



Specification

Nominal size

DN80

Tank connection

Flanged: 4 slots equi-spaced on a 145.0/152.4 min/max PCD. 1/4" BSP gauge connection

Refer to Flange Drilling & Accessory Parts

Set pressure

From 5.5 Bar to 14.3 Bar

Materials

Contact parts: 316 stainless steel

Pressure O ring: Fortyt

Alternatives are available, refer to the Design Options page

Design Conditions

Weight: 6.6 to 10.4 Kg **NOTE**

NOTE: The valve specification changes the weight and the design conditions. Please contact Fort Vale for more information.

Type Approval

Lloyd's Register

WARNING: If you install an approved relief valve accessory item, e.g. a flame arrester, cowl, burst disc or baffle, it will decrease the air flow capacity of the relief valve. Thus, you must calculate again to make sure that the decreased air flow capacity will give sufficient protection to your vessel/system. Please refer to Fort Vale for more information.

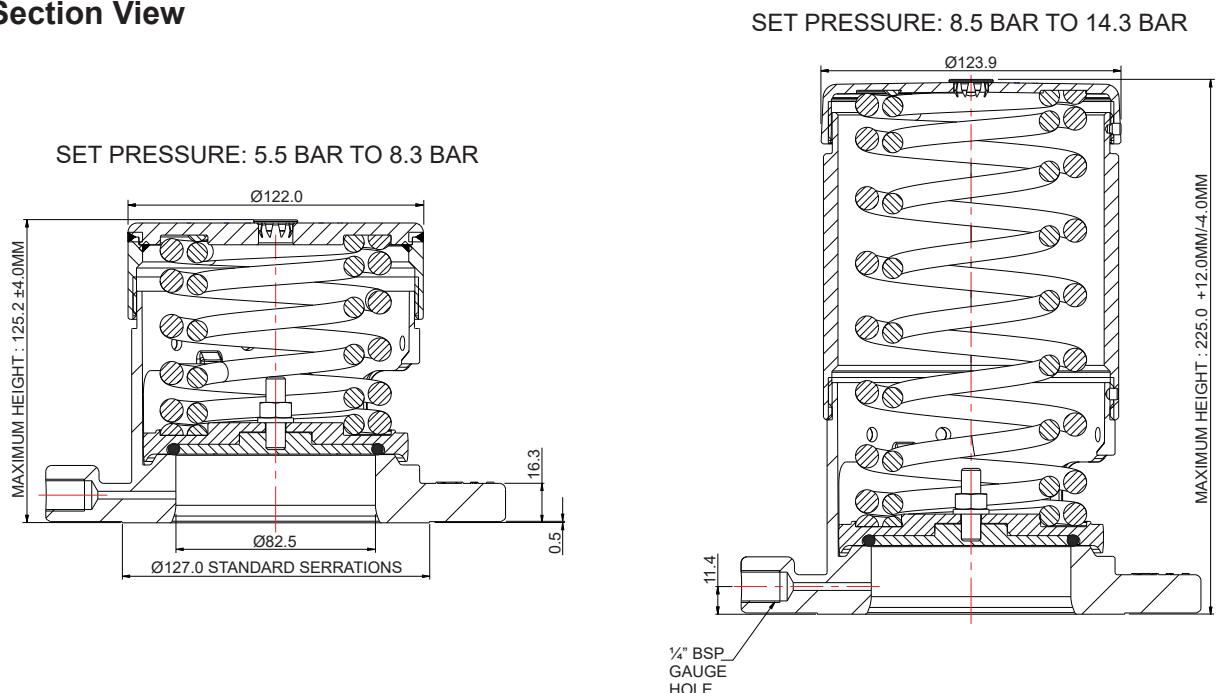
Flange Drilling & Accessory Parts

Drilling Spec.	PCD mm	Weld-in flange	Gasket
DIN65 PN10	145.0	176/3250	5005-332
3" Table D	146.1	176/3140	5005-013
DIN80 PN6	150.0	176/3158	5005-334
3" ASA 150	152.4	176/3125	5005-204

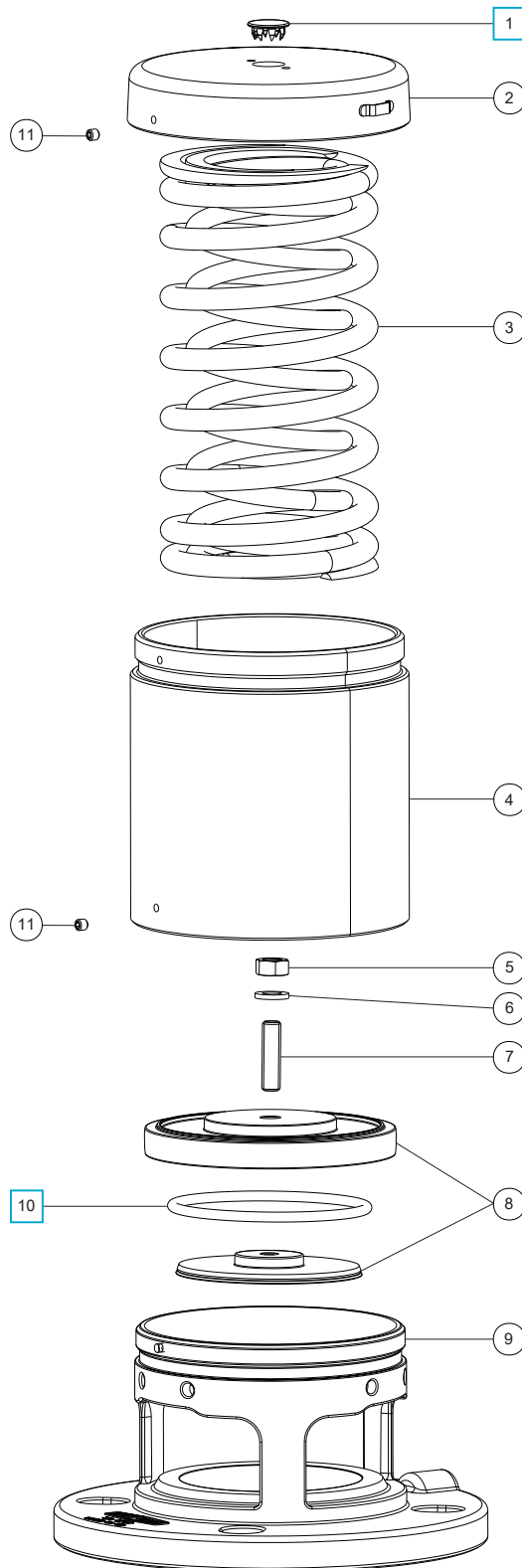
Related Parts

Description	Part No.
0-20 Bar pressure gauge, brass internal parts	921/20BBSP
Flame arrester *Warning	176/2920
M16 stud kit: 150 & 152.4 PCD	311/3700
M16 cap screw bolt kit: 145 & 146 PCD	311/3785

Section View



Parts Drawing



Parts List

Item	Description	Part No.
1	Stainless steel plug	10978
2	Top cap *Note 1	1860/XXXXXX
3	Spring set *Note 1	6104-XXXX
4	Extension tube *Note 2	1860/1025/X
5	Full nut	5112-001
6	Spring washer	5113-003
7	Stud	11426
8	Pressure plate assembly *Note 1	1860/X031XX
9	Body	1860/19SL
10	Fortyt O ring	5005-104
11	Anti-tamper screw (2)	5121-001

NOTE 1: The valve specification changes the Part No.

NOTE 2: Valves with a set pressure ≥ 8.5 Bar have an extension tube. The valve specification changes the Part No.

Seal Kit

Description	Part No.
All parts marked ☐ in the Parts List	049/1PSK