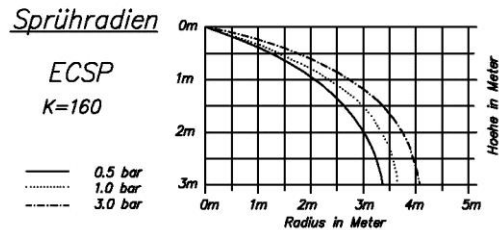
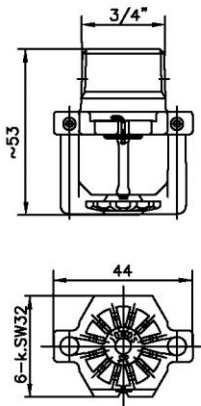


# ELO- Spray-Sprinkler DN20- K160, Type: ECSP



## Technical Dates

Spray characteristics	ELO- Spray-Sprinkler SU, pendent
Responsivity	Quick- Response RTI- 035 Standard- Response RTI- 055 Normal- 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- 160

## Material / Coatings

Sprinklerbody /Deflector	roh = Brass gc = Chrome plated / Ral = color coated
Button	Brass
Sealing Assembly	Stainless steel / Teflon
Bulb	Borosilikatglass
Pins	Stainless steel

## 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 ¼ " 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 for 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.

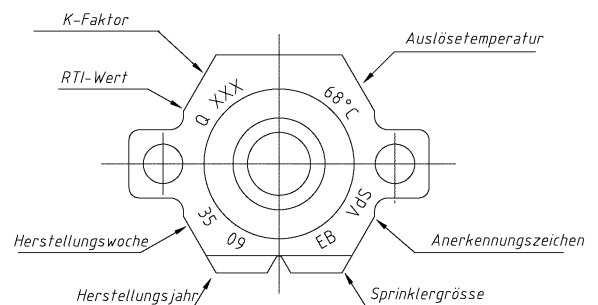
**Always** to align sprinklers turn clockwise only. Alignment on the opposite side can create leakage.

## Warning

- Sprinklers containing in the original packing have been manufactured and tested according 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 to JOMOS EuroSprinkler AG
- Sprinklers (brass and chrome plated) may only install in normal atmosphere. For areas with aggressive, corrosive atmosphere ore in case of leakage current, use sprinklers with special coating or stainless steel sprinklers.

## Sprinkler marking

RTI- value	<b>Q</b> = RTI- 035, <b>S</b> = RTI- 055, <b>N</b> = RTI- 105
Week of manufacturing	<b>35</b> = Week 35
Year of manufacturing	<b>09</b> = Year 2009
Temperature range	57°C, <b>68°C</b> , 79°C, 93°C, 141°C, 182°C, 260°C
Sprinkler size	<b>EB</b> = 1/2" K- 160, <b>EC</b> = 3/4" K- 160
K- Factor	K- 57, K- 80, K- 115, K- 160
Certificated at	<b>Vds</b>



Bezeichnung	roh= Messing	mc= mattchrom	gc= glanzchrom	Ral = lackiert
ECSP 3/4" 57°C RTI- 035	Art. Nr. 715 000	Art. Nr. 715 001	Art. Nr. 715 002	Art. Nr. 715 003
ECSP 3/4" 68°C RTI- 035	Art. Nr. 715 010	Art. Nr. 715 011	Art. Nr. 715 012	Art. Nr. 715 013
ECSP 3/4" 79°C RTI- 035	Art. Nr. 715 020	Art. Nr. 715 021	Art. Nr. 715 022	Art. Nr. 715 023
ECSP 3/4" 93°C RTI- 035	Art. Nr. 715 030	Art. Nr. 715 031	Art. Nr. 715 032	Art. Nr. 715 033
ECSP 3/4" 141°C RTI- 035	Art. Nr. 715 040	Art. Nr. 715 041	Art. Nr. 715 042	Art. Nr. 715 043
Vds- Nr. G 4010049				
ECSP 3/4" 57°C RTI- 055	Art. Nr. 715 060	Art. Nr. 715 061	Art. Nr. 715 062	Art. Nr. 715 063
ECSP 3/4" 68°C RTI- 055	Art. Nr. 715 070	Art. Nr. 715 071	Art. Nr. 715 072	Art. Nr. 715 073
ECSP 3/4" 79°C RTI- 055	Art. Nr. 715 080	Art. Nr. 715 081	Art. Nr. 715 082	Art. Nr. 715 083
ECSP 3/4" 93°C RTI- 055	Art. Nr. 715 090	Art. Nr. 715 091	Art. Nr. 715 092	Art. Nr. 715 093
ECSP 3/4" 141°C RTI- 055	Art. Nr. 715 100	Art. Nr. 715 101	Art. Nr. 715 102	Art. Nr. 715 103
ECSP 3/4" 182°C RTI- 055	Art. Nr. 715 110	Art. Nr. 715 111	Art. Nr. 715 112	Art. Nr. 715 113
ECSP 3/4" 260°C RTI- 055	Art. Nr. 715 115	Art. Nr. 715 116	Art. Nr. 715 117	Art. Nr. 715 118
Vds- Nr. G 4010048				
ECSP 3/4" 57°C RTI- 105	Art. Nr. 715 120	Art. Nr. 715 121	Art. Nr. 715 122	Art. Nr. 715 123
ECSP 3/4" 68°C RTI- 105	Art. Nr. 715 130	Art. Nr. 715 131	Art. Nr. 715 132	Art. Nr. 715 133
ECSP 3/4" 79°C RTI- 105	Art. Nr. 715 140	Art. Nr. 715 141	Art. Nr. 715 142	Art. Nr. 715 143
ECSP 3/4" 93°C RTI- 105	Art. Nr. 715 150	Art. Nr. 715 151	Art. Nr. 715 152	Art. Nr. 715 153
ECSP 3/4" 141°C RTI- 105	Art. Nr. 715 160	Art. Nr. 715 161	Art. Nr. 715 162	Art. Nr. 715 163
ECSP 3/4" 182°C RTI- 105	Art. Nr. 715 170	Art. Nr. 715 171	Art. Nr. 715 172	Art. Nr. 715 173
ECSP 3/4" 260°C RTI- 105	Art. Nr. 715 180	Art. Nr. 715 181	Art. Nr. 715 182	Art. Nr. 715 183
Vds- Nr. G 4990046				