

PD61SS

LIQUID DRAIN TRAPS DN15, DN20



DESCRIPTION:

All stainless steel PD61SS liquid drain traps are designed to drain moisture/ liquids from compressed air/gas systems.

FEATURES:

Modulating discharge.

USE:

Compressed air and non-corrosive gas compatible with the construction.

SIZES: DN15, 20

CONNECTIONS:

Screwed (NPT / BSPT / BSP)

Socket weld / Flanged*

*End connection flanges of Stainless steel are welded on.

LIMITING CONDITIONS:

PMA: Max. allowable pressure	16 kg/cm ² (g)
TMA: Max. allowable temperature	220 °C
PMO: Max. operating pressure	14 kg/cm ² (g)
TMO: Max. operating temperature	220 °C
Body shell design rating	20 kg/cm ² (g) 426 °C
Cold hydro test pressure	24 bar(g)

INSTALLATION:

Standard horizontal installation with flow from right to left PD61SS.

UPON REQUEST:

- Horizontal installation with flow from left to right PD61SS (L-R).
- Vertical installation with flow from top to bottom PD61SS (V).

Max. differential pressure range:

PD61SS-4.5 : 4.5 kg/cm²

PD61SS-10 : 10 kg/cm²

PD61SS-14 : 14 kg/cm²

The trap should be installed below the drain point of the equipment in a position so that the float arm is in a horizontal plane and the float rises and falls vertically, with the flow direction as indicated on the body.

The arrow on the nameplate should be pointing vertically upwards.

It is recommended that an equaliser line be fitted as shown in the installation manual for this product

CAUTION:

DO NOT USE FOR HAZARDOUS/POISONOUS MEDIA

DISCHARGE CAPACITY IN kg/hr (COLD WATER)

Model	Size	DIFFERENTIAL PRESSURE (bar)																
		0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0
PD61SS-4.5	DN15, 20	259	364	416	454	520	591	645	----	----	----	----	----	----	----	----	----	----
PD61SS-10	DN15, 20	175	196	230	246	300	350	366	375	391	454	504	520	545	----	----	----	----
PD61SS-14	DN15, 20	165	180	196	216	250	285	300	331	350	386	425	454	490	525	449	591	625

MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	ASTM A351 Gr. CF8	01
2.	COVER PLATE	ASTM A351 Gr. CF8	01
3.	TOP COVER	AISI 304	01
4.	BALL FLOAT & LEVER ASSY.	AISI 304	01
5.	BRACKET ASSY.	AISI 304	01
6.	VALVE SEAT	AISI 410/420	01
7.	PLUG	STAINLESS STEEL	01
8.	COVER GASKET	Non CAF	01
9.	BOLT	STAINLESS STEEL	04
10.	DRAIN PLUG	STAINLESS STEEL	01
11.	GASKET	COPPER	01
12.	FLANGE	ASTM A182 Gr. F304	02

DIMENSIONS: Nominal in inches (mm)

SIZE	A	B	C	D	E	
					#150	#300
½", ¾" DN15,20	5.0 (127)	4.72 (120)	2.36 (60)	5.71 (145)	7.87 (200)	8.27 (210)

WEIGHTS: (approx.)

SIZE	SCR / SW	FLANGED	
		#150	#300
½"	7.25 lbs	10 lbs	10.75 lbs
DN15	3.3 kg	4.6 kg	4.9 kg
¾"	7.25 lbs	11 lbs	12.75 lbs
DN20	3.3 kg	5.0 kg	5.8 kg

AVAILABLE SPARES:

Valve Seat, Ball Float & Lever Assly., Gaskets

ORDERING INFORMATION:

- 1) Inlet Pressure in bar(g)
- 2) Back Pressure in bar(g)
- 3) Operating Temperature in °C
- 4) Condensate Load in kg/hr
- 5) Size & Model
- 6) Horizontal/Vertical
- 7) End Connections
- 8) Flow Direction

