

Technical dates

Protection area	Max. 12m ²
Spray characteristic	Spray Sprinkler DBSP, pendent
Responsivity	Special- Response RTI- 055 Standard- Response RTI- 105
Max. working pressure	PS 12.5
Min. working pressure	min. 0.35 bar
Temperature range	57°C, 68°C, 79°C, 93°C, 141°C, 182°C, 260°C
K- Factor	K 80

Material / Coatings

Sprinklerbody/Deflector	roh = Brass / mc = Matt chrome plated gc = Chrome plated / Ral = Colour coated
Button	Brass / Chrome plated
Glasfass	Borosilikatglass
Sealing assembly	Stainless steel / Teflon
Pins	Stainless steel
Casing	Brass

General Instructions

Do not install any bulb type sprinkler if the bulb is cracked or is a loss of liquid from the bulb. With the sprinkler held horizontally, a small air bubble should be present. The diameter of the air bubble is approximately 1,6mm for the 57° to 2,4mm for the 182° temperature ratings. A leak-tight 3/4" NPT sprinkler joint should be obtained by applying a minimum to maximum torque of 10 to 14 Nm. Higher levels of torque may distort the sprinkler inlet and cause leakage or impairment of the sprinkler.

Installation Instruction

- Sprinkler may only installed by trained personal.
- Install sprinklers only with the special wrench foreseen far each sprinkler type.
- Install sprinklers only in fully installed and fixed pipe work.
- The threads (fitting / socket) must be clean, free of grease and burrs.

Never install a sprinkler that has had their packaging damaged.
Never install a sprinkler that has been dropped or has suffered any impact.
Always to align sprinklers turn clockwise only. Alignment on the opposite side can create leakage.

Warning

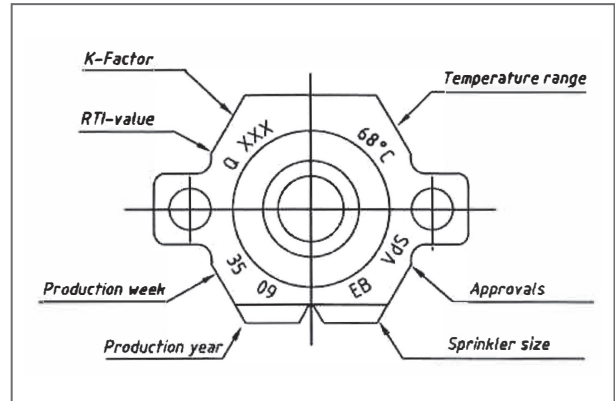
- Sprinklers containing in the original packing have been manufactured and tested according to the requirements of the sprinkler authorities.
- Any modification to the sprinkler in the form of painting, warp of deflector, will seriously affect the operation. This will lead to withdraw of insurances approval and any guarantee.
- Sprinklers (brass and chrome plated) may only install in normal atmosphere. For areas with aggressive, corrosive atmosphere or in case of leakage current, use sprinklers with special coating or stainless steel sprinklers.

Manufacturer: Jomos EuroSprinkler AG



Sprinkler marking

RTI- value **Q=** RTI- 035, **S=** RTI- 055, **N=** RTI- 105
 Week of manufacturing **35=** Week 35
 Year of manufacturing **09=** Year 2009
 Temperature range 57°C, **68°C**, 79°C, 93°C, 141°C, 182°C, 260°C
 Sprinkler size **EB=** ½" K- 160
 K- Factor K- 57, K- 80
 Certificated at **VdS**
 EC-Certificate of Conformity **CE**



Sprinkler description	roh = brass	mc = matt chrome plated	gc = chrome plated	Ral = colour coated
DBSP DN15 57°C RTI- 105	Art. Nr. 718 400	Art. Nr. 718 401	Art. Nr. 718 402	Art. Nr. 718 403
DBSP DN15 68°C RTI- 105	Art. Nr. 718 410	Art. Nr. 718 411	Art. Nr. 718 412	Art. Nr. 718 413
DBSP DN15 79°C RTI- 105	Art. Nr. 718 420	Art. Nr. 718 421	Art. Nr. 718 422	Art. Nr. 718 423
DBSP DN15 93°C RTI- 105	Art. Nr. 718 430	Art. Nr. 718 431	Art. Nr. 718 432	Art. Nr. 718 433
DBSP DN15 141°C RTI- 105	Art. Nr. 718 440	Art. Nr. 718 441	Art. Nr. 718 442	Art. Nr. 718 443
DBSP DN15 182°C RTI- 105	Art. Nr. 718 450	Art. Nr. 718 451	Art. Nr. 718 452	Art. Nr. 718 453
DBSP DN15 260°C RTI- 105	Art. Nr. 718 460	Art. Nr. 718 461	Art. Nr. 718 462	Art. Nr. 718 463

VdS- Nr. G 4970025

Pipe length	¾" Threaded connection	1" Threaded connection
Jacket pipe 60 - 140 mm	Art. Nr. 718 001	Art. Nr. 718 002
Jacket pipe 141 - 500 mm	Art. Nr. 718 007	Art. Nr. 718 008
Jacket pipe 501 - 800 mm	Art. Nr. 718 009	Art. Nr. 718 010
Jacket pipe 801 - 1000 mm	Art. Nr. 718 003	Art. Nr. 718 004
Jacket pipe 1001 - 1500 mm	Art. Nr. 718 005	Art. Nr. 718 006

NOTA GENERALE:

L'attrezzatura presentata in questo bollettino deve essere installata in conformità agli ultimi standard pubblicati dalle Norme UNI EN 12845, National Fire Protection Association, Factory Mutual Research Corporation o altre organizzazioni simili e anche con le disposizioni dei codici governativi o delle ordinanze locali applicabili.
 Con la presente pagina tecnica, MEFA Italia intende fornire pertinenti informazioni tecniche, aggiornandole periodicamente.
 MEFA Italia non si ritiene responsabile in caso di errori di stampa o informazioni inesatte in quanto le stesse possono variare senza preavviso.
 The equipment presented in this bulletin is to be installed in accordance with the latest published Standards of the UNI EN 12845, National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
 With this technical page, MEFA Italia intends to provide relevant technical information, updating them periodically.
 MEFA Italia is not responsible for any inaccurate print or inaccurate information as these may vary without prior notice.

NOTA EUROFIRE:

Eurofire è un marchio registrato da MEFA Italia per la presentazione di tutti i prodotti della linea Antincendio.
 I fornitori dei prodotti Eurofire vengono rigorosamente selezionati nel rispetto della qualità e delle caratteristiche distintive descritte in questo documento tecnico.
 I fornitori dei prodotti potrebbero variare senza preavviso, ma sempre nel rispetto delle caratteristiche qui descritte.
 Eurofire is a registered trademark of MEFA Italia for the presentation of all products of the Fire Protection Line.
 The suppliers of Eurofire products are strictly selected in compliance with the quality and distinctive features described in this technical document.
 Product providers may vary without notice, but always respecting the features described herein.