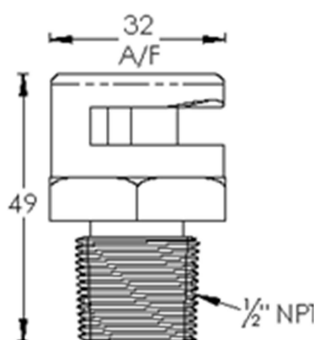


| Standard Nozzle Range             |                               |                  |                                                                                   |                                           |
|-----------------------------------|-------------------------------|------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
| K-Factor<br>(Metric)<br>Tol. ± 5% | K-Factor<br>(US)<br>Tol. ± 5% | Thread<br>(Male) | Approval                                                                          | Brass<br>Part number<br>(w.o. strainer**) |
| 25                                | 1,74                          | 1/2" NPT         |  | D372510N                                  |
| 45                                | 3,13                          | 1/2" NPT         |                                                                                   | D374510N                                  |
| 60                                | 4,14                          | 1/2" NPT         |                                                                                   | D376010N                                  |
| 85                                | 5,86                          | 1/2" NPT         |                                                                                   | D378510N                                  |



| Alternative materials and K-factors (available on request) |                        |                  |                                                                                     |                                           |                                                |                                                         |                                                      |
|------------------------------------------------------------|------------------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|---------------------------------------------------------|------------------------------------------------------|
| K-Factor.<br>(Metric) ± 5%                                 | K-Factor.<br>(US) ± 5% | Thread<br>(Male) | Approval                                                                            | Brass<br>Part number<br>(w.o. strainer**) | Alu.Bronze<br>Part number<br>(w.o. strainer**) | SS 316,<br>St.Steel<br>Part number<br>(w.o. strainer**) | SMO,<br>St.Steel<br>Part number<br>(w.o. strainer**) |
| 7                                                          | 0,48                   | 1/2" NPT         | No approval                                                                         | D370710N                                  | D370770N                                       | D370720N                                                | D370709N                                             |
| 25                                                         | 1.74                   | 1/2" NPT         |  |                                           | D372570N                                       | D372520N                                                | D372509N                                             |
| 29                                                         | 2.02                   | 1/2" NPT         |                                                                                     | D372910N                                  | D372970N                                       | D372920N                                                | D372909N                                             |
| 45                                                         | 3.13                   | 1/2" NPT         |                                                                                     |                                           | D374570N                                       | D374520N                                                | D374509N                                             |
| 48                                                         | 3.34                   | 1/2" NPT         |                                                                                     | D374810N                                  | D374870N                                       | D374820N                                                | D374809N                                             |
| 60                                                         | 4.14                   | 1/2" NPT         |                                                                                     |                                           | D376070N                                       | D376020N                                                | D376009N                                             |
| 70                                                         | 4.82                   | 1/2" NPT         |                                                                                     | D377010N                                  | D377070N                                       | D377020N                                                | D377009N                                             |
| 77                                                         | 5.31                   | 1/2" NPT         |                                                                                     | D377710N                                  | D377770N                                       | D377720N                                                | D377709N                                             |
| 85                                                         | 5.86                   | 1/2" NPT         |                                                                                     |                                           | D378570N                                       | D378520N                                                | D378509N                                             |



| Recommended working pressure |       |           |
|------------------------------|-------|-----------|
| Min.                         | 1 bar | 14,5 PSI  |
| Max.                         | 9 bar | 130,5 PSI |

**\*\*)**

#### **STRAINER**

According to FM standard 2021/2025, the Tankcool nozzle (all K-factors) must be provided with an individual, integral, or main line strainer, as the nozzle waterway is less than 11/32 inch (8,7mm).

#### **NOTE :**

**When ordering, please specify if the nozzle is required with an inlet strainer fitted ! (strainer is not standard).**

The right is reserved to vary or modify any specifications without prior notice.

#### **GW SPRINKLER A/S**

Kastanievej 15, DK-5620 Glamsbjerg, Denmark

Tel: +45 64 72 20 55 Fax: +45 64 72 22 55

E-mail: [sales.dep@gwsprinkler.com](mailto:sales.dep@gwsprinkler.com)

Data sheet: Tankcool Nozzle

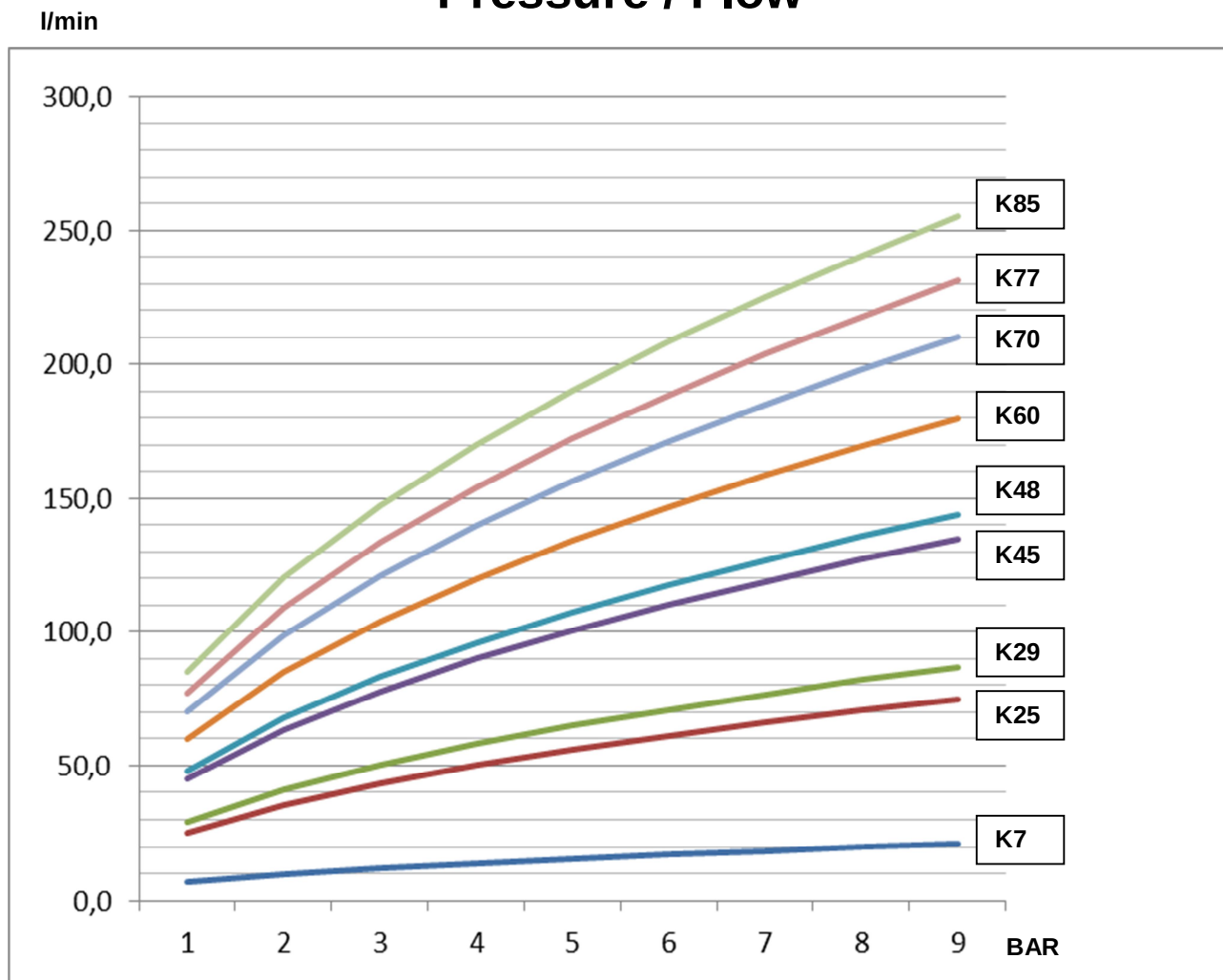
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## Pressure / Flow



The pressure / flow relation is calculated based on the formula:  $Q = K \times \sqrt{P}$

**Q = flow (l/min)**

**K = nozzle K-factor**

**P = water pressure at nozzle (Bar)**

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E-mail: [sales.dep@gwsprinkler.com](mailto:sales.dep@gwsprinkler.com)

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