

# PD11

## LIQUID DRAIN TRAPS



### DESCRIPTION:

Compressed air drain trap with inbuilt strainer, in full stainless steel construction suitable for draining light moisture loads from air lines.

### FEATURES:

Complete stainless steel construction ensures better mechanical and corrosion resistance properties. The disc and seat are hardened by a special induction hardening process with seat harder than disc, to withstand continuous, prolonged operation. Specially designed disc makes the trap operate periodically, effectively discharging liquid immediately as it accumulates.

**SIZES:** DN15, 20

**CONNECTIONS:** Screwed (NPT/BSPT/BSP)/SW

### LIMITING CONDITIONS:

PMA: Max. allowable pressure	42 bar(g)
TMA: Max. allowable temperature	425° C
Maximum operating back pressure at the outlet should not exceed 80% of the inlet pressure.	
Minimum differential pressure for satisfactory operation	0.25 bar
Cold hydro test pressure	63 bar(g)

### MAINTENANCE:

This trap can be maintained without disturbing the piping connections. Ensure that the trap is isolated - upstream and downstream - before attempting to dismantle it. For troublefree performance, periodic cleaning of the disc, seat and strainer screen is recommended. In extremely dirty conditions, it may be necessary to deepen the bleed scratch or make additional ones. The scratch should be over the area covered by and extending beyond the outer seat face.

### OPTIONAL FITTINGS:

**BLOW DOWN VALVE:** When the blow down valve is opened, loose material collected in the strainer is purged.

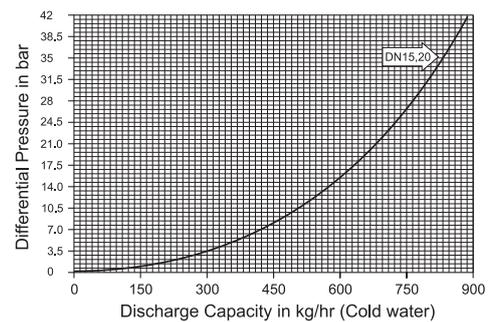
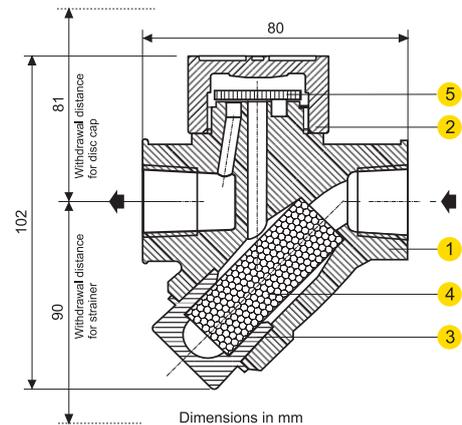
### INSTALLATION:

The trap will operate in any position but the preferred installation is in a horizontal position with the disc cap on the top.

**WEIGHT:** 1.0 kg

### AVAILABLE SPARES:

Disc, Strainer Screen (Packet of 5), Blow Down Valve.



### MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	ASTM A743 Gr. CA 40 (Cast Equiv. AISI 420)	01
2.	DISC CAP		01
3.	STRAINER CAP		01
4.	STRAINER	AISI 304	01
5.	DISC	AISI 304	01

**HOW TO ORDER:** PD11 DN15 BSP

### ORDERING INFORMATION:

- 1) Inlet Pressure in bar(g)
- 2) Back Pressure in bar(g)
- 3) Operating Temperature in °C
- 4) Moisture Load in kg/hr
- 5) Size & Model
- 6) End Connections

### CAUTION:

DO NOT USE FOR HAZARDOUS/POISONOUS MEDIA