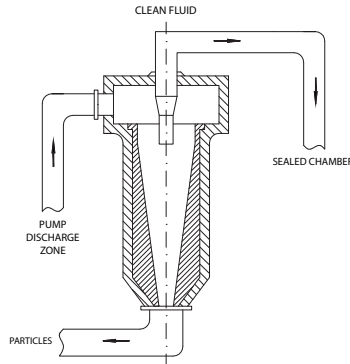


LC



SECTORS:



CHARACTERISTICS:

- Working pressure: 64 bar.
- Temperature: up to 125° C
- Materials: Stainless steel.

DESCRIPTION:

Working fluids often contain sand particles, incrustated residue from boilers and pipes etc. which can damage the mechanical seal and reduce its durability. Situations of this type can be avoided by installing a cyclone.

This type of element is installed outside the pump, between the discharge zone and the mechanical seal chamber. A current or vortex of pressurised fluid is generated inside it and the effect of the centrifugal force separates the particles suspended in the fluid. The particles that are heavier than the fluid are thrown towards the walls and dragged to the lower part of the LC, while the clean fluid emerges from the top and is returned to the chamber where the mechanical seal is located.

API31 and API41 configuration.

These elements require no maintenance and do not become blocked over time.

LHP



SECTORS:



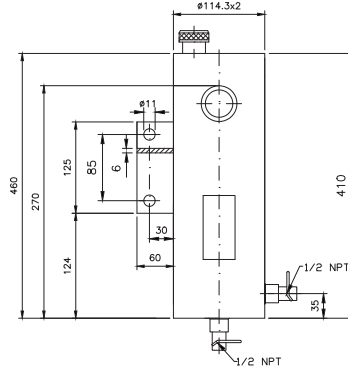
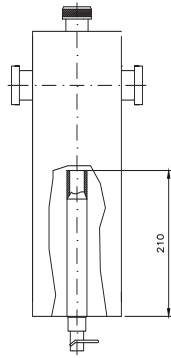
CHARACTERISTICS:

- Temperature: - 30° C to +110° C.
- Working pressure: 30 bar.
- Volume (L) : 2 l.
- Flow rate: 15 ml / run-out
- Materials: Stainless steel / polyethylene.

DESCRIPTION:

LHP with a built-in tank for placing on the reservoir. Installed directly in the LTS reservoir.

LQT



SECTORS:



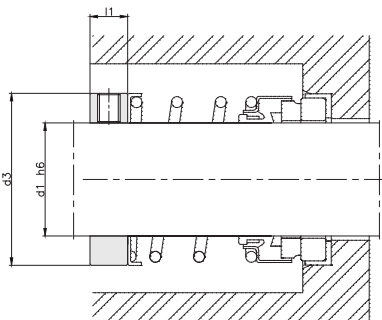
CHARACTERISTICS:

- Temperature: -60° C to +200° C.
- Working pressure: up to 25 bar.
- Volume: 4, 6, 10 l.
- Materials: Stainless steel.

DESCRIPTION:

LST for supplying barrier fluid with or without pressure in double cartridge or mechanical seal installations which enables the circulation of the barrier fluid due to the thermosiphon effect or the pumping ring (mechanical seal). API52, API53 and API53A configuration.

LHP



DIMENSIONS CHART

Dimensions in mm

Shaft mm	d <sub>3</sub>	l <sub>1</sub>
12.0	21.0	7.5
12.7	21.0	7.5
14.0	23.0	7.5
15.0	24.0	7.5
15.8	25.0	7.5
16.0	25.0	7.5
18.0	31.0	7.5
19.1	31.0	7.5
20.0	33.0	7.5
22.0	35.0	7.5
22.2	35.0	7.5
24.0	37.0	7.5
25.0	38.0	7.5
25.4	38.0	7.5
28.0	41.0	7.5
28.6	41.0	7.5
30.0	43.0	7.5
31.7	45.0	7.5
32.0	45.0	10.0
33.0	46.0	10.0
35.0	48.0	10.0
38.0	53.0	10.0
40.0	55.0	10.0

SECTORS:



CHARACTERISTICS:

- Ring with two allen screws for attaching it to the shaft.

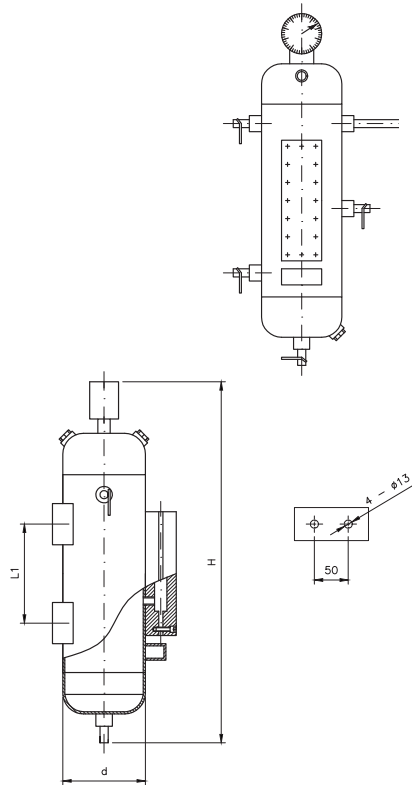
DESCRIPTION:

This element is attached to the shaft to permanently ensure the compression of the rotating part of the mechanical seal. It can be used with rubber bellows or single spring mechanical seals.

Shaft mm	d <sub>3</sub>	l <sub>1</sub>
41.2	55.0	10.0
43.0	58.0	10.0
44.4	60.0	10.0
45.0	60.0	10.0
47.6	63.0	10.0
48.0	63.0	10.0
50.0	65.0	10.0
50.8	65.0	10.0
53.0	68.0	10.0
53.9	68.0	10.0
55.0	70.0	10.0
57.1	70.0	10.0
60.0	79.0	10.0
60.3	79.0	10.0
63.5	82.0	10.0
65.0	84.0	12.0
66.6	84.0	12.0
69.8	89.0	12.0
70.0	89.0	12.0
73.0	95.0	12.0
75.0	98.0	12.0
76.2	98.0	12.0

Dimensions subject to changes or modifications.

LST



SECTORS:



CARACTÉRISTIQUES :

- Temperature: -60° C to +200° C.
- Working pressure: up to 25 bar.
- Volume: 4, 6, 10 l.
- Materials: Stainless steel.

DESCRIPTION :

LST for supplying barrier fluid with or without pressure in double cartridge or mechanical seal installations which enables the circulation of the barrier fluid due to the thermosyphon effect or the pumping ring (mechanical seal). API52, API53 and API53A configuration. It may be supplied with instruments for automatic level, pressure and temperature control and verification and a cooling coil to regulate the fluid barrier temperature.

Model	Capacity	d	l <sub>1</sub>	H	Connection
LST-4	4	133	175	470	3/8 G
LST-6	6	159	260	690	1/2 G
LST-10	10	219	260	840	1/2 G