

2 1/2" MEGA SUPERVENTIX SRV

HIGH CORROSION FLANGED ND65 SRV

MX65S/P



2 1/2" MEGA SUPERVENTIX™ flanged safety relief valve - designed to protect tanks against accidental overpressure or excessive vacuum. With a smart compact design, the 2 1/2" 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	68 mm
Weight	5.63 Kg
Drilling	4 slotted holes x Ø18 on a 145 to 152.4 PC
Pressure Setting	From 0.5 to 7.4 Bar
Vacuum Setting	From 50 to 410 mBar
Working Temperature	-50° to +150°C
Design Temperature	-50° to +190°C

NB: temperature range vary according to o'ring & poppet material

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

CONFORMITY & CERTIFICATION

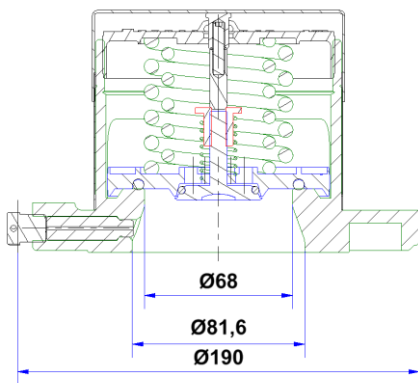
ADR / IMDG / RID / ISO4126-1

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

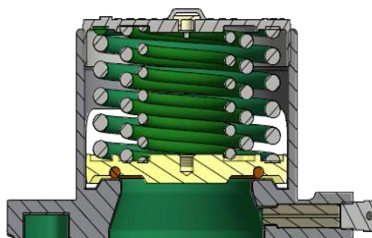
DIMENSIONAL DRAWING



— Halar coating thickness 500 µm

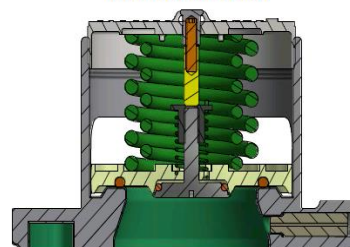
— C276 Hastelloy, PVDF, Titanium: see p2 for poppet material options

— Hastelloy C276 adjustment nut without 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	2,56	5425	2,30	4883
3,75	375	54,4	3,92	8306	3,53	7475
4,4	440	63,8	4,48	9492	4,03	8543
7,3	730	105,9	6,99	14810	6,29	13329

with vacuum option



SAFETY RELIEF VALVE

CODIFICATION

STANDARD PART NUMBER

MX65 P 44 T 21 G . . J

YOUR PART NUMBER

MX65 T J

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	A

SET PRESSURE - Other on request

No pressure	00
*.bar (ex: 4.4bar)	44

SEAL MATERIAL

FEP	T
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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	.
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

HIGH CORROSION halar coated body

Internal & external HALAR coating	J
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SAFETY RELIEF VALVE