Armaturen Aichhorn GesmbH
Gewerbepark 1
A-4631 Krenglbach
TEL +43 7249 46 166
EMAIL office@armaturen-aichhorn.at
WEB www.armaturen-aichhorn.at

www.armaturen-aichhorn.at | Tel. +43 (0) 7249 – 46166-0
ARMATUREN AICHHORN GesmbH | Gewerbepark 1 | A-4631 Krenglbach b. Wels
Blatt Nr. 5SF2GGG - PN 10/16 / 5SF3GGG - PN 25 | Stand 22.10.2026

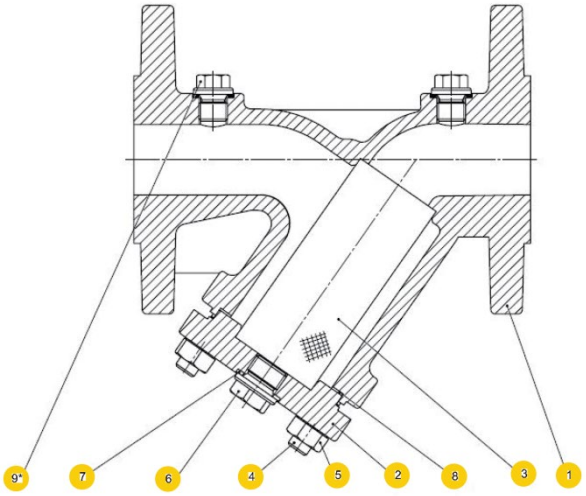
# Flansch-Schmutzfänger, in Schrägsitzform
## *Y-strainer*

**Type: 5SF2GGG PN10/16**
**Type: 5SF3GGG PN25**

**Gehäuse aus Sphäroguß** ***/ body ductile cast iron***
**Sieb aus Edelstahl** ***/ screen made of stainless steel***
**für Temperatur bis 350°C** ***/ for max. temperature 350° C***
**mit Entleerungsbohrung im Deckel** ***/ with plug on the bonnet***
**Baulänge nach EN558-1, Reihe** ***1 / face to face acc. EN558-1, line 1***
**Flansche nach EN1092-2** ***/ flange connection acc. to EN1092-2***

**Mehrpreis für** ***/ additional price for:***
**2 Manometeranschlüsse G ¼“ für Differenzdruckmessung**
***connection of two pressure gauges, G ¼”***

**1 KFE Hahn, Entleerung**
***1 KFE valve, emptying***




| | Benennung / description | Werkstoffe / material | |
|---|---|---|---|
| 1 | Gehäuse / *body* | Sphäroguß/*ductile cast iron –EN-GJS400-18-LT* | |
| 2 | Deckel / *bonnet* | Sphäroguß/*ductile cast iron –EN-GJS400-18-LT* | |
| 3 | Sieb / *screen* | Edelstahl 1.4301 / *stainless steel*<br>ab DN 150 mit Stützkorb / *from DN 150 with support basket* | |
| 4 | Stiftschrauben / *studs* | Niro A2-70 / *stainless steel A2-70* | |
| 5 | Muttern / *hexagon nut* | Niro A2-70 / *stainless steel A2-70* | |
| 6 | Entleerungsschraube / *emptying screw* | C35E | |
| 7 | Dichtung Entleerungsschraube / *plug gasket* | 1.4571 | |
| 8 | Deckeldichtung / *bonnet gasket* | CrNiSt-Grafit/CrNiSt-Graphite | |
| 9 | * Manometeranschluss / * *pressure gauge connection* | * gegen Mehrpreis / additional price | G ¼“ |
| | max. Temperatur *max. temperature* | **max. 350° C (f. WTÖ / *HTO* max. 250° C)** | |

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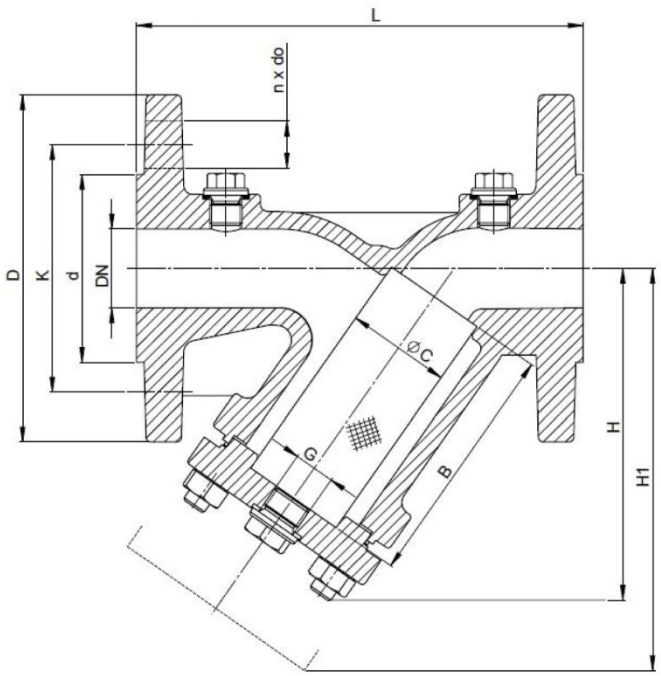
# ABMESSUNGEN / dimensions




| | PN 10/16 | | | | | PN 25 | | | | | | | PN 10/16 | PN 25 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DN | L | D | d | K | nxdo | D | d | K | nxdo | H | H1 | G | kg | kg | Kv Standard | Kv Feinsieb | C | B |
| | mm | | | | | | | | | | | | | | m3/h | m3/h | mm | |
| 15 | 130 | 95 | 46 | 65 | 4x14 | 95 | 46 | 65 | 4x14 | 90 | 135 | G3/8“ | 2,6 | 2,6 | 6,3 | 6 | 23 | 56 |
| 20 | 150 | 105 | 56 | 75 | 4x14 | 105 | 56 | 75 | 4x14 | 100 | 150 | G3/8“ | 3,0 | 3,0 | 11,2 | 9,1 | 28 | 68 |
| 25 | 160 | 115 | 65 | 85 | 4x14 | 115 | 65 | 85 | 4x14 | 115 | 180 | G3/4“ | 4,5 | 4,5 | 14,7 | 13 | 36 | 82 |
| 32 | 180 | 140 | 76 | 100 | 4x19 | 140 | 76 | 100 | 4x19 | 135 | 215 | G3/4“ | 7 | 7 | 23,7 | 21,7 | 42 | 98 |
| 40 | 200 | 150 | 84 | 110 | 4x19 | 150 | 84 | 110 | 4x19 | 150 | 240 | G1“ | 9 | 9,0 | 37,7 | 33,3 | 50 | 114 |
| 50 | 230 | 165 | 99 | 125 | 4x19 | 165 | 99 | 125 | 4x19 | 155 | 250 | G1“ | 11 | 11 | 57,9 | 48,4 | 61,5 | 119 |
| 65 | 290 | 185 | 118 | 145 | 4x19 | 185 | 118 | 145 | 4x19 | 175 | 285 | G1“ | 15 | 17 | 101,5 | 82,6 | 78,5 | 134 |
| 80 | 310 | 200 | 132 | 160 | 8x19 | 200 | 132 | 160 | 8x19 | 205 | 330 | G1“ | 19 | 20 | 147,4 | 115,9 | 89,5 | 149 |
| 100 | 350 | 220 | 156 | 180 | 8x19 | 235 | 156 | 180 | 8x23 | 275 | 365 | G1 ½“ | 27 | 30 | 209,6 | 173,1 | 109,5 | 169 |
| 125 | 400 | 250 | 184 | 210 | 8x19 | 270 | 184 | 210 | 8x28 | 325 | 425 | G1 ½“ | 39 | 43 | 326,2 | 266,8 | 137,5 | 199 |
| 150 | 480 | 285 | 211 | 240 | 8x23 | 300 | 211 | 240 | 8x28 | 397 | 480 | G1 ½“ | 55 | 56 | 403 | 397,9 | 160 | 224 |
| 200 | 600 | 340 | 266 | 295 | 8x23/12x23 | 360 | 266 | 295 | 12x28 | 535 | 610 | G1 ½“ | 110 | 110 | 707 | 701,2 | 210 | 284 |
| 250 | 730 | 395/405 | 319 | 350/355 | 12x23/12x28 | | | | | 670 | 915 | G1 ½“ | 165 | | 1234,4 | 1225,0 | 258 | 555 |
| 300 | 850 | 445/460 | 370 | 400/410 | 12x23/12x28 | | | | | 680 | 1110 | G1 ½“ | 285 | | 1916,2 | 1892,1 | 308 | 640 |

## Standardmaschenweiten / *standard mesh sizes:*

DN 15 – 50 → 1,00 mm
DN 65 – 80 → 1,25 mm
DN 100 – 400 → 1,60 mm

weitere Ausführungen/*other's:* 0,6 mm / 0,5 mm / 0,4 mm / 0,32 mm
Standardfeinsieb/*fine screen:* 0,25 mm

## Ausführung mit Magneteinsatz auf Anfrage / type with magnetic catridge on request

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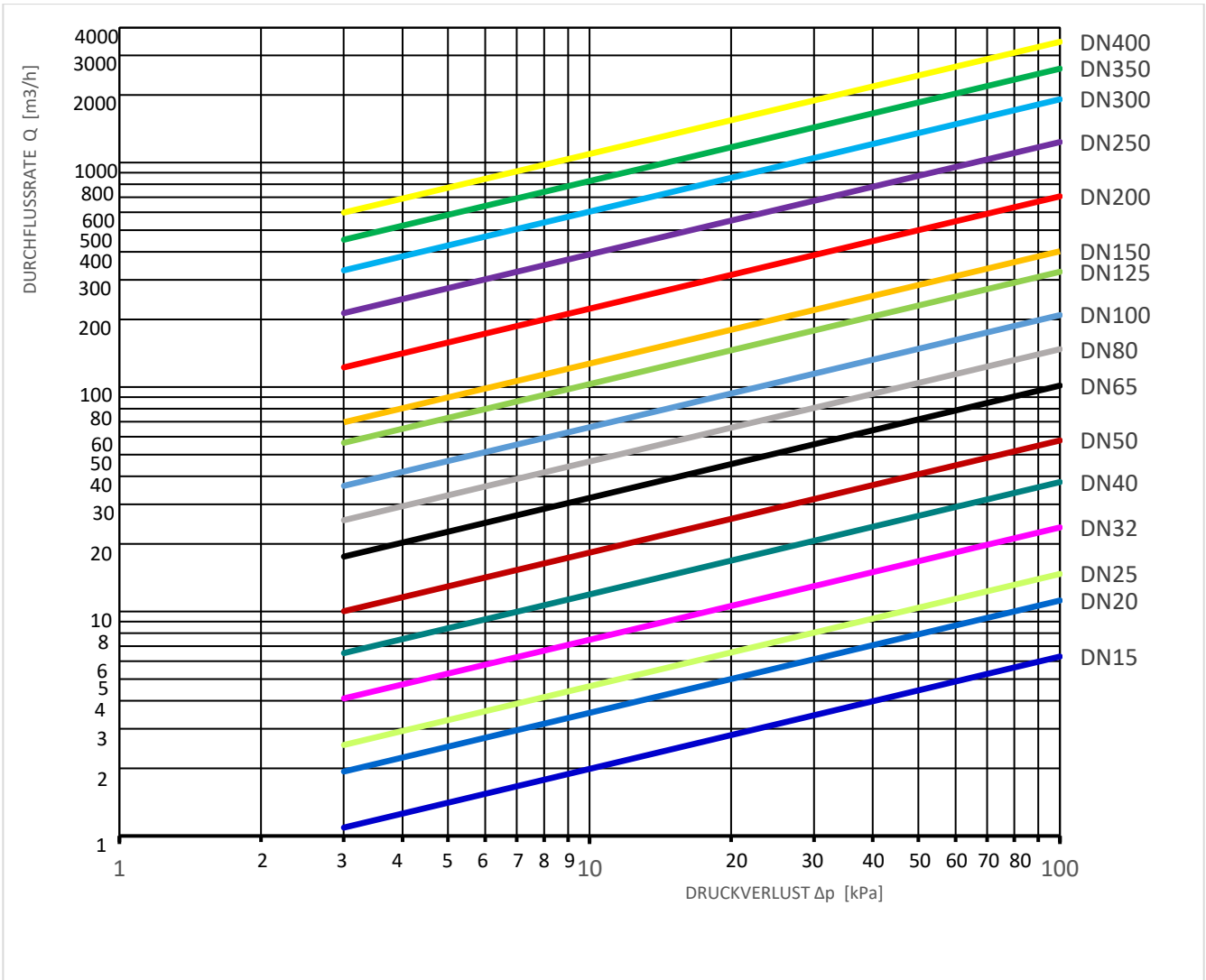
| Maximaler Arbeitsdruck / pressure-temperature ratings Type: 5SF2GGG, PN 16 | | | | | | | |
|---|---|---|---|---|---|---|---|
| - 10° C | 120° C | 150° C | 200° C | 250° C | 300° C | 350° C | |
| 16 bar | 16 bar | 15,5 bar | 14,7 bar | 13,9 bar | 12,8 bar | 11,2 bar | |

| Maximaler Arbeitsdruck / pressure-temperature ratings Type: 5SF3GGG, PN 25 | | | | | | | |
|---|---|---|---|---|---|---|---|
| - 10° C | 120° C | 150° C | 200° C | 250° C | 300° C | 350° C | |
| 25 bar | 25 bar | 24,3 bar | 23,0 bar | 21,8 bar | 20,0 bar | 17,5 bar | |

**Druckverlustdiagramm - Standardsieb / pressure loss diagramm – standard mesh:**

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