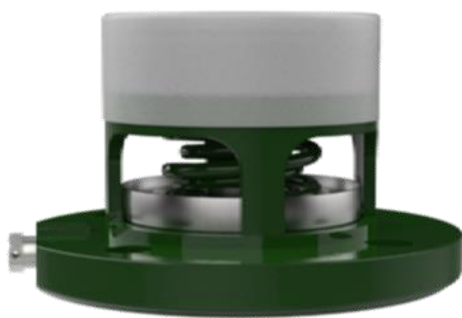


3" MEGA SUPERVENTIX SRV

HIGH CORROSION ND80 SRV

MX80



3" MEGA SUPERVENTIX™ flanged safety relief valve - designed to protect tanks against accidental overpressure or excessive vacuum. With a smart compact design, the 3" MEGA SUPERVENTIX™ has a high flow performance. This product consists of a HALAR coated body and Hastelloy, Titanium & PVDF poppet insuring an extreme resistance to corrosion. Its plastic protection cap placed on top of the coverlid maximizes corrosion resistance.

Caution: Please check the cargo compatibility with proposed materials

SPECIFICATION

Bore Diameter	82 mm
Weight	5.2 Kg
Drilling	4 slotted holes x Ø18 on a 145 to 152.4 PC
Pressure Setting	1 bar to 7,7 bar
Vaccum Setting	0,05 to 0,41 bar
Working Temperature	-40° to +150°C
Design Temperature	-40° to +190°C

NB: temperature range vary according to o'ring material

CONFORMITY & CERTIFICATION

ADR / IMDG / RID / ISO4126-1

Lloyd's

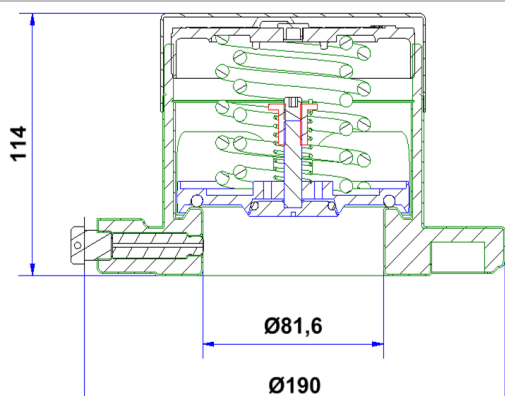
STANDARD FEATURES (See Codification for option)

Made of (material)	Body: 316/1.4408 & HALAR coated, Poppet: C276 Hastelloy, PVDF, Titanium
Seals Material	PTFE
O Ring Material	FEP/Silicone - others on request

ACCESSORIES

Weld-in flange	12 92 03 00 00
Recess flange	11 90 63 00 00
Seal	12 92 04 00 00
Screw kit	11 10 09 91 00
Stud kit	17 12 12 91 00
Gauge protection Kit	11 10 24 00 01
HALAR gauge prot. Kit	11 10 69 10 00
Pressure gauge	70 18 06 00 95

DIMENSIONAL DRAWING

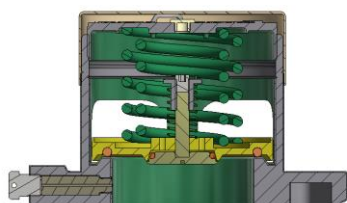


Halar coating thickness 500 µm

C276 Hastelloy, PVDF, Titanium: see p2 for poppet material options

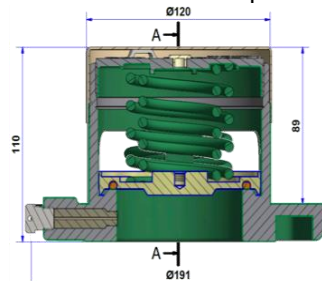
Hastelloy C276 adjustment nut

With vacuum option



Set pressure			Measured flow rate at 120% without gauze		Certified flow rate with the federal register coefficient 90% without gauze	
Bar	kPa	PSIG	Sm³/S	Scfm	Sm³/S	Scfm
Max (±3% SP, 0,1B/1,45PSI)						
2,18	218	31,6	2,78	5888	2,50	5299
3,3	330	47,9	4,11	8705	3,70	7834
3,75	375	54,4	4,6	9743	4,14	8769
4,4	440	63,8	5,35	11331	4,82	10198
7,3	730	105,9	7,372	15614	6,63	14053

Without vacuum option



Due to our policy of continuous product improvement, specifications may change without notice - Specification sheet PWA 11 10 69 20 00 F

It is the customer's responsibility to check the compatibility between valves material and transported product.

PEROLO SAS, 69 Rue des Maçons, 33390 Blaye, FRANCE -Phone : + 33 (0)5 5742 67 00 - Email : sales@perolo.com

SAFETY RELIEF VALVE



CODIFICATION

STANDARD PART NUMBER

MX80 P 44 T 21 G . H

YOUR PART NUMBER

MX80

T

BODY DRILLING

4 slots x Ø18 x 145-152.4 PCD
 with 1/4" BSP connection

S

4 slots x Ø18 x 145-152.4 PCD
 with 1/4" BSP connection and plug

P

4 slots x Ø18 x 145-152.4 PCD
 without connection

E

SET PRESSURE - Other on request

No pressure

00

, bar (ex: 4.4bar)

44

SEAL MATERIAL

FEP

T

VACUUM - other on request

No Vacuum

.

0,** bar (ex: 0.21 bar)

21

FLAME PROOF GAUZE

With

G

Without

S

VACUUM TEST BUTTON

With

B

Without

.

HIGH CORROSION - poppet material

Pressure Plate: Hastelloy C276 - Vacuum Plate: Hastelloy C276
 Max pressure setting: 7,3b - Max working temperature: +150°C

J

Pressure Plate: Titanium - Vacuum Plate: PVDF
 Max pressure setting: 7,3b - Max working temperature: +80°C

T

Pressure Plate: PVDF - Vacuum Plate: PVDF
 Max pressure setting: 4,4b - Max working temperature: +80°C

R



SAFETY RELIEF VALVE