

VEO

OIL EXPANSION VESSEL

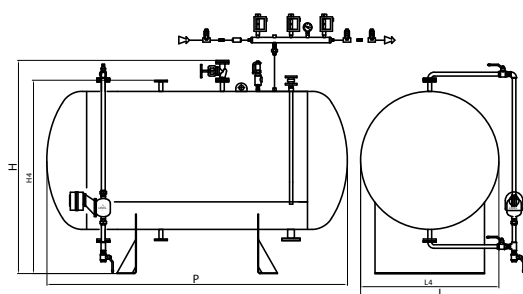


Main features

The expansion tank is designed to absorb the volumetric changes of oil caused by temperature variation.
Its composition consists of a horizontal pressurized vessel with nitrogen.
The pressure ranges from 1 bar with cold oil up to 4 bar with 280 °C oil.
The tank is conform with the PED 97 23 norm, built from carbon steel Fe 410.1. KW UNI 5869/75, externally varnished
VEO is provided with accessories necessary for pressure and level automatic control. Selectors, fuses, and expansion lights are located in the control panel of the OPX heater.

Standard equipment

- PED 97/23/CE certified safety valve
- level indicator
- oil supply level control system containing:
 - Float level controller with integrated low level alarm
 - oil load pump
- supply nitrogen system for pressure control containing:
 - nitrogen manifold
 - manometer
 - pressure gage
 - nitrogen feed valve
 - security pressure gage
 - 2 nitrogen solenoid valves
 - 2 no return valves



Characteristics	Code product	Design pressure bar	Temp. di progetto °C	Water content lt	Total weight kg	H	H4	L	L4	P
Model						mm	mm	mm	mm	mm
VEO 200	87170200	5	300	200	150	1250	950	900	500	1320
VEO 400	87170400	5	300	400	250	1300	1160	1050	650	1380
VEO 600	87170600	5	300	600	280	1500	1350	1200	800	1380
VEO 800	87170800	5	300	800	320	1500	1350	1200	800	1780
VEO 1000	87171000	5	300	1000	360	1500	1350	1200	800	2180
VEO 1500	87171500	5	300	1500	430	1700	1500	1400	1000	2130
VEO 2000	87172000	5	300	2000	500	1700	1500	1400	1000	2780
VEO 3000	87173000	5	300	3000	950	1930	1750	1480	1250	2720
VEO 6000	87176000	5	300	6000	1400	2150	2055	1730	1500	3720