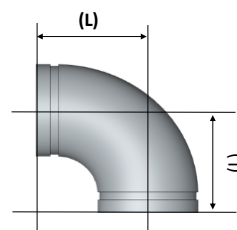




Grooved elbows are used to change direction in grooved piping systems. They can be connected with grooved couplings to grooved pipes, grooved fittings and other grooved equipments. Short radius elbows require less space to change direction compared to the normal radius ones.

| Product photo                                                                                                                                                                                                                                               | Nominal size (DN) | Size (inch) | Pipe out. diam. (mm) | Product number | Operating pressure (Psi) | Operating pressure (Bar) | Size (L) (mm) | Weight (kg/pc) | Carton quantity (pc) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------------|----------------|--------------------------|--------------------------|---------------|----------------|----------------------|
| <br><br> | 25                | 1"          | 33,7                 | ELB90-033-X-SR | 300                      | 20,7                     | 57            | 0,27           | 90                   |
|                                                                                                                                                                                                                                                             | 32                | 1.1/4"      | 42,4                 | ELB90-042-X-SR | 300                      | 20,7                     | 60            | 0,38           | 60                   |
|                                                                                                                                                                                                                                                             | 40                | 1.1/2"      | 48,3                 | ELB90-048-X-SR | 300                      | 20,7                     | 60            | 0,46           | 50                   |
|                                                                                                                                                                                                                                                             | 50                | 2"          | 60,3                 | ELB90-060-X-SR | 300                      | 20,7                     | 70            | 0,60           | 32                   |
|                                                                                                                                                                                                                                                             | 65                | 2.1/2"      | 76,1                 | ELB90-076-X-SR | 300                      | 20,7                     | 76            | 0,86           | 16                   |
|                                                                                                                                                                                                                                                             | 80                | 3"          | 88,9                 | ELB90-089-X-SR | 300                      | 20,7                     | 86            | 1,24           | 10                   |
|                                                                                                                                                                                                                                                             | 100               | 4"          | 114,3                | ELB90-114-X-SR | 300                      | 20,7                     | 102           | 1,92           | 5                    |
|                                                                                                                                                                                                                                                             | 125               | 5"          | 139,7                | ELB90-139-X-SR | 300                      | 20,7                     | 122           | 2,90           | 2                    |
|                                                                                                                                                                                                                                                             | 150               | 6"          | 168,3                | ELB90-168-X-SR | 300                      | 20,7                     | 140           | 3,90           | 2                    |
|                                                                                                                                                                                                                                                             | 200               | 8"          | 219,1                | ELB90-219-X-SR | 300                      | 20,7                     | 163           | 7,82           | 2                    |
|                                                                                                                                                                                                                                                             | 250               | 10"         | 273,0                | ELB90-273-X-SR | 300                      | 20,7                     | 190           | 13,21          | 1                    |
|                                                                                                                                                                                                                                                             | 300               | 12"         | 323,9                | ELB90-324-X-SR | 300                      | 20,7                     | 220           | 20,33          | 1                    |

X: Painted = P (PTD), Hot dip galvanized = G (GLV), Dacromet = D (DACR) // Example: ELB90-048-P-SR = painted version


**Storage:**

We suggest to store our products in a closed and dry environment.

**Material specification:**

Ductile iron (ASTM A536 GRADE: 64-45-12)

**Corrosion protection:**

Painted:

RAL3000 red, epoxy coating. Coating thickness: 80-150µm

Hot dip galvanized:

Coating thickness: 60-120µm

Dacromet:

Coating thickness: 8-18µm. (Resistant to neutral salt spray test: 480 h.)

**Installation recommendation:**

Please read the technical data sheet and installation instructions before starting to work with the products! Installers should be trained or experienced to work with grooved piping systems.

Never work on piping system that are under pressure or filled with water.

Use the necessary personal protection equipments to avoid injuries (helmet, safety shoes and glasses, gloves).

