



# CD-72S/SL Series Disc Trap

**Carbon Steel**

For pressure to 70 bar... capacities to 1 769 kg/hr

The Armstrong CD-72S/SL is a disc style trap designed to control the trap's cycle rate. By reducing the cycle rate, the Armstrong CD-72S/SL will have a longer service life than typical disc traps. This enhanced performance will ensure that maintenance time is minimized and steam costs are greatly reduced.

The CD-72S/SL is designed with three discharge ports, which offer stable disc operation to extend trap operating life. The capacities of the Armstrong CD-72S/SL has been engineered specifically for the following applications: large steam main drips, process equipment, and HVAC heating equipment on constant pressure.

## Advantages

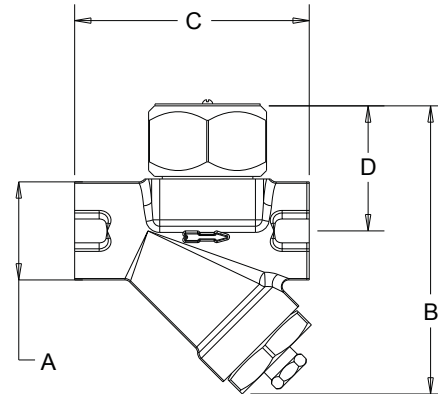
- Three discharge port design
- Minimum wear with controlled cycling
- Freeze-resistant
- Hardened seat
- Weldable

## Connection

Screwed BSPT and NPT

Socketwelded

Flanged DIN or ANSI (welded), consult factory for dimensions and weights.



**Model CD-72S Forged**

**Table ST-166-1. CD-72S/SL List of Materials**

Name of Part	Material
Body	Dual certified ASTM A105N / A350 LF2 Cl.1
Cap	
Seat	17-4 PH
Disc	ASTM A276 Gr. 420
Strainer Screen	30 x 30 mesh T304 stainless steel
Screen Retainer	A105N / LF2
Blowdown Plug (1/4 NPT)	A350 LF2 Cl.1

**Table ST-166-2. CD-72S Dimensions and Weights**

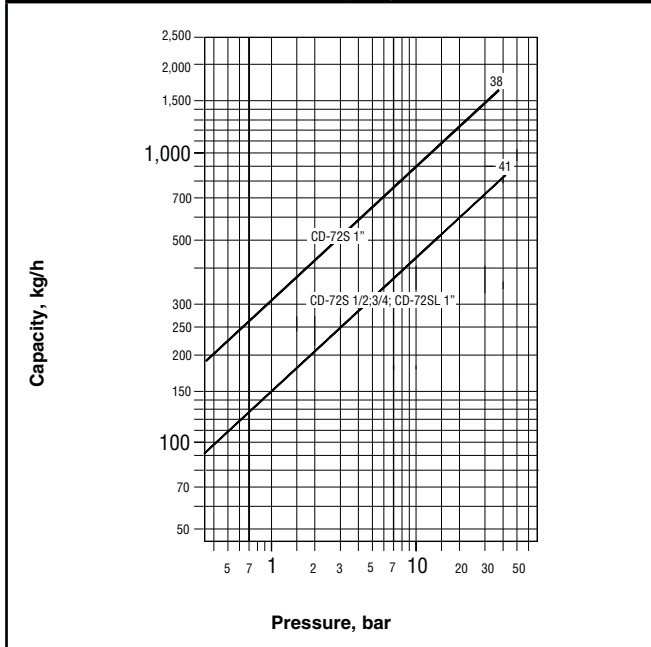
Model No.	CD-72S
	mm
	15 - 20 - 25
«A»	39 - 39 - 48
«B» Height	112 - 112 - 126
«C» Length	90 - 90 - 112
«D» $\varnothing$ to top of cap	49 - 49 - 59
«CC» Face-to-Face (flanged PN40)	150 - 150 - 170
Weight, kg	1,0 - 1,0 - 7,5
Maximum Allowable Pressure (vessel design)†	70 bar @ 399°C
Minimum Operating Pressure	0,24 bar
Maximum Operating Pressure	41 bar @ 252°C

**Table ST-166-3. CD-72SL Dimensions and Weights**

Model No.	CD-72SL
	mm
	25
«A»	48
«B» Height	120
«C» Length with flanged PN40	150
«D» $\varnothing$ to top of cap	55
Weight, kg	5,0
Maximum Allowable Pressure (vessel design)†	70 bar @ 399°C
Minimum Operating Pressure	0,24 bar
Maximum Operating Pressure	41 bar @ 252°C

† May be derated depending on flange rating and type. Flange size, ratings and face-to-face dimensions are available on request.

**Table ST-166-4. CD-72S/SL Series Capacity**



**All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.**

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