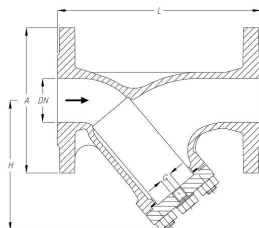


# Fig. 1019 Y filter



**econ®**



Econ® cast iron strainer for general use. Suitable for use in horizontal and vertical pipelines with a downward flow.

### Features

- Connection: Flange
- Pressure rating: PN 16
- Material quality: EN-JL1040
- Cover attachment: Bolted bonnet
- Material cover gasket: Graphite
- Standard: DIN
- Filter element material: Stainless steel
- Body material: Cast iron
- Drainage connection: Yes
- Material cover: EN-JL1040
- Fluid drain plug: 1.4301
- Flange standard: DIN

### Pressure and Temp Range

|      |           |       |       |       |       |       |       |       |
|------|-----------|-------|-------|-------|-------|-------|-------|-------|
|      | -10/120°C | 150°C | 180°C | 200°C | 230°C | 250°C | 300°C |       |
| PN16 | 16        | 14,4  | 13,4  | 12,8  | 11,8  | 11,2  | 9,6   | [bar] |

### Dimensions

| DN   | A   | L    | H   | G      | Weight | Screen   |        | Kv value |        |
|------|-----|------|-----|--------|--------|----------|--------|----------|--------|
|      |     |      |     |        |        | diameter | height | Standard | 0,25MM |
| [mm] |     |      |     |        | [kg]   | [mm]     | [mm]   |          |        |
| 15   | 95  | 130  | 90  | 3/8"   | 4      | 23       | 56     | 5,7      | 6,2    |
| 20   | 105 | 150  | 100 | 3/8"   | 5      | 28       | 68     | 10,4     | 10,1   |
| 25   | 115 | 160  | 115 | 3/4"   | 6      | 36       | 82     | 16,4     | 16,8   |
| 32   | 140 | 180  | 125 | 3/4"   | 8      | 42       | 98     | 27,3     | 24,3   |
| 40   | 150 | 200  | 150 | 1"     | 10     | 50       | 114    | 42       | 32,9   |
| 50   | 165 | 230  | 160 | 1"     | 13     | 61,5     | 119    | 64,7     | 49,5   |
| 65   | 185 | 290  | 180 | 1"     | 19     | 78,5     | 134    | 96       | 80,3   |
| 80   | 200 | 310  | 215 | 1"     | 24,5   | 89,5     | 149    | 149      | 115    |
| 100  | 220 | 350  | 235 | 1 1/2" | 35     | 109,5    | 169    | 223      | 189    |
| 125  | 250 | 400  | 275 | 1 1/2" | 51     | 138      | 199    | 347      | 303    |
| 150  | 285 | 480  | 305 | 1 1/2" | 71     | 160      | 224    | 480      | 405    |
| 200  | 340 | 600  | 390 | 1 1/2" | 144    | 210      | 284    | 853      | 590    |
| 250  | 405 | 730  | 540 | 1 1/2" | 175    | 258      | 434    | 1104     | 1231   |
| 300  | 460 | 850  | 680 | 1 1/2" | 290    | 308      | 555    | 1450     | 1883   |
| 400  | 580 | 1100 | 835 | 1 1/2" | 461    | 415      | 695    | 2200     | -      |

### Order Information

| Stock | Article No.     | Order code | DN    | Mesh width of filter element [mm] | Kv value [m³/h] | Weight [kg] |
|-------|-----------------|------------|-------|-----------------------------------|-----------------|-------------|
| S     | EC010190015G135 | 665422     | DN 15 | 0.25                              | 6.2             | 4           |
| S     | EC010190015G115 | 345052     | DN 15 | 1                                 | 5.7             | 4           |
| S     | EC010190020G135 | 665423     | DN 20 | 0.25                              | 10.1            | 5           |
| S     | EC010190020G115 | 345054     | DN 20 | 1                                 | 10.4            | 5           |
| S     | EC010190025G135 | 665418     | DN 25 | 0.25                              | 16.8            | 6           |

| Stock | Article No.     | Order code | DN     | Mesh width of filter element [mm] | Kv value [m³/h] | Weight [kg] |
|-------|-----------------|------------|--------|-----------------------------------|-----------------|-------------|
| S     | EC010190025G115 | 345045     | DN 25  | 1                                 | 16.4            | 6           |
| S     | EC010190032G135 | 665419     | DN 32  | 0.25                              | 24.3            | 8           |
| S     | EC010190032G115 | 345046     | DN 32  | 1                                 | 27.3            | 8           |
| S     | EC010190040G135 | 635511     | DN 40  | 0.25                              | 32.9            | 10          |
| S     | EC010190040G115 | 345048     | DN 40  | 1                                 | 42              | 10          |
| S     | EC010190050G135 | 665420     | DN 50  | 0.25                              | 49.5            | 13          |
| S     | EC010190050G115 | 345049     | DN 50  | 1                                 | 64.7            | 13          |
| S     | EC010190065G135 | 665421     | DN 65  | 0.25                              | 80.3            | 19          |
| S     | EC010190065G115 | 345051     | DN 65  | 1.25                              | 96              | 19          |
| S     | EC010190080G135 | 665424     | DN 80  | 0.25                              | 115             | 24.5        |
| S     | EC010190080G115 | 345055     | DN 80  | 1.25                              | 149             | 24.5        |
| S     | EC010190100G135 | 665425     | DN 100 | 0.25                              | 189             | 35          |
| S     | EC010190100G115 | 345057     | DN 100 | 1.6                               | 223             | 35          |
| S     | EC010190125G135 | 665426     | DN 125 | 0.25                              | 303             | 51          |
| S     | EC010190125G115 | 345059     | DN 125 | 1.6                               | 347             | 51          |
|       | EC010190150G135 | 665416     | DN 150 | 0.25                              | 405             | 71          |
| S     | EC010190150G115 | 345038     | DN 150 | 1.6                               | 480             | 71          |
|       | EC010190200G135 | 665417     | DN 200 | 0.25                              | 590             | 144         |
| S     | EC010190200G115 | 345039     | DN 200 | 1.6                               | 853             | 144         |
|       | EC010190250G135 | 665427     | DN 250 | 0.25                              | 1231            | 175         |
| S     | EC010190250G115 | 345060     | DN 250 | 1.6                               | 1104            | 175         |
|       | EC010190300G135 | 665428     | DN 300 | 0.25                              | 1883            | 290         |