PD66

LIQUID DRAIN TRAPS
DN40, DN50

DESCRIPTION:

High capacity float traps are designed for draining moisture and liquid from compressed air/gas systems.

FEATURES:

Modulating discharge.

USE:

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

SIZES: DN40, 50

CONNECTIONS:

Screwed (NPT/BSPT/BSP)
Flanged / Socket weld

LIMITING CONDITIONS:

PMA: Max. allowable pressure	16 kg/cm² (g)
TMA: Max. allowable temperature	220 ºC
PMO: Max.. operating pressure	4.5 kg/cm² (g)
TMO: Max. operating temperature	220 ºC
Body shell design rating	20 kg/cm² (g) 425º C
Cold hydro test pressure	24 kg/cm² (g)

INSTALLATION:

Horizontal installation with flow from left to right. The trap should be installed horizontally below the drain point of the equipment in a position such that the float arm is in a horizontal plane and the float rises and falls vertically, with the flow direction as indicated on the cover.

The arrow on the nameplate should be pointing vertically upwards. It is recommended that an equalizer line be fitted as shown in the installation manual for the product

Max. differential pressure range:
PD66-4.5 : 4.5 kg/cm2

TRAP DISCHARGE CAPACITY IN kg/hr

MODEL	Size	DIFFERENTIAL PRESSURE (kg/cm2)										
		0.04	0.07	0.14	0.35	0.70	1.00	1.40	2.10	2.80	3.50	4.5
PD66-4.5	DN40, 50	3790	4620	6270	7250	7670	8880	9630	11930	13860	15490	18360

Recommended safety factor: steady condns. 1.5 ; fluctuating condns. 2

All Dimensions are in mm. weights in kg.

MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	ASTM A216 Gr. WCB	01
2.	COVER	ASTM A216 Gr. WCB	01
3.	GASKET	Non CAF	01
4.	VALVE SEAT	AISI 410/420	02
5.	VALVE PIN		02
6.	BALL FLOAT	AISI 304	01
7.	LEVER	AISI 304	01
8.	PLUG	STAINLESS STEEL	01
9.	BOLT	A 193 Gr. B7	06
10.	DRAIN PLUG	CARBON STEEL	01
11.	STEM	AISI 304	01

WEIGHT:

Screwed/SW : 31kg
Flanged : 35 kg

AVAILABLE SPARES:

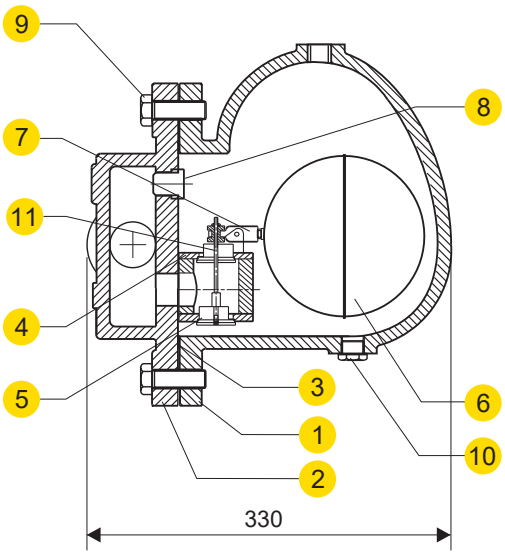
Valve Seat, Ball Float & Lever Assly., Gaskets.

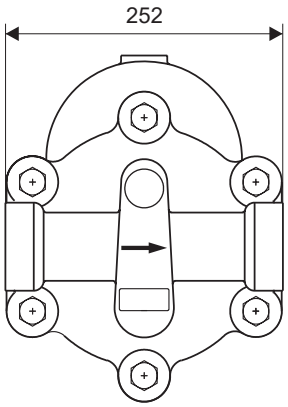
HOW TO ORDER:

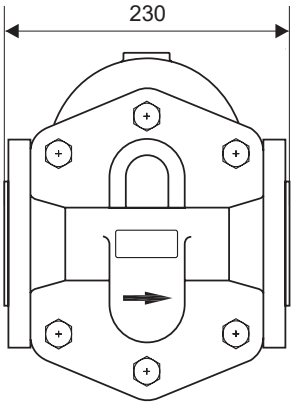
PD66 - 4.5 DN40 BSP

CAUTION:
DO NOT USE FOR HAZARDOUS/POISONOUS MEDIA

PD66







DIMENSIONS - Nominal in mm

Local regulations may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interest of development and improvement of the product, we reserve the right to change the specifications without prior notice.

All Dimensions are in mm. weights in kg.