

# Suction Diffuser (L Type)

Fig. 7520

## Specification

Design in accordance with BS EN 558-1, DIN3202

Flanges comply with EN1092-2, ISO 7005, ANSI B16.5, GB/T9119

Pressure test according to standards GB/T13927, EN12266-1, DIN3230, ISO5208.

## Technical data

Working Pressure: 16bar

Dimensions: DN50~DN600

Test Pressure: Shell: 24bar

Seal: 17.6bar

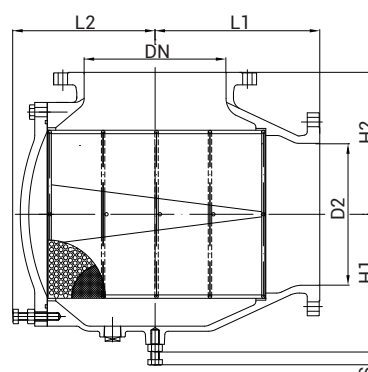
Working Temperature: -10°C ~ 120°C EPDM

-10°C ~ 220°C Graphite Washer

Standard Screen: Punched Mesh Net: Ø3.2mm

Woven Net: 20 Meshes

## Schematic



## Material Specifications

| Part Name | Materials       | Specification     |
|-----------|-----------------|-------------------|
| Body      | Ductile Iron    | 1563 EN-GJS-400   |
| Bonnet    | Ductile Iron    | 1563 EN-GJS-400   |
| Screen    | Stainless Steel | 10088 X5CrNi18-10 |
| Plug      | Stainless Steel | 10088 X5CrNi18-10 |

## Dimensions

| DN | mm   | 50  | 65    | 80  | 100 | 125 |     | 150 |     | 200 |     |     |
|----|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|    | inch | 2   | 2-1/2 | 3   | 4   | 5   |     | 6   |     | 8   |     |     |
| D2 |      | 50  | 65    | 80  | 100 | 125 | 100 | 150 | 125 | 200 | 150 | 125 |
| L1 |      | 113 | 125   | 144 | 180 | 215 | 180 | 250 | 215 | 320 | 250 | 250 |
| L2 |      | 78  | 89    | 109 | 164 | 192 | 163 | 224 | 193 | 285 | 223 | 223 |
| H1 |      | 110 | 115   | 124 | 150 | 175 | 150 | 205 | 175 | 260 | 205 | 205 |
| H2 |      | 78  | 121   | 140 | 160 | 181 | 160 | 212 | 181 | 274 | 216 | 216 |
| S  |      | 10  | 10    | 10  | 12  | 12  | 12  | 14  | 12  | 17  | 14  | 14  |

| DN | mm   | 250 |     |     | 300 |     |     | 350 |     |     | 400 | 450 | 500 | 600 |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|    | inch | 10  |     |     | 12  |     |     | 14  |     |     | 16  | 18  | 20  | 24  |
| D2 |      | 250 | 200 | 150 | 300 | 250 | 200 | 350 | 300 | 250 | 400 | 450 | 500 | 600 |
| L1 |      | 360 | 320 | 320 | 410 | 360 | 360 | 480 | 410 | 360 | 560 | 640 | 710 | 840 |
| L2 |      | 330 | 280 | 280 | 372 | 332 | 332 | 421 | 372 | 331 | 484 | 550 | 610 | 720 |
| H1 |      | 310 | 260 | 260 | 360 | 310 | 310 | 390 | 360 | 310 | 450 | 510 | 570 | 680 |
| H2 |      | 323 | 274 | 274 | 392 | 323 | 323 | 421 | 392 | 323 | 471 | 535 | 590 | 710 |
| S  |      | 18  | 17  | 17  | 23  | 18  | 18  | 23  | 23  | 18  | 23  | 28  | 30  | 40  |

WA reserves the right to change dimensions without notice.