real (on the road for instance). The break system is a mechanism which allows the above ground part to separate from the below part when subject to impact whilst maintaining the seal of the main valve. The hydrant is designed to allow replacing the above part without excavation work.

Style "MONOTUBO"

Barrel is manufactured in galvanized steel, available only without break system.

Style "66FM"

American standard: barrel in cast iron, according to AWWA C 502, UL listed, FM approved, available only with break system.



Vandal-proof device for pillar hydrant
PATENT APPLICATION FILED





66/D style EUR DN 80 / DN 100



Dry barrel Pillar hydrant style EUR - DN 80 / DN 100

Dry pillar fire hydrant in cast iron with two or three outlets with antifreeze automatic drainage system, according to EN 14384, CE marking.

Nominal diameters: DN 80 - DN 100 mm.

Outlets with connections and blind caps are available in the following national standards: UNI (Italian), DSP (French), BS 336 (British), NH (U.S.A.), STORZ (German), GOST (Russian), UNE (Spanish).

Different underground depth are available: 500, 700 and 960 mm.

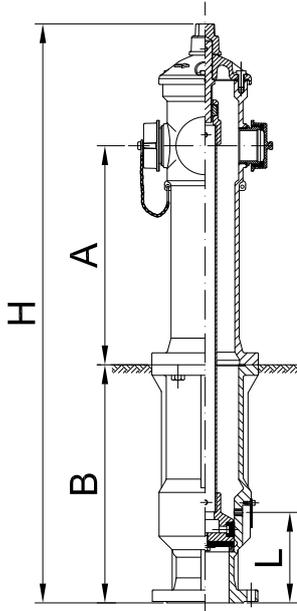
Type A - fire hydrant without break system

Type C - fire hydrant with break system.

Type C hydrants are available on request in a special version for drinking water, compliant to Italian Decree the Italian dated 6th April 2004, n. 174 of the Ministry of Health.

DN 80, body with two outlets 2"1/2 BSP, to be completed with the set of connections and caps according to the "Connections" table

BODY ID.	TYPE	B (depth)	A	L	H
1610	A	500	450	180	1200
1611	A	700	450	180	1400
1612	A	960	450	180	1660
1710	C	500	450	180	1200
1711	C	700	450	180	1400
1712	C	960	450	180	1660



DN 100, body with two outlets 2"1/2 BSP, to be completed with the set of connections and caps according to the "Connections" table

BODY ID.	TYPE	B (depth)	A	L	H
1615	A	500	450	200	1220
1616	A	700	450	200	1420
1617	A	960	450	200	1680
1715	C	500	450	200	1220
1716	C	700	450	200	1420
1717	C	960	450	200	1680

DN 100, body with three outlets: two 2"1/2 and one 3"1/2 BSP, to be completed with the set of connections and caps according to the "Connections" table

BODY ID.	TYPE	B (depth)	A	L	H
1665	A	500	450	200	1220
1666	A	700	450	200	1420
1667	A	960	450	200	1680
1765	C	500	450	200	1220
1766	C	700	450	200	1420
1767	C	960	450	200	1680

ORDERING GUIDE:

To obtain the product code add the "BODY ID." to the "CONNECTION ID." for example:

1610STORZ.066 = Hydrant type A - DN 80 with two outlets STORZ B 75 depth 500mm

connections set

CONNECTION ID.	DESCRIPTION
G.066	Without connections
STORZ.066	Two STORZ B 75 outlets Two STORZ B 75 outlets + one front STORZ A 110 outlet
AFNOR.066	Two DSP 65 outlets Two DSP 65 outlets + one front DSP 100 outlet
BS.066	Two 2"1/2 BS 336 outlets Two 2"1/2 BS 336 outlets + one front 4" BSRT outlet
GOST.066	Two GOST 70 outlets Two GOST 70 outlets + one front GOST 100 outlet
UNE.066	Two Barcelona 70 outlets Two Barcelona 70 outlets + one front UNE 23400 DN 100 outlet
NH.066	Two 2"1/2 NH outlets Two 2"1/2 NH outlets + one front 4" NH outlet
.066	Two UNI 70 outlets Two UNI 70 outlets + one front UNI 100 outlet

66/C style EUR DN 150



Dry barrel Pillar hydrant style EUR - DN 150

Dry pillar fire hydrant in cast iron with two or three outlets with antifreeze automatic drainage system, according to EN 14384, CE marking.

Nominal diameter: DN 150 mm.

Outlets with connections and blind caps are available in the following national standards: UNI (Italian), DSP (French), BS 336 (British), NH (U.S.A.), STORZ (German), GOST (Russian), UNE (Spanish).

Different underground depth are available: 500, 700 and 985 mm.

Type A - fire hydrant without break system

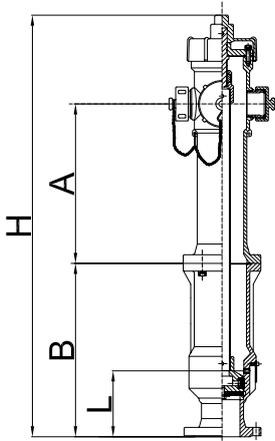
Type C - fire hydrant with break system.

Body with two outlets 2"1/2 BSP, to be completed with the set of connections and caps according to the "Connections" table

BODY ID.	TYPE	B (depth)	A	L	H
1625	A	500	450	200	1255
1626	A	700	450	200	1455
1627	A	985	450	200	1740
1725	C	500	450	200	1255
1726	C	700	450	200	1455
1727	C	985	450	200	1740

Body with three outlets: two 2"1/2 and one 4" BSP, to be completed with the set of connections and caps according to the "Connections" table

BODY ID.	TYPE	B (depth)	A	L	H
1675	A	500	450	200	1255
1676	A	700	450	200	1455
1677	A	985	450	200	1740
1775	C	500	450	200	1255
1776	C	700	450	200	1455
1777	C	985	450	200	1740



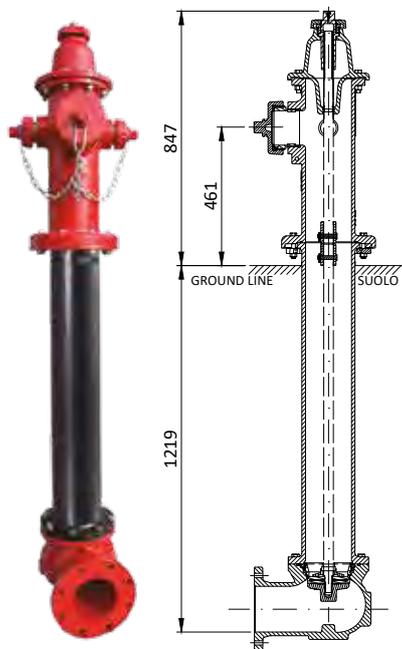
ORDERING GUIDE:

To obtain the product code add the "BODY ID." to the "CONNECTION ID." for example:

1725STORZ.066 = Hydrant type C - DN 150 with two outlets STORZ B 75 depth 500mm

connections set

CONNECTION ID.	DESCRIPTION
G.066	Without connections
STORZ.066	Two STORZ B 75 outlets
	Two STORZ B 75 outlets + one front STORZ A 110 outlet
AFNOR.066	Two DSP 65 outlets
	Two DSP 65 outlets + one front DSP 100 outlet
BS.066	Two 2"1/2 BS 336 outlets
	Two 2"1/2 BS 336 outlets + one front 4" BSRT outlet
GOST.066	Two GOST 70 outlets
	Two GOST 70 outlets + one front GOST 100 outlet
UNE.066	Two Barcelona 70 outlets
	Two Barcelona 70 outlets + one front UNE 23400 DN 100 outlet
NH.066	Two 2"1/2 NH outlets
	Two 2"1/2 NH outlets + one front 4" NH outlet
.066	Two UNI 70 outlets
	Two UNI 70 outlets + one front UNI 100 outlet



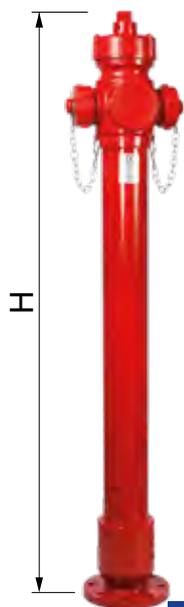
66/FM Pillar Hydrant UL/FM approved

Dry barrel pillar hydrant style 66FM - DN 150

Cast iron fire hydrant style 66FM, with three outlets, type C (with break system), with 2 outlets 2”1/2 NH + 1 outlet 4”1/2 NH, depth 1219 mm, antifreeze automatic drainage system, according to AWWA C 502, UL listed FM approved.

Nominal diameter: 6” - DN 150 mm.

COD.	TYPE	DEPTH
1790.066	C	48” - 1219 mm



PATENTED

66/M style MONOTUBO DN 80 / DN 100



Dry barrel pillar hydrant style MONOTUBO

Fire hydrant type A (without break system), two outlets, with galvanized steel barrel, antifreeze automatic drainage system, according to EN 14384, CE marking.

Nominal diameters: DN 80 - DN 100 mm.

Outlets with connections and blind caps are available in the following national standards: UNI (Italian), DSP (French), BS 336 (British), NH (U.S.A.), STORZ (German), GOST (Russian), UNE (Spanish).

Total length of the barrel can be customized.

Body with two outlets 2”1/2 BSP, to be completed with the set of connections and caps according to the “Connections” table

BODY ID.	DESCRIPTION	H
0554	Flange inlet DN 80	1455
0558	Flange inlet DN 100	1465

ORDERING GUIDE:

To obtain the product code add the “**BODY ID.**” to the “**CONNECTION ID.**” for example:

1725STORZ.066 = Hydrant type C - DN 150 with two outlets STORZ B 75 depth 500mm

connections set

CONNECTION ID.	DESCRIPTION
G.066	Without connections
STORZ.066	Two STORZ B 75 outlets
AFNOR.066	Two DSP 65 outlets
BS.066	Two 2”1/2 BS 336 outlets
GOST.066	Two GOST 70 outlets
UNE.066	Two Barcelona 70 outlets
NH.066	Two 2”1/2 NH outlets
.066	Two UNI 70 outlets

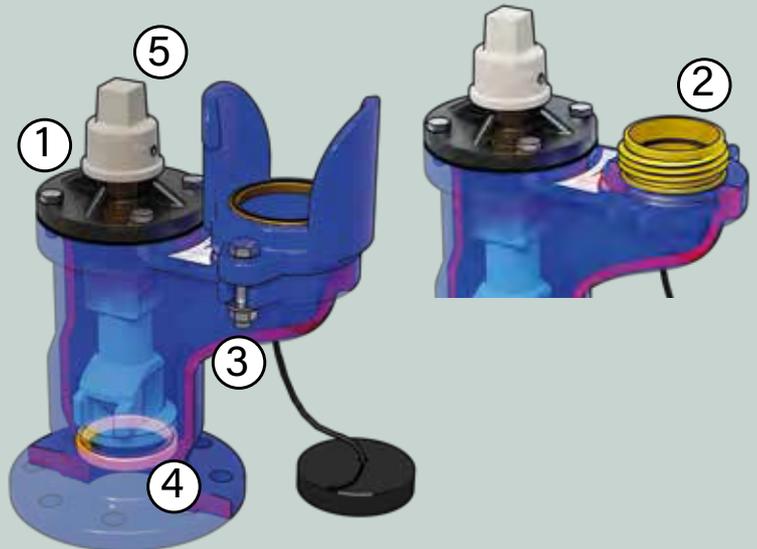


Underground hydrant is a device connected to a pressurized water supply designated to supply water for firefighting purposes. It is usually located under a manhole cover. Standpipe when connected to the outlet of the hydrant is used for taking water from underground hydrant and can have one or two hose connections.

Following customer's specification hydrant can be supplied:
 with threaded connection;
 with quick connection (bayonet grip coupling).
 Each hydrant is supplied with antifreeze drainage system. The drainage system automatically drains the water inside the hydrant when it is closed and prevent internal surface of the shell from corrosion. All parts of the drainage system are made of corrosion resistant materials.
 All components made of cast iron are duly coated to protect them against corrosion.

Model EUR-PRO

The EUR-PRO underground fire hydrant is designed for easy maintenance operation:
 The cap is bolted to the body of the hydrant ① to easily remove the obturator.
 The threaded outlet is screwed directly to the valve body ② while the quick bayonet outlet is assembled with bolts locked in U-slots ③.
 To facilitate maintenance, the anti-freeze drainage system can be removed without closing the water supply.
 Stem and seat ring made of brass to prevent corrosion ④.
 Operating nut id made from light alloy ⑤.



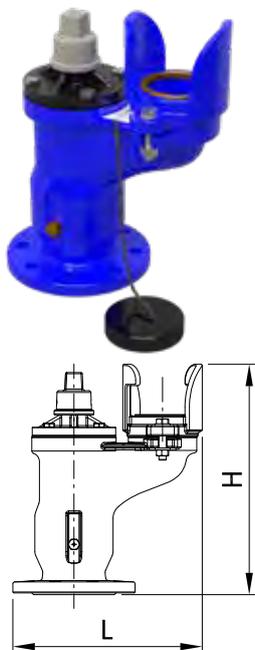
Concerning standpipe our production program include:

- TYPE A: with one outlet
- TYPE B: with two outlets.

Outlets of standpipe can be supplied with or without gate valve and with connection following different national standard:

- UNI (Italian standard)
- DSP (French standard)
- BS 336 (British standard)
- NH (American standard)
- STORZ (German standard)
- GOST (Russian standard)
- UNE (Spanish standard)





64/B Underground Hydrant style EUR-PRO

Underground fire hydrant style EUR-PRO DN 80

Underground fire hydrant with one outlet, antifreeze automatic drainage system, according to EN 14339, CE marking.

Suitable for drinking water.

With flange end PN 16 according to EN 1092-2.

Materials:

- Body, valve cover, obturator, quick connect outlet coupling: cast iron EN-GJL-250
- Seat seal and gaskets: NBR
- Stem, seat ring and draining system valve: brass
- Operating nut: light alloy
- Coating: blue corrosion resistant.

COD.	DESCRIPTION	H	L
0224P.064	Hydrant style EUR-PRO DN 80, quick connect outlet DN70	380	310

61 tType A Standpipe

Standpipe with one outlet, quick connect inlet DN 70 mm.

Material:

- head, inlet coupling: brass;
- pipe: steel with anticorrosion black coating.



COD.	DESCRIPTION	H
0591G.061	Standpipe without gate valve 2"1/2 BSP outlet	770
0595G.061	Standpipe with gate valve 2"1/2BSP outlet	885
0591STORZ.061	Standpipe without gate valve STORZ B 75 outlet	770
0595STORZ.061	Standpipe with gate valve STORZ B 75 outlet	885
0591BS.061	Standpipe without gate valve BS336 F outlet	770
0595BS.061	Standpipe with gate valve BS 336 F outlet	885

Other standard connections are available.

62 Type B Standpipe

Standpipe with two outlets, quick connect inlet DN 70 mm.

Material:

- head, inlet coupling: brass;
- pipe: steel with anticorrosion black coating.



BODY ID.	DESCRIPTION	H
0593G.062	Standpipe without gate valves 2"1/2 BSP outlets	770
0597G.062	Standpipe with gate valves 2"1/2 BSP outlets	885
0593STORZ.061	Standpipe without gate valve STORZ B 75 outlets	770
0597STORZ.061	Standpipe with gate valve STORZ B 75 outlets	885
0593BS.061	Standpipe without gate valve BS336 F outlets	770
0597BS.061	Standpipe with gate valve BS 336 F outlets	885

Other standard connections are available.

499 Sign Support Systems

Sign support system

Two models:

1 - to fix the sign to the firefighting equipment cabinet;

2 - to fix the sign to the upper barrel of pillar hydrant, placing it at a height of 1.5 m, suitable to be mounted on any type of pillar hydrant from DN 50 to DN 100.



Signs not included.

COD.	DESCRIPTION
2787.499	Support for small size cabinet (width from 35 to 45 cm)
2788.499	Support for medium-large size cabinet (width 50 cm or greater)

COD.	DESCRIPTION
2786.499	Pole for sign to be mounted on top of the column
2786C.499	Pole with sign to be mounted on top of the column

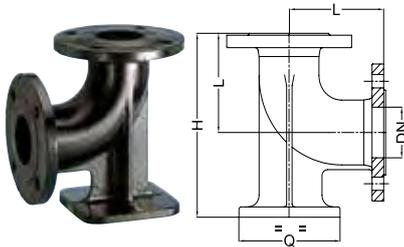
The pole for pillar hydrant is suitable to an aluminium sign width 250 mm x height 310 mm

67 Duck Foot Bend

Duck foot bend for pillar and underground hydrants.

Flange PN 16 according to EN 1092-2.

Material: cast iron according to EN 1563 with anticorrosion black coating.



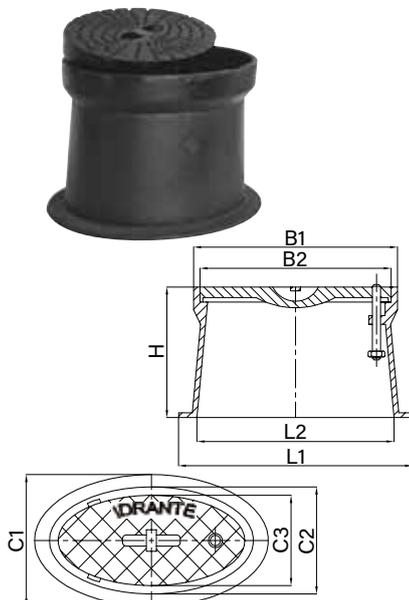
COD.	DESCRIPTION	L	Q	H
0190.067	DN 80	165	180	275
0191.067	DN 100	180	200	305
0225.067	DN 150	230	250	380

65 Manhole Cover

Oval shape manhole cover for underground hydrant

Available classes: 125 kN - 250 kN

Material: cast iron with anticorrosion black coating.

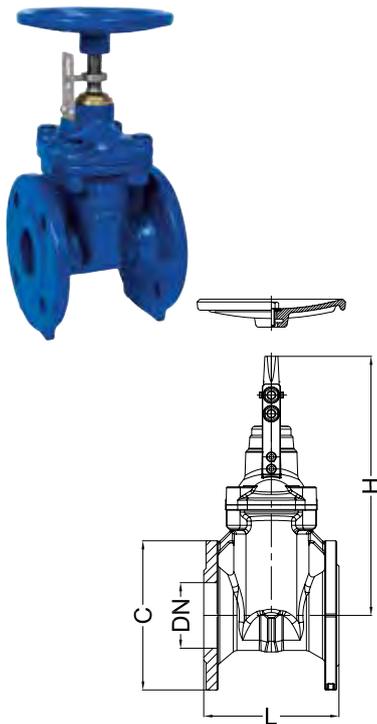


COD.	DESCRIPTION	H	L1	L2	B1	B2	C1	C2	C3
0193.065	Class 125kN	310	420	340	367	342	315	264	240
0193H.065	Class 250kN	310	420	340	367	342	315	262	237

CAST IRON VALVES



408 Gate Valve with Opening Indicator



Resilient seated gate valve

Application:

it can be installed on pipelines that carry fresh and hot water (max. 70°C) and other non-aggressive fluid.

Supplied with the added feature of a position indicator giving a visual indication of the valve position (open/close), especially required by Italian standard UNI 11443 for fire-protection piping systems.

It is also available without indicator, for other general hydraulic installation.

Pressure drop is minimal since when wedge is in opening position, it returns in the bonnet.

Flanged PN16 according to EN1092-2; flat body according to EN558-1.

Body bonnet and wedge made of ductile iron; NBR fully vulcanised wedge.

Epoxy coating minimum 250 microns.

COD.	DN	C	L	H
2650.408	50	165	150	280
2651.408	65	185	170	300
2652.408	80	200	180	330
2653.408	100	220	190	380
2654.408	125	250	200	430
2655.408	150	285	210	490
2656.408	200	340	230	580
2657.408	250	405	250	670
2658.408	300	460	270	780

106 Check Valve

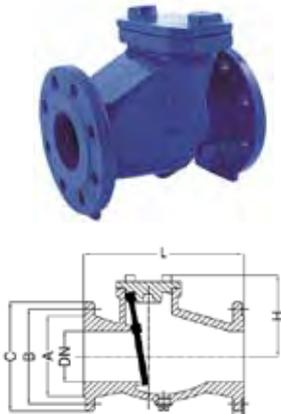
Check valve PN 16 flanged.

For horizontal or vertical installation with upward flow.

Flanged PN16 according to EN1092-2.

Body made of ductile iron; NBR fully vulcanised wedge.

Epoxy coating minimum 250 microns.



COD.	DN	C	L	H
2156PN16.106	50	165	200	118
2157PN16.106	65	185	240	124
2158PN16.106	80	200	260	144
2159PN16.106	100	220	300	154
2160PN16.106	125	250	350	179
2161PN16.106	150	285	400	184
2162PN16.106	200	340	500	245
2163PN16.106	250	405	600	310
2164PN16.106	300	460	700	350

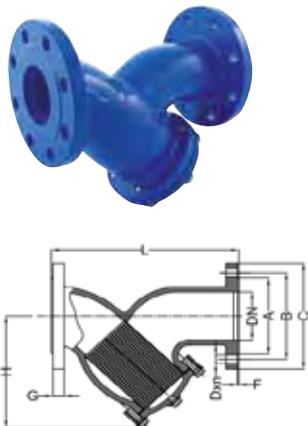
500 Y type Strainer

Y type strainer PN 16 flanged.

Flanged PN16 according to EN1092-2.

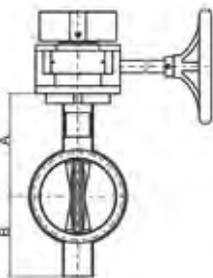
Body made of ductile iron; screen strainer made of stainless steel.

Epoxy coating minimum 250 microns.



COD.	DN	C	L	H
2819.500	40	150	200	118
2820.500	50	165	230	178
2821.500	65	185	290	187
2822.500	80	200	310	200
2823.500	100	220	350	226
2824.500	125	250	400	264
2825.500	150	285	480	309
2826.500	200	340	600	410
2827.500	250	405	730	444
2828.500	300	460	850	486

970/FM Grooved Butterfly Valve



Grooved Butterfly valve - UL/FM approved.

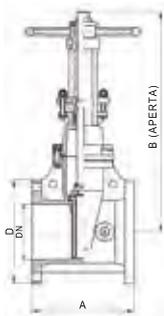
Material: Ductile iron A536 65-45-12

Working pressure 21 bar / 300 psi

With supervisory switch

COD.	DN	A	B
9122.970	2"1/2	96	75
9123.970	3"	105	90
9124.970	4"	135	110
9125.970	6"	165	145
9126.970	8"	204	175

961/FM OS&Y Gate Valve Flanged Pn 16

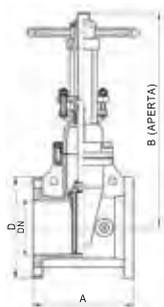


Resilient Seated OS&Y gate valve, flanged PN 16 - UL/FM approved

Material: nodular cast iron body - EPDM resilient wedge

COD.	DN	D	A	B
9099F.961	2" (DN 50)	152	178	418
9100F.961	2" 1/2 (DN 65)	178	190	408
8935F.961	3" (DN 80)	190	203	485
8936F.961	4" (DN 100)	229	229	605
8937F.961	6" (DN 150)	279	267	790
8938F.961	8" (DN 200)	343	292	1200
9101F.961	10" (DN 250)	406	330	1187
9102F.961	12" (DN 300)	483	356	1422

961/ANSI OS&Y Gate Valve Flanged ANSI 150

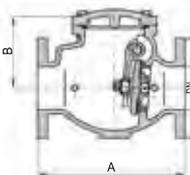


Resilient Seated OS&Y gate valve, flanged ANSI 150 - UL/FM approved

Material: nodular cast iron body - EPDM resilient wedge

COD.	DN	D	A	B
9100A.961	2" 1/2	178	190	408
8935A.961	3"	190	203	485
8936A.961	4"	229	229	605
8937A.961	6"	279	267	790
8938A.961	8"	343	292	1200
9101A.961	10"	406	330	1187
9102A.961	12"	483	356	1422

106/FM



PN16 Swing Check Valve - UL/FM approved.

Flanged PN 16.

Material: ductile iron A536 65-45-12

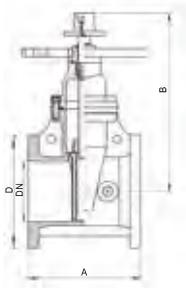
Working pressure: 21 bar / 300 psi

For horizontal or vertical installation with upward flow.

COD.	DN	D	A	B
9131.106	2" (DN 50)	152	203	122
9132.106	2" 1/2 (DN 65)	178	254	133
9133.106	3" (DN 80)	191	279	136,5
9134.106	4" (DN 100)	229	330	162,5
9135.106	6" (DN 150)	279	406	298,5
9136.106	8" (DN 200)	343	495	357
9137.106	10" (DN 250)	406	559	410
9138.106	12" (DN 300)	483	660	463



PN 16



959/F NRS Gate Valve PN 16

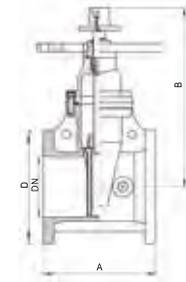
Resilient Seated NRS gate valve, flanged PN 16 - UL/FM approved

Material: nodular cast iron body - EPDM resilient wedge

COD.	DN	D	A	B
9103F.959	2" 1/2 (DN 65)	178	190	265
8939F.959	3" (DN 80)	190	203	335
8940F.959	4" (DN 100)	229	229	385
8941F.959	6" (DN 150)	279	267	460
8942F.959	8" (DN 200)	343	292	570
9104F.959	10" (DN 250)	406	330	650
9105F.959	12" (DN 300)	483	356	770



ANSI 150



959/ANSI NRS Gate Valve ANSI

Resilient Seated NRS gate valve, flanged ANSI 150 - UL/FM approved

Material: nodular cast iron body - EPDM resilient wedge

COD.	DN	D	A	B
9103A.959	2" 1/2	178	190	265
8939A.959	3"	190	203	335
8940A.959	4"	229	229	385
8941A.959	6"	279	267	460
8942A.959	8"	343	292	570
9104A.959	10"	406	330	650
9105A.959	12"	483	356	770



960 Post Indicator

Post indicator to be combined with NRS gate valve - UL/FM approved.

Two different models:

- WPI Wall Post Indicator, to manually operate through the wall a NRS gate valve that is not accessible, include a plastic window with an open / close indicator that will confirm the NRS status.

- VPI Vertical Post Indicator, to manually operate an underground NRS gate valve, with adjustable length to accommodate different bury depths, include a plastic window with an open / close indicator that will confirm the NRS status.

Material: Nodular cast iron body

COD.	Model
8943C.960	wall post indicator
8944C.960	vertical post indicator



960/C Supervisory Switch

Supervisory switch

Supervisory switch for OS&Y gate valves and post indicators

COD.	Model
8945.960	for OS&Y gate valve
8946.960	for vertical or wall post indicator

AUTOMATIC SPRINKLER SYSTEMS



The automatic sprinkler system is designed to detect the presence of a fire and extinguish it in the initial stage with water, or to keep the flames under control so that extinction can be completed by other means.

900 Wet Sprinkler Alarm Valve



FIREFLOW® model WET-1000 Wet Alarm Valve - CE approved

Features:

- Grooved end connections, sizes DN80 / DN100 / DN150.
- Ductile Iron valve body for low weight & high strength.
- Water pressure rating 175 PSI / 12 bar.
- Simple and easy access for clapper maintenance.
- All internal parts can be inspected without removing the valve from the system.
- External by-pass to avoid false alarm.
- Valve body painted inside & outside.
- Trim package completely pre-assembled.
- Drain valve.

Made in Italy by Boccione Antincendio and 100% factory tested.

COD.	DESCRIPTION
7003B.900	Grooved wet valve DN 80/3" with trim assembled
7004B.900	Grooved wet valve DN 100/4" with trim assembled
7005B.900	Grooved wet valve DN 150/6" with trim assembled



The Wet Alarm Valve shall be completed by follow components:

- Butterfly isolating valve
- Water alarm pressure switch
- Water motor alarm gong
- Retarding chamber (only if variable pressure water supply is expected)

accessories



COD.	RELATED ACCESSORIES
7009.902	Water motor alarm gong
7051.913	Water alarm pressure switch PS10 - 1 contact
7007B.901	Retarding chamber
9123.970	Grooved butterfly valve DN 80/3" with microswitch
9124.970	Grooved butterfly valve DN 100/4" with microswitch
9125.970	Grooved butterfly valve DN 150/6" with microswitch

903 Dry Pipe Alarm Valve



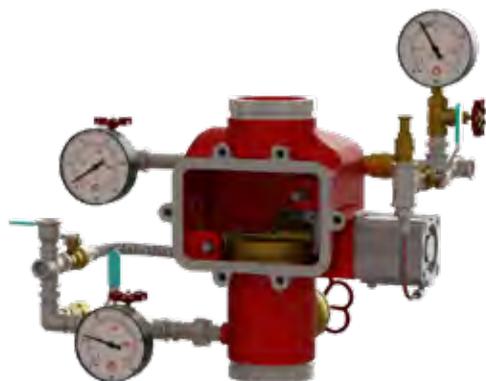
FIREFLOW® model DRY-1000 Dry Alarm Valve - CE approved

Features:

- Mechanical-type Dry Pipe Valve with a latch lever system.
- Grooved end connections, sizes DN80 / DN100 / DN150
- Water pressure rating 175PSI / 12Bar
- Air pressure rating (all sizes) 22PSI / 1,5Bar
- Ductile Iron body valve for low weight & high strength.
- Body valve painted inside & outside.
- Trim package completely pre-assembled.
- Upstream and downstream drain valves.

Made in Italy by Boccione Antincendio and 100% factory tested.

COD.	DESCRIPTION
7010B.903	Grooved dry valve DN 80/3" with trim assembled
7011B.903	Grooved dry valve DN 100/4" with trim assembled
7012B.903	Grooved dry valve DN 150/6" with trim assembled



The Dry Alarm Valve shall be completed by follow components:

- Butterfly isolating valve
- Water and air alarm pressure switches
- Water motor alarm gong
- Air Maintenance Device (optional)
- Dry Pipe Valve Accelerator (if requested by the project)

accessories



COD.	RELATED ACCESSORIES
7009.902	Water motor alarm gong
7051.913	Water alarm pressure switch PS10 - 1 contact
7053.913	Air alarm pressure switch PS40 - 1 contact
7030B.908	Air Maintenance Device
7025B.906	Dry Pipe Valve Accelerator
9123.970	Grooved butterfly valve DN 80/3" with microswitch
9124.970	Grooved butterfly valve DN 100/4" with microswitch
9125.970	Grooved butterfly valve DN 150/6" with microswitch



902 Alarm Gong

Water rotor alarm gong FIREFLOW® WMA-902 - CE UL/FM approved
 With gong, motor and Y strainer. Painted red RAL 3000.
 Service pressure 12 bar / 175 Psi

COD.	DESCRIPTION
7009.902	With gong, motor and Y strainer



901 Retard Chamber

Retard chamber FIREFLOW® RTC-901 CE approved for WET-1000 Alarm Valve.

For variable pressure systems.
 Ductile iron body, compliant to EN 1563. Grade 45S-400-15.
 Connections: 1/2" Gas inlet, 3/4" Gas outlet. Capacity: 3,8 Lt / 1 gallon

COD.	DESCRIPTION
7007B.901	For wet alarm valve



913 Pressure Switch

Pressure Switch PS10 / PS40 series - CE/UL/FM approved
 For remote alarm signal

FOR RISING PRESSURE		FOR FALLING PRESSURE	
COD.	MODEL	COD.	MODEL
7051.913	PS10-1 (1 switch)	7053.913	PS40-1 (1 switch)
7052.913	EPS10-2 (2 switches)	7054.913	EPS40-2 (2 switches)



912 Waterflow Detector

Vane Waterflow Detector, two switches - UL/FM/LPCB approved
 For remote alarm signal

Model for small pipes

COD.	DESCRIPTION
8000.912	With set of vanes for pipes from 1" to 2" diameter

Models for pipe sizes 2" through 8"

COD.	DESCRIPTION
8001.912	With U-bolt for pipe 2" diameter
7046.912	With U-bolt for pipe 2 1/2" diameter
7047.912	With U-bolt for pipe 3" diameter
7048.912	With U-bolt for pipe 4" diameter
7049.912	With U-bolt for pipe 6" diameter
7050.912	With U-bolt for pipe 8" diameter



906 Accelerator for Dry Pipe Valve



Accelerator Model B1 - UL/FM/LPCB approved

The accelerator is used to speed up the operation of dry pipe valves in dry-type automatic sprinkler systems. With pressure gauge.

COD.	DESCRIPTION
7025B.906	For dry alarm valve

908 Air Pressure Maintenance Device



Air Pressure Maintenance Device

To maintain pneumatic pressure in variable pressure systems.

COD.	DESCRIPTION
7030B.908	For variable pressure systems

918 Test and Drain Device



Test and drain device for sprinkler system

With ball valve with lockable handle and pressure gauge 0-25 bar.
Orifice size: 1/2" - 3/4"

COD.	Ø CONNECTIONS	Ø ORIFICE
7116B.918	1"	1/2"
7117B.918	1"	3/4"

918-UL/FM Inspector Test



Inspector test UL/FM approved

Made of brass. 1"1/4 Grooved connections.
Orifice size: 1/2" - 17/32"

COD.	Ø CONNECTIONS	Ø ORIFICE
7116.918	1" 1/4 grooved	1/2"
7117.918	1" 1/4 grooved	17/32"

475 Fire Department Connection

Siamese Fire Department Connection 90°

Connection 4" NPT x 2"1/2 NST.
UL/FM approved.



COD.	Ø CONNECTION	Ø INLETS
2795.475	4" F NPT	2"1/2 NST

Adaptor nipple to grooved connection

COD.	Ø CONNECTION	Ø OUTLET
2797.475	4" grooved	4" M NPT

919/A Upright Sprinkler 1/2"



Upright Sprinkler 1/2" - CE UL/FM approved

Thread size 1/2" NPT - Orifice size 1/2" (13mm) - K factor 80 - For upright installation in dry, wet or pre-action systems - Max. working pressure 12 bar. Brass finish.

STANDARD RESPONSE	
COD.	TEMPERATURE
7124.919	57 °C
7125.919	68 °C
7126.919	79 °C
7127.919	93 °C
7128.919	141 °C

QUICK RESPONSE	
COD.	TEMPERATURE
7124QR.919	57 °C
7125QR.919	68 °C
7126QR.919	79 °C
7127QR.919	93 °C
7128QR.919	141 °C

919/B Pendent Sprinkler 1/2"



Pendent Sprinkler 1/2" - CE UL/FM approved

Thread size 1/2" NPT - Orifice size 1/2" (13mm) - K factor 80 - For pendent installation in wet systems - Max. working pressure 12 bar. Brass finish.

STANDARD RESPONSE	
COD.	TEMPERATURE
7139.919	57 °C
7140.919	68 °C
7141.919	79 °C
7142.919	93 °C
7143.919	141 °C

QUICK RESPONSE	
COD.	TEMPERATURE
7139QR.919	57 °C
7140QR.919	68 °C
7141QR.919	79 °C
7142QR.919	93 °C
7143QR.919	141 °C

920/A Upright Sprinkler 3/4"



Sprinkler Upright 3/4" - CE approved

Thread size 3/4" NPT - Orifice size 17/32" (14mm) - K factor 115 - For upright installation in dry, wet or pre-action systems - Max. working pressure 12 bar. Brass finish.

STANDARD RESPONSE	
COD.	TEMPERATURE
7154.920	57 °C
7155.920	68 °C
7156.920	79 °C
7157.920	93 °C
7158.920	141 °C

QUICK RESPONSE	
COD.	TEMPERATURE
7154QR.920	57 °C
7155QR.920	68 °C
7156QR.920	79 °C
7157QR.920	93 °C
7158QR.920	141 °C

920/B Upright Sprinkler 3/4"



Sprinkler Pendent 3/4" - CE approved

Thread size 3/4" NPT - Orifice size 17/32" (14mm) - K factor 115 - For pendent installation in wet systems - Max. working pressure 12 bar. Brass finish.

STANDARD RESPONSE	
COD.	TEMPERATURE
7169.920	57 °C
7170.920	68 °C
7171.920	79 °C
7172.920	93 °C
7173.920	141 °C

QUICK RESPONSE	
COD.	TEMPERATURE
7169QR.920	57 °C
7170QR.920	68 °C
7171QR.920	79 °C
7172QR.920	93 °C
7173QR.920	141 °C

919/C Pendent Sprinkler - Chrome or White finish



Pendent Sprinkler 1/2" - Standard Response - CE UL/FM approved

Thread size 1/2" NPT - Orifice size 1/2" (13mm) - K factor 80 - For pendent installation in wet systems - Max. working pressure 12 bar.

CHROME FINISH		WHITE FINISH	
COD.	TEMPERATURE	COD.	TEMPERATURE
7144.919	57 °C	7149.919	57 °C
7145.919	68 °C	7150.919	68 °C
7146.919	79 °C	7151.919	79 °C
7147.919	93 °C	7152.919	93 °C
7148.919	141 °C	7153.919	141 °C

921 Conventional Sprinkler



Conventional Sprinkler 1/2" - Standard Response - CE approved

Thread size 1/2" NPT - Orifice size 1/2" (13mm) - K factor 80 - For upright or pendent installation in wet systems - Max. working pressure 12 bar
Brass finish.

COD.	TEMPERATURE
7184.921	57 °C
7185.921	68 °C
7186.921	79 °C
7187.921	93 °C

950 Sidewall Sprinkler



Sidewall Sprinkler 1/2" - Standard Response - UL approved

Thread size 1/2" NPT - Orifice size 1/2" (13mm) - K factor 80 - For horizontal installation in wet systems - Max. working pressure 12 bar
Brass finish.

COD.	TEMPERATURE
8050.950	57 °C
8051.950	68 °C
8052.950	79 °C
8053.950	93 °C

949 Concealed Sprinkler



Concealed Sprinkler 1/2" - Quick Response - CE/LPCB approved

Thread size 1/2" NPT - Orifice size 1/2" (13mm) - K factor 80 - For installation in false ceilings for wet systems - Max. working pressure 12 bar

CONCEALED 1/2" K80		
COD.	TYPE	TEMPERATURE
8040.949	Sprinkler with white plate	72/60

922 Escutcheon for Sprinkler Head



Two Piece Escutcheon

Recessed two piece push fit rosette suitable for most 1/2" and 3/4" pendent sprinkler heads. Maximum adjustment depth -20mm.

Polished chrome finish

COD.	SPRINKLER SIZE	ADJUSTMENT
7196.922	For 1/2" sprinkler	20mm
7200.922	For 3/4" sprinkler	20mm

White finish

COD.	SPRINKLER SIZE	ADJUSTMENT
7197.922	For 1/2" sprinkler	20mm
7201.922	For 3/4" sprinkler	20mm

956 Sprinkler Guard / Baffle Plate

Sprinkler Guard and Baffle Plate

Sprinkler head guards



COD.	DESCRIPTION
8917.956	1/2" sprinkler guard
8918.956	3/4" sprinkler guard

Baffle plates and sprinkler head guards with baffle plates

COD.	DESCRIPTION
8921.956	Combined sprinkler guard & baffle plate for upright type 1/2" sprinklers
8922.956	Combined sprinkler guard & baffle plate for upright type 3/4" sprinklers
8923.956	1/2" pendent type sprinkler baffle plate
8924.956	3/4" pendent type sprinkler baffle plate

951 Water Curtain Nozzle

Water Curtain Nozzle 1/2"

Inlet thread 1/2" GAS - For vertical or horizontal installation in deluge systems - Spray angle 180° - Max. working pressure 12 bar.

Brass finish.



COD.	Ø ORIFICE	K Factor
8068B.951	6 mm	20
8070B.951	8.5 mm	40
8071B.951	10.5 mm	60
8072B.951	12 mm	80

966 Spray Nozzle

Spray Nozzle 1/2"

Inlet thread 1/2" GAS - For installation in deluge systems - Max. working pressure 12 bar.

Brass finish.



COD.	K Factor	DISCHARGE ANGLE
8098B.966	20	120°
8099B.966	40	120°
8100B.966	60	120°
8101B.966	80	120°

967 flexible sprinkler connections

RF-200 Braided Flexible Hose

REALFLEX® style RF-200 flexible sprinkler hoses are designed for midline connection between water supply pipeline and sprinkler heads, into commercial suspended ceilings with medium or heavy t-bars grids as described in ASTM C635 & C636 standards. FM approved.

Threaded 1" male inlet - Threaded 1/2" or 3/4" outlet for sprinkler connection - Maximum working pressure 12 bar - complete with fixing system.



COD.	DESCRIPTION	Length
8810.967	1/2" outlet - with stainless steel braid	700
8811.967	1/2" outlet - with stainless steel braid	1000
8812.967	1/2" outlet - with stainless steel braid	1200
8813.967	1/2" outlet - with stainless steel braid	1500
8815.967	3/4" outlet - with stainless steel braid	1000



927 Sprinkler Spares Cabinet

Sprinkler Spares Cabinet

Required by the EN 12845 standard.

Spares cabinet are fixed shelves that can accommodate sprinkler heads with a maximum height of 90mm and thread diameter of 22mm. The cabinets are pre drilled for wall mounting.



COD.	DESCRIPTION
7226.927	Made of steel, for 12 sprinkler heads

928 Sprinkler Wrench

Sprinkler Wrench

For pendent / upright / sidewall sprinkler heads



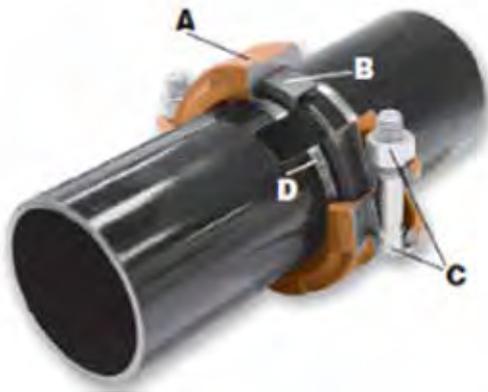
COD.	DESCRIPTION
7232.928	for 1/2" sprinkler
7236.928	for 3/4" sprinkler



For concealed sprinkler head

COD.	DESCRIPTION
7237.928	Sprinkler socket for 1/2" concealed head

Durable. Flexible. Safe. Easy to install. Easy to maintain. That's Anvil's Gr8LOK product line. Gr8LOK gives your building the toughest, simplest, and most adaptable piping system possible. Through a combination of roll-grooving and two-bolt coupling design, this innovative product line joins piping and other components into a single rugged yet flexible system. This makes Gr8LOK products ideal for a variety of applications such as plumbing, fire protection, HVAC, water supply systems - particularly in tight spaces such as subfloors, UFAD systems, crawlspaces, trenches, and tunnels. Gr8LOK products eliminate the need for traditional expansion joints, allowing your system to expand and contract with your needs. With a Gr8LOK union at every joint, you have the freedom to make on-site tweaks without altering the overall design of your system. Maintenance is as simple and flexible as installation. Every component in a Gr8LOK system is easily replaceable and easily accessed, so that you can make repairs without resorting to a total shut-down.



HOUSING (A) FLEXIBLE OR RIGID

The Gr8LOK Coupling housing is designed to self-center around the pipe. The housing encircles and retains the gasket against the application of internal system pressure.

The housing key sections fit into and engage the pipe-end grooves around the entire pipe circumference, thus restraining the pipe ends from separation due to the application of internal pressure.

Flexible Couplings provide designed-in clearances between the housing key sections and the pipe grooves to permit both angular and longitudinal movement of the pipe.

Rigid couplings grip the pipe and lock the joint into position.

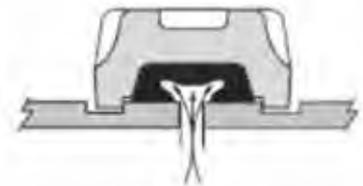
All housings are coated with paint for general service applications. The paint serves to provide protection against normal atmospheric corrosion. However, for couplings used in corrosive environments, hot-dip galvanizing are available.

GASKET (B)

The unique single piece "C" style design of the gasket has been engineered to provide a pressure responsive seal without the aid of external forces. The "lips" of the gasket are molded so that upon installation onto the pipe ends they provide compression against the pipe surface to establish the leak-tight seal.

The gasket cavity functions as a "pressure reservoir".

Pressure within the pipe system is applied to the internal surfaces of the gasket which increases the sealing force and enhances the leak-tight seal.



BOLTS AND NUTS (C)

Heat treated oval neck track head bolts serve to connect and secure the housing segments together. The oval neck design prevents turning of the bolt while tightening the hex nut with a single wrench. The bolt size and corresponding wrench (or socket) size for the hex nuts are shown in the chart below.

GROOVED PIPE ENDS (D)

The ends of the pipe must have a groove in them which may be either cut grooved or roll grooved. The grooved pipe ends engage the coupling keys, thus, providing a self-restraining, mechanical joint capable of resisting the separation of the pipe ends due to the application of system pressure. The groove diameters must be dimensionally accurate to obtain the maximum benefit of the Gr8LOK Coupling.

929 Rigid Coupling

Rigid Coupling - For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - Designed to maintain the linearity of the pipes.
Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
9004G.929	33,7	1	50	8400
9005G.929	42,4	1 1/4	45	8400
9006G.929	48,3	1 1/2	40	8400
9007G.929	60,3	2	35	8400
9008G.929	76,1	2 1/2	28	8400
9009G.929	88,9	3	20	8400S
9010G.929	114,3	4	14	8400S
9011G.929	139,7	5	10	8400S
9012G.929	168,3	6	7	8400S
9013G.929	219,1	8	4	8400S
9014G.929	273,0	10	27	8400S
9015G.929	323,9	12	22	8400

930 Flexible Coupling

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - Designed to permit both angular and longitudinal movement of the pipe. Attenuates vibrations and noises. Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7264G.930	33,7	1	50	8000
7265G.930	42,4	1 1/4	45	8000
7266G.930	48,3	1 1/2	40	8000
7267G.930	60,3	2	35	8000
7268G.930	76,1	2 1/2	28	8000
7269G.930	88,9	3	20	8000
7270G.930	114,3	4	12	8000
7271G.930	139,7	5	8	8000
7272G.930	168,3	6	6	8000
7273G.930	219,1	8	4	8000
7274G.930	273,0	10	32	8000
7275G.930	323,9	12	22	8000

931 Reducing Coupling

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - The Reducing Coupling makes it possible to directly connect two different pipe sizes, eliminating the need for two couplings and a reducing fitting.
Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7287G.931	60.3 x 48.3	2 x 1 1/2	35	8010
7288G.931	76.1 x 60.3	2 1/2 x 2	28	8010
7289G.931	88.9 x 60.3	3 x 2	20	8010
7290G.931	88.9 x 76.1	3 x 2 1/2	20	8010
7291G.931	114.3 x 60.3	4 x 2	12	8010
7292G.931	114.3 x 76.1	4 x 2 1/2	12	8010
7293G.931	114.3 x 88.9	4 x 3	12	8010

935 Grooved 90° Elbow

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7481G.935	33,0	1	90	8050
7482G.935	42,4	1 1/4	60	8050
7483G.935	48,3	1 1/2	50	8050
7484G.935	60,3	2	32	8450
7485G.935	76,1	2 1/2	18	8450
7486G.935	88,9	3	10	8450
7487G.935	114,3	4	6	8450
7488G.935	139,7	5	2	8450
7489G.935	168,3	6	2	8450
7490G.935	219,1	8	18	8450
7491G.935	273,0	10	8	8050
7492G.935	323,9	12	4	8050

936 Grooved 45° Elbow

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7503G.936	33,7	1	100	8051
7504G.936	42,4	1 1/4	90	8051
7505G.936	48,3	1 1/2	60	8051
7506G.936	60,3	2	36	8051
7507G.936	76,1	2 1/2	24	8051
7508G.936	88,9	3	12	8051
7509G.936	114,3	4	8	8051
7510G.936	139,7	5	2	8051
7511G.936	168,3	6	2	8051
7512G.936	219,1	8	1	8051
7513G.936	273,0	10	12	8051

937 Grooved TEE

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7525G.937	33,7	1	60	8060
7526G.937	42,4	1 1/4	40	8060
7527G.937	48,3	1 1/2	35	8060
7528G.937	60,3	2	18	8460
7529G.937	76,1	2 1/2	12	8460
7530G.937	88,9	3	6	8460
7531G.937	114,3	4	4	8460
7532G.937	139,7	5	2	8460
7533G.937	168,3	6	1	8460
7534G.937	219,1	8	14	8460
7535G.937	273,0	10	8	8460

942 Grooved Cross

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7581G.942	60,3	2	10	8068
7582G.942	76,1	2 1/2	6	8068
7583G.942	88,9	3	3	8068
7584G.942	114,3	4	2	8068
7586G.942	168,3	6	12	8068

939 Grooved Concentric Reducer

For fire fighting and plumbing installations - Max. Working Pressure 21 bar. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7658G.939	48 x 33	1 1/2 x 1	100	8072
7659G.939	48 x 42	1 1/2 x 1 1/4	100	8072
7660G.939	60 x 33	2 x 1	60	8072
7661G.939	60 x 42	2 x 1 1/4	60	8072
7662G.939	60 x 48	2 x 1 1/2	60	8072
7663G.939	76 x 48	2 1/2 x 1 1/2	50	8072
7664G.939	76 x 60	2 1/2 x 2	50	8072
7665G.939	89 x 48	3 x 1 1/2	44	8072
7666G.939	89 x 60	3 x 2	44	8072
7667G.939	89 x 76	3 x 2 1/2	38	8072
7668G.939	114 x 60	4 x 2	25	8072
7669G.939	114 x 76	4 x 2 1/2	18	8072
7670G.939	114 x 89	4 x 3	18	8072
7671G.939	139 x 89	5 x 3	12	8072
7672G.939	139 x 114	5 x 4	12	8072
7673G.939	168 x 89	6 x 3	8	8072
7674G.939	168 x 114	6 x 4	8	8072
7675G.939	168 x 139	6 x 5	8	8072
7676G.939	219 x 114	8 x 4	4	8072
7677G.939	219 x 139	8 x 5	4	8072
7678G.939	219 x 168	8 x 6	4	8072
7680G.939	273 x 219	10 x 8	28	8072
7681G.939	323 x 219	12 x 8	18	8072
7682G.939	323 x 273	12 x 10	18	8072

933 Mechanical TEE With Grooved Outlet

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - Provides a quick and easy outlet at any location along the pipe.

Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7413G.933	60 x 42	2 x 1 1/4	28	8046
7414G.933	60 x 48	2 x 1 1/2	28	8046
7418G.933	76 x 42	2 1/2 x 1 1/4	22	8046
7419G.933	76 x 48	2 1/2 x 1 1/2	22	8046
7423G.933	89 x 42	3 x 1 1/4	14	8046
7424G.933	89 x 48	3 x 1 1/2	14	8046
7425G.933	89 x 60	3 x 2	14	8046
7429G.933	114 x 42	4 x 1 1/4	12	8046
7430G.933	114 x 48	4 x 1 1/2	12	8046
7431G.933	114 x 60	4 x 2	9	8046
7432G.933	114 x 76	4 x 2 1/2	9	8046
7433G.933	114 x 89	4 x 3	9	8046
7436G.933	139 x 60	5 x 2	4	8046
7437G.933	139 x 76	5 x 2 1/2	4	8046
7438G.933	139 x 89	5 x 3	3	8046
7441G.933	168 x 60	6 x 2	4	8046
7442G.933	168 x 76	6 x 2 1/2	4	8046
7443G.933	168 x 89	6 x 3	4	8046
7446G.933	168 x 114	6 x 4	3	8046
7444G.933	219 x 89	8 x 3	2	8046
7445G.933	219 x 114	8 x 4	2	8046

932 Threaded Mechanical Branch TEE

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - Provides a quick and easy outlet at any location along the pipe.
Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7313G.932	60 x 42	2 x 1 1/4	28	8045
7314G.932	60 x 48	2 x 1 1/2	28	8045
7318G.932	76 x 42	2 1/2 x 1 1/4	22	8045
7319G.932	76 x 48	2 1/2 x 1 1/2	22	8045
7320G.932	89 x 21	3 x 1/2	14	8045
7321G.932	89 x 26	3 x 3/4	14	8045
7322G.932	89 x 33	3 x 1	14	8045
7323G.932	89 x 42	3 x 1 1/4	14	8045
7324G.932	89 x 48	3 x 1 1/2	14	8045
7325G.932	89 x 60	3 x 2	14	8045
7326G.932	114 x 21	4 x 1/2	12	8045
7327G.932	114 x 26	4 x 3/4	12	8045
7328G.932	114 x 33	4 x 1	12	8045
7329G.932	114 x 42	4 x 1 1/4	12	8045
7330G.932	114 x 48	4 x 1 1/2	12	8045
7331G.932	114 x 60	4 x 2	9	8045
7332G.932	114 x 76	4 x 2 1/2	9	8045
7333G.932	114 x 89	4 x 3	7	8045
7334G.932	139 x 42	5 x 1 1/4	4	8045
7335G.932	139 x 48	5 x 1 1/2	4	8045
7336G.932	139 x 60	5 x 2	3	8045
7337G.932	139 x 76	5 x 2 1/2	3	8045
7338G.932	139 x 89	5 x 3	3	8045
7339G.932	168 x 42	6 x 1 1/4	6	8045
7340G.932	168 x 48	6 x 1 1/2	6	8045
7341G.932	168 x 60	6 x 2	4	8045
7342G.932	168 x 76	6 x 2 1/2	4	8045
7343G.932	168 x 89	6 x 3	4	8045
7344G.932	219 x 89	8 x 3	3	8045
7345G.932	219 x 114	8 x 4	2	8045

934 Mechanical TEE with U-Bolt

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar. Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
8950G.934	42 x 21	1 1/4 x 1/2	50	8043
8951G.934	42 x 26	1 1/4 x 3/4	50	8043
8952G.934	42 x 33	1 1/4 x 1	50	8043
8953G.934	48 x 21	1 1/2 x 1/2	50	8043
8954G.934	48 x 26	1 1/2 x 3/4	50	8043
8955G.934	48 x 33	1 1/2 x 1	50	8043
8956G.934	60 x 21	2 x 1/2	45	8043
8957G.934	60 x 26	2 x 3/4	45	8043
8958G.934	60 x 33	2 x 1	45	8043
8959G.934	76 x 21	2 1/2 x 1/2	40	8043
8960G.934	76 x 26	2 1/2 x 3/4	40	8043
8961G.934	76 x 33	2 1/2 x 1	40	8043

938 Grooved Cap

For fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7548G.938	33,7	1	200	8074
7549G.938	42,4	1 1/4	150	8074
7550G.938	48,3	1 1/2	100	8074
7551G.938	60,3	2	80	8074
7552G.938	76,1	2 1/2	60	8074
7553G.938	88,9	3	50	8074
7554G.938	114,3	4	30	8074
7555G.938	139,7	5	20	8074
7556G.938	168,3	6	12	8074
7557G.938	219,1	8	8	8074

941 Grooved Flange

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - The Grooved Flange makes it possible for a direct connection of class PN 16 flanged components to a grooved piping system.

Working Temperature Range: from -34°C to +110°C. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7777G.941	60,3	2	12	8012
7778G.941	76,1	2 1/2	12	8012
7779G.941	88,9	3	10	8012
7780G.941	114,3	4	10	8012
7781G.941	139,7	5	6	8012
7782G.941	168,3	6	120	8012
7783G.941	219,1	8	80	8012

941 Grooved Flange Adapter

For fire fighting and plumbing installations - Max. Working Pressure 21 bar - The Flange Adapter allows for connection of class PN 16 flanged components to a grooved piping system. UL/FM approved - Painted red.



COD.	mm	INCH	BOX	GR8LOK mod.
7754G.941	60,3	2	12	8084
7755G.941	76,1	2 1/2	6	8084
7756G.941	88,9	3	6	8084
7757G.941	114,3	4	4	8084
7758G.941	139,7	5	3	8084
7759G.941	168,3	6	48	8084
7760G.941	219,1	8	30	8084
7761G.941	273,0	10	21	8084
7762G.941	323,9	12	12	8084

917 Grooved x Threaded Nipple

Adapter Nipple - Grooved x Threaded
Made of steel. BSPT threaded, cut grooved.



COD.	Ø	Length - mm.
9019.917	1" 1/4	100
9020.917	1" 1/2	100
9021.917	2"	100
9022.917	2" 1/2	100
9023.917	3"	100
9024.917	4"	100

FOR
DRINKING
WATER

Galvanized grooved coupling and fittings are suitable for drinking water in compliance with the Italian Decree dated 6th April 2004, n. 174 of the Ministry of Health.

929/Z Rigid coupling - Galvanized

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - Designed to maintain the linearity of the pipes.

Working Temperature Range: from -34°C to +110°C. UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
9006Z.929	48,3	1 1/2	40	8400
9007Z.929	60,3	2	35	8400
9008Z.929	76,1	2 1/2	28	8400
9009Z.929	88,9	3	20	8400S
9010Z.929	114,3	4	14	8400S
9011Z.929	139,7	5	10	8400S
9012Z.929	168,3	6	7	8400S
9013Z.929	219,1	8	4	8400S

935/Z Grooved 90° Elbow - Galvanized

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar. UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
7483Z.935	48,3	1 1/2	50	8050
7484Z.935	60,3	2	32	8450
7485Z.935	76,1	2 1/2	18	8450
7486Z.935	88,9	3	10	8450
7487Z.935	114,3	4	6	8450
7488Z.935	139,7	5	2	8450
7489Z.935	168,3	6	2	8450
7490Z.935	219,1	8	18	8450

936/Z Grooved 45° Elbow - Galvanized

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar. UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
7505Z.936	48,3	1 1/2	60	8051
7506Z.936	60,3	2	36	8051
7507Z.936	76,1	2 1/2	24	8051
7508Z.936	88,9	3	12	8051
7509Z.936	114,3	4	8	8051
7510Z.936	139,7	5	2	8051
7511Z.936	168,3	6	2	8051
7512Z.936	219,1	8	1	8051

937/Z Grooved TEE - Galvanized

Short style, for fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
7527Z.937	48,3	1 1/2	35	8060
7528Z.937	60,3	2	18	8460
7529Z.937	76,1	2 1/2	12	8460
7530Z.937	88,9	3	6	8460
7531Z.937	114,3	4	4	8460
7532Z.937	139,7	5	2	8460
7533Z.937	168,3	6	1	8460
7534Z.937	219,1	8	14	8460

938/Z Grooved Cap - Galvanized

For fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
7550Z.938	48,3	1 1/2	100	8074
7551Z.938	60,3	2	80	8074
7552Z.938	76,1	2 1/2	60	8074
7553Z.938	88,9	3	50	8074
7554Z.938	114,3	4	30	8074
7555Z.938	139,7	5	20	8074
7556Z.938	168,3	6	12	8074
7557Z.938	219,1	8	8	8074

939/Z Grooved Concentric Reducer - Galvanized

For fire fighting and plumbing installations - Max. Working Pressure 21 bar.
UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
7662Z.939	60 x 48	2 x 1 1/2	60	8072
7664Z.939	76 x 60	2 1/2 x 2	50	8072
7666Z.939	89 x 60	3 x 2	44	8072
7667Z.939	89 x 76	3 x 2 1/2	38	8072
7668Z.939	114 x 60	4 x 2	25	8072
7670Z.939	114 x 89	4 x 3	18	8072
7671Z.939	139 x 89	5 x 3	12	8072
7672Z.939	139 x 114	5 x 4	12	8072
7673Z.939	168 x 89	6 x 3	8	8072
7674Z.939	168 x 114	6 x 4	8	8072
7676Z.939	219 x 114	8 x 4	4	8072
7678Z.939	219 x 168	8 x 6	4	8072

941/Z Grooved Flange - Galvanized

For fire fighting and plumbing installations - EPDM grade E gasket - Max. Working Pressure 21 bar - The Grooved Flange makes it possible for a direct connection of class PN 16 flanged components to a grooved piping system.

Working Temperature Range: from -34°C to +110°C. UL/FM approved - Hot-dip galvanized.



COD.	mm	INCH	BOX	GR8LOK mod.
7777Z.941	60,3	2	12	8012
7778Z.941	76,1	2 1/2	12	8012
7779Z.941	88,9	3	10	8012
7780Z.941	114,3	4	10	8012
7781Z.941	139,7	5	6	8012
7782Z.941	168,3	6	120	8012
7783Z.941	219,1	8	80	8012



952 Pipe Joint Lubricant

Biodegradable, non-toxic - Its creamy consistency allows the installer to apply a smooth, even coating of Lubricant to both the gasket and pipe.

COD.	DESCRIPTION	BOX	MODEL
9003.952	900 gram jar	12	PHOENIX 27-XL

944 Nitrile Gasket for Rigid Couplings

Recommended for petroleum products, vegetable oils, mineral oils, and air contaminated with petroleum oils.



COD.	mm	INCH
8005G.944	42,4	1 1/4
8006G.944	48,3	1 1/2
8007G.944	60,3	2
8008G.944	76,1	2 1/2
8009G.944	88,9	3
8010G.944	114,3	4
8012G.944	168,3	6

991 Omega type Seismic Joints



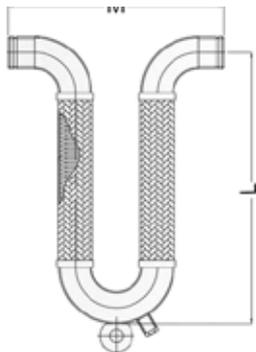
Seismic Joints are intermediary connection components used to absorb the unexpected random dynamic loads that may be originate from an earthquake and they are also used to remove the stress in the fire protection pipeline, by moving in six possible directions together with the building, in order to ensure the pipeline continue efficiency without any service interruption.

With grooved connections.

FM approved.

Pipe movement allowed +/- 100 mm (tot. 200 mm) along the orthogonal axes X-Y-Z.

AISI 304 stainless steel braided hose. Maximum working pressure 1,7 MPa - 17 bar.

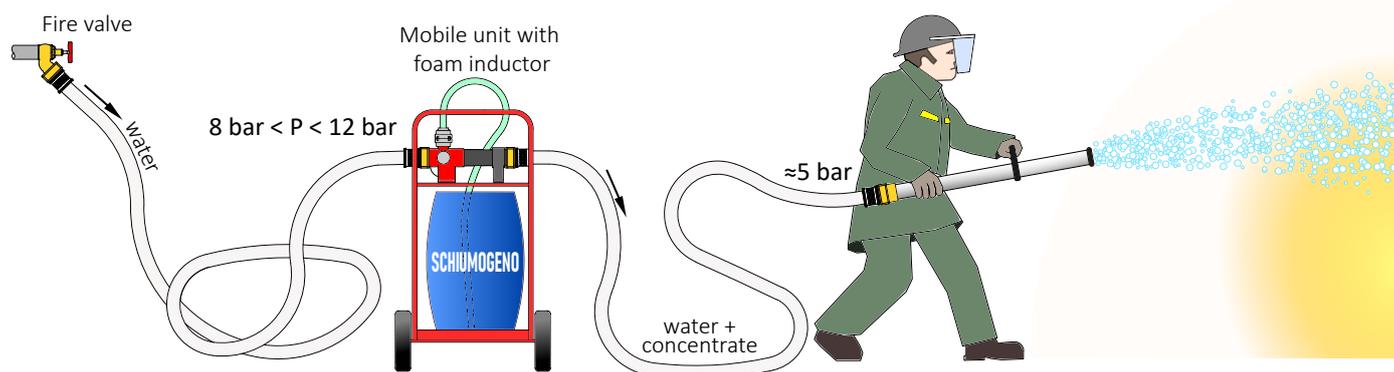


COD.	Ø tubazione	M (mm)	L (mm)
9211.991	1" - DN 25	302	500
9212.991	1 1/4" - DN 32	340	525
9213.991	1 1/2" - DN 40	378	575
9214.991	2" - DN 50	414	625
9215.991	2 1/2" - DN 65	510	700
9216.991	3" - DN 80	598	750
9217.991	4" - DN 100	780	875
9218.991	5" - DN 125	942	1000
9219.991	6" - DN 150	1084	1150
9220.991	8" - DN 200	1420	1450

WATER/FOAM SYSTEMS AND DEVICES, FLOW METERS



Water-foam systems are the recommended fire-fighting appliance to protect areas where large quantities of highly flammable liquid (like hydrocarbons) are stocked.



649 Low Expansion Foam Nozzle

Low expansion foam nozzle compliant to EN 16712-3

Steel body, BSP threaded inlet. Without mixer.

Available on request with connections STORZ, DSP, BS, NH, GOST, UNI, Barcelona



COD.	DESCRIPTION	Flow rate 5 bar (l/min)
2110G.649	2" BSP - S2	200
2111G.649	2" BSP - S4	400

Available with connection STORZ, DSP, BS, NH, GOST, UNI, Barcelona.

648 Medium Expansion Foam Nozzle

Medium expansion foam nozzle compliant to EN 16712-3

Steel body, BSP threaded inlet. Without mixer.



COD.	DESCRIPTION	Portata a 5 bar (l/min)
2120G.648	2" BSP - M2	200
2121G.648	2" BSP - M4	400

Available with connection STORZ, DSP, BS, NH, GOST, UNI, Barcelona.

647 Foam Inductor

Foam inductor compliant to EN 16712-1

Made of light alloy; adjustable foam mixture from 1% to 6%.



COD.	DESCRIPTION	Portata a 5 bar (l/min)
2130G.647	2" BSP - Z2 - without pick-up hose	200
2131G.647	2" BSP - Z4 - without pick-up hose	400

Available with connections STORZ, DSP, BS, NH, GOST, UNI, Barcelona (price on request).

Pick-up hose for foam inductor compliant to EN 16712-2

COD.	DESCRIPTION
2130P.647	PVC pick-up hose DN 19 - 1.5 m - with Storz 25 connection

552 Trolley for Foam Unit



Foam unit on trolley

Made with carbon steel red RAL 3000 coated.

Composed of:

- two wheels
- shelf for fixing the mixer
- metal box for accessory
- support surface for foam concentrate container with locking chains

Suitable for 100 KG container.

COD.	DESCRIPTION
1074.552	Dimensioni H 1200 x 770 x 770

Configuration sample



689A Water / Foam System Cabinet

Water / foam system cabinet

Composed of:

- Carbon steel cabinet, red RAL 3000 PAINTED, with shelves adjustable in height.
- Low expansion foam nozzle or medium expansion foam nozzle with flow rate of 200 l/min
- Foam inductor
- DN 45 mm coupled fire hose length 20m
- Inlet stop ball valve
- Elbow and connection fittings

COD.	DESCRIPTION
8391.689	Water / foam system cabinet with low expansion foam nozzle
8392.689	Water / foam system cabinet with medium expansion foam nozzle

N.B.: two 25 kg containers of foaming liquid to be ordered separately

Water inlet
(optionally from right or left)



691 Foam Concentrates

Foam concentrates

TYPE AND USE	EXPANSION	COD.	MIXTURE	Kg.
AFFF Film Forming Foam designed and recommended for fast fire knockdown on hydrocarbon fires. Can also be used in sprinkler systems.	Low and Medium	8402.691	3%	25
		8403.691	6%	
		8404.691	3%	100
		8405.691	6%	
		8406.691	3%	
8407.691	6%	200		
Synthetic. Suitable for hydrocarbon and various class A materials fires (wood, paper, plastic).	Low, Medium and High	8373.691	From 3% to 6%	25
		8379.691		100
		8408.691		200
Universal. Suitable for fires of petrochemical products, alcohols, solvents, paints and derivatives.	Low and Medium	8377.691	3%	25
		8378.691	6%	
		8383.691	3%	100
		8384.691	6%	
		8412.691	3%	
8413.691	6%	200		

Fireflow WFT is a precision electronic device designed by Boccione Antincendio to measure the pressure and the water flow of a hose system; it is optimized to test that performance of a firefighting installation comply with project's calculation.



User interface through Wi-Fi connection to a smartphone or tablet or PC device. The **Fireflow WFT** device consists of a set of venturi pipes and electronic appliance with pressure sensors which detect the pressure drop inside the pipe. The flow is computed by measuring this differential pressure. The device is supplied with connections according to many National Standards (e.g. STORZ, BS, AFNOR, UNI) for hydrants and nozzles.

Features:

- Wi-Fi technology compatible with iOS, Android, Windows systems and with the latest generation PC, Tablet and Smartphone.
- User friendly interface with three available languages.
- The interface allows to input and storage information data, parameters and notes.
- The wireless connection allows users the remote reading from the measurement site.
- Excellent accuracy (1 l / min at 50% of the full scale for DN 25 and DN 45 and 2 l / min for DN 70).
- Wide measuring range (up to 220 l / min for DN 25, 500 l / min for DN 45 and 1800 for DN 70).
- Pressure measurement up to 12 bars.
- Rechargeable battery via USB cable.
- The sensor part is made by a single unit system that guarantees a good seal and water resistance.

635 Fireflow® Flowmeter

FIREFLOW WFT flowmeter

Includes:

- FIREFLOW WFT digital detector with connection pipes and recharge battery connection
- 1" venturi tube
- 2" venturi tube
- 2"1/2 venturi tube
- charge battery USB cable
- plastic suitcase



COD.	DESCRIPTION
2780WFT(*).635	Fireflow WFT with venturi tubes and suitcase
2780MWFT.635	Fireflow WFT electronic detector



Bocciolone Antincendio S.p.A. reserves the right to change the design, materials and specifications without notice to continue products development

June 2022 edition - All rights reserved



BOCCIOLONE ANTINCENDIO SPA
Fire fighting equipment since 1898

Headquarters and factory:
Z.I. Roccapietra - 13019 Varallo (Vercelli) - Italy
Tel. +39 0163 568811 Fax +39 0163 322022
E-mail info@bocciolone.com - Web www.bocciolone.com

