

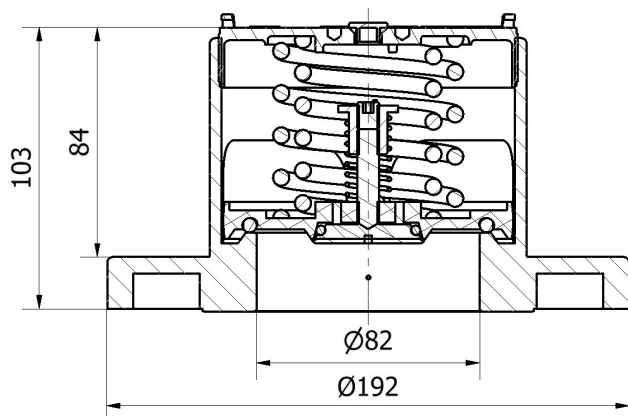
## 3" MEGA SUPERVENTIX™ Series MX80 Pressure & Vacuum Safety relief valve

The Perolo 3" MEGA SUPERVENTIX™ safety relief valve is designed to protect tanks against accidental overpressure or excessive vacuum.

Made of 316L/1.4404 stainless steel, the 3" MEGA SUPERVENTIX™ is applicable to tank containers, IBC's, rail tank cars, road tankers and static tanks dedicated to transporting or storing chemicals and liquid foodstuff.



### Specifications



- Nominal diameter: 82mm (3")
- Maximum Weight : 5.2 kg
- Drilling : 4 X slotted holes Ø18 on a PCD 145-152.4mm  
ISO DN65 PN10 and 3" ASA 150
- Standard pressure settings : 2.18, 3.75, 4.40 Bar.
- Standard vacuum settings : 0.21 bar.
- Other Pressure & vacuum settings available on request
- Certified Flow rate
- Design temperature: -40°C +190°C

### Flow rate

Set Pressure			Measured flow rate at 120 % without gauze		Certified flow rate with the federal Register coefficient 90% without gauze	
Bar	KPa	PSIG	Sm <sup>3</sup> /s	Scfm	Sm <sup>3</sup> /s	Scfm
+/- 0.14	+/- 14	+/- 2				
2,18	218	31,6	3,24	6871	2,91	6171
3,75	375	54,4	4,51	9554	4,06	8607
4,40	440	63,8	5,03	10664	4,53	9603

- Flow conditions: pressure 101.3 kPa at 15°C

### Features

- Full 316L/1.4404 stainless steel construction
- Supplied with/without vacuum
- FEP seals
- High flow rates performance

### Approval & Certifications

- Comply with IMDG & ADR.
- Comply with ISO4126-1
- Certified flow rate witnessed by Bureau Veritas.
- Certified by Lloyd's Register.

### Options

- Flame proof gauze
- Extreme Resistance to Corrosion with :
  - HALAR Coating body & springs
  - Poppet in Hastelloy C276
- Vacuum test button
- PED CE97/23, Series MP80
- 1/4" BSP Pressure gauge connection
- Gauge protection

### Accessories

- Weld in flange. Part# 12 92 03 00 00
- Recess flange. Part# 11 90 63 00 00
- Bursting disc
- Gasket. Part# 12 92 04 00 00
- Pressure gauge. Part# 70 18 06 00 95



# 3" MEGA SUPERVENTIX™

Series MX80 Pressure & Vacuum Safety relief valve

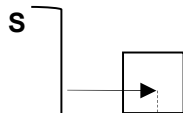
## Codification

### 1. Base code of your Mega-SUPERVENTIX™

MX80	?	??	T	??	?	?	?	?
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### 2. Drilling

- 4x slotted holes  $\varnothing 18$  PCD145-152.4  
With 1/4" BSP Connection  
Comply with DN65 PN10 & 3" ASA 150

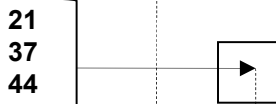


- 4x slotted holes  $\varnothing 18$  PCD145-152.4  
With 1/4" BSP Plug  
Comply with DN65 PN10 & 3" ASA 150



### 3. Set Pressure

- 2.18 Bar
- 3.75 Bar
- 4.40 Bar
- Other on request



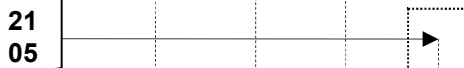
### 4. Seal type pressure/vacuum

- FEP



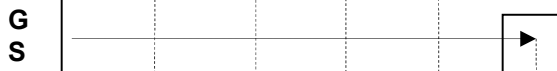
### 5. Vacuum (Optional)

- 0.21 Bar
- 0.05 Bar
- Other on request



### 6. Flame proof gauze

- With
- Without



### 7. Vacuum test button (Optional)



### 8. Extreme Resistance to Corrosion (Optional)



### 9. Gauge protection (Optional)



### Final code of your Mega-SUPERVENTIX

MX80	?	??	T	??	?	?	?	?
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### STANDARD PART#

MX80	S	44	T	S
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For any specific requests, please feel free to contact our sales department at [sales@perolo.com](mailto:sales@perolo.com)