



technische import

Produkt informatie



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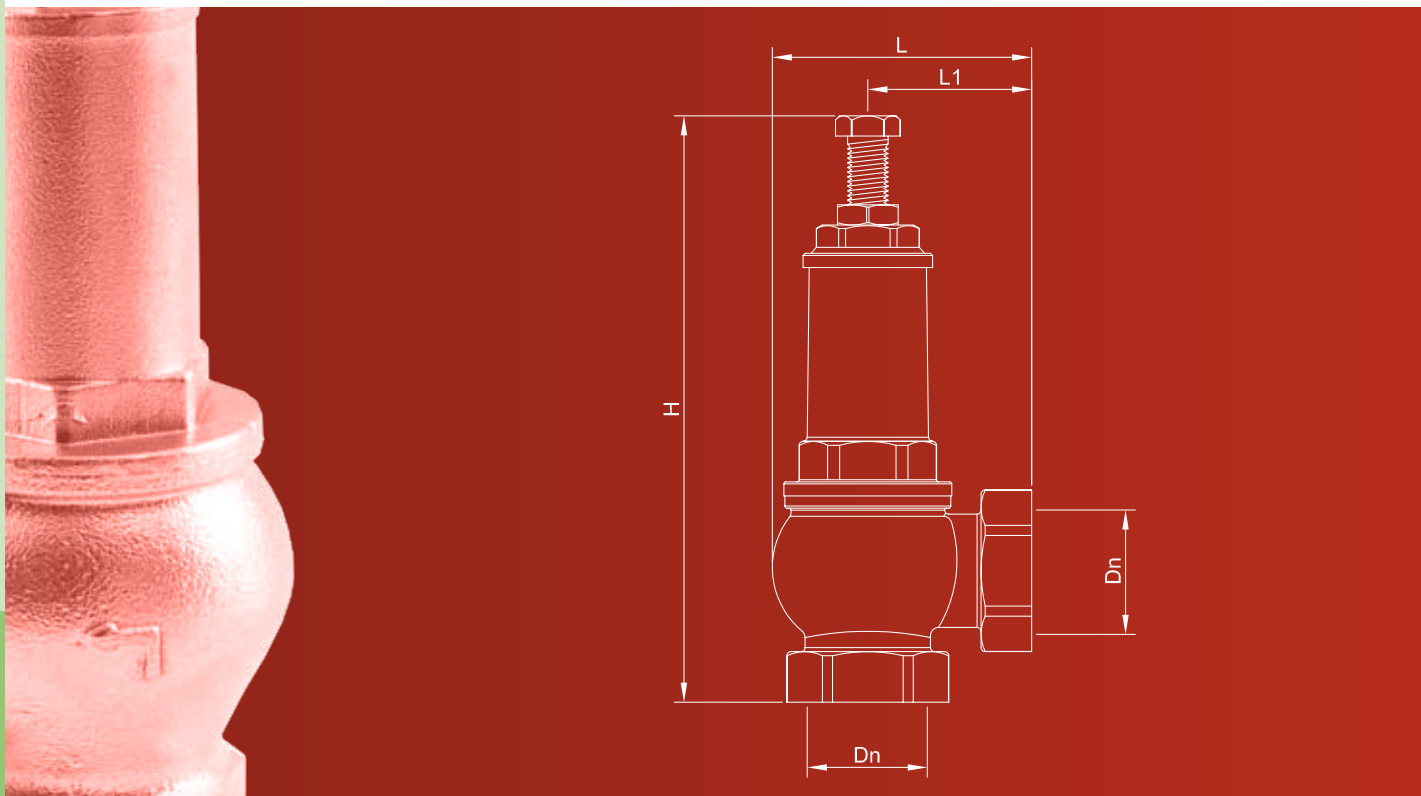
1811.0 • 3/8"-3"

1821.0 • 3/8"-3"

1831.0 • 3/8"-3"

ADJUSTABLE PRESSURE RELIEF VALVES CE
WITH CONVEYED DISCHARGE

CONNECTIONS: FEMALE-FEMALE



FEATURES

Dn	L	L1	H
3/8"	45	24,5	115
1/2"	56	30	122
3/4"	64	32	149
1"	76	40	163
1"1/4	90	44	192
1"1/2	100	47	218
2"	124	60	247
2"1/2	147	74,5	304
3"	155	86	336

1811.0 • 3/8"-3"

1821.0 • 3/8"-3"

1831.0 • 3/8"-3"



ADJUSTABLE PRESSURE RELIEF VALVES CE
WITH CONVEYED DISCHARGE

CONNECTIONS: FEMALE-FEMALE



HYDRAULIC FEATURES

The CE marked pressure relief valve with conveyed discharge is a self-regulating valve capable of maintaining the pressure of the system (P) constant within a specified range, using the energy of the fluid, conveyed and discharged, and regulating the position of the obturator. Force is applied directly to the obturator by a spring (direct action). Once the reference point for pressure P is established, the pressure relief valve automatically adjusts itself by either increasing or decreasing the flow section, and thus the discharge capacity, in order to keep the system's pressure constant. In case the system's pressure drops below the reference pressure P the pressure relief valve will close automatically. The discharge side of the body can not convey and therefore it is perfect for use only with gas and steam (Group I - if compatible). This valve satisfies the essential safety requirements stipulated in the EU Pressure Equipment Directive (PED) 97/23/EC.

TECHNICAL FEATURES

Pressure:

Maximum allowable working pressure (PN)	16 bar
Preset nominal pressure (Pnr) is adjustable in the field from 0.5 to 16 bar (When ordering, please indicate whether preset pressure surpasses 10 bar)	
Minimum accumulation pressure	- 5%
Overpressure	10%
Reclosing value	20%

Threading:

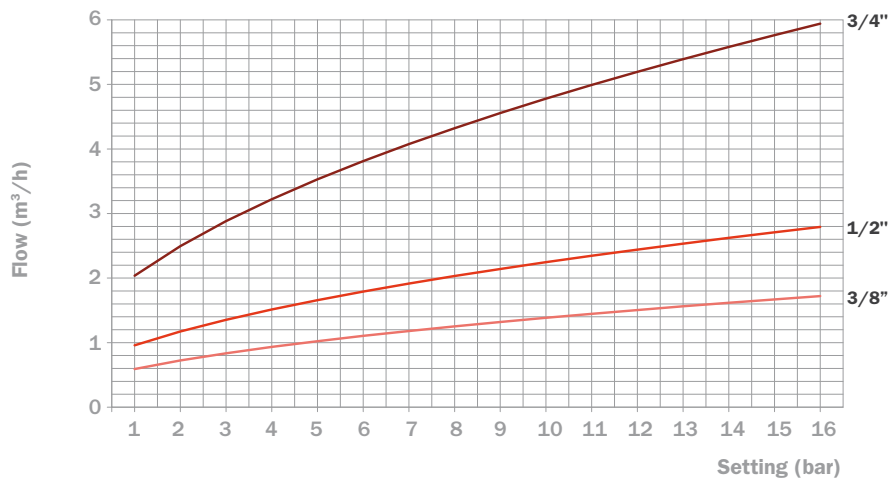
Pipeline connections: Threads according to ISO 228/1

Requirements and tests as per:

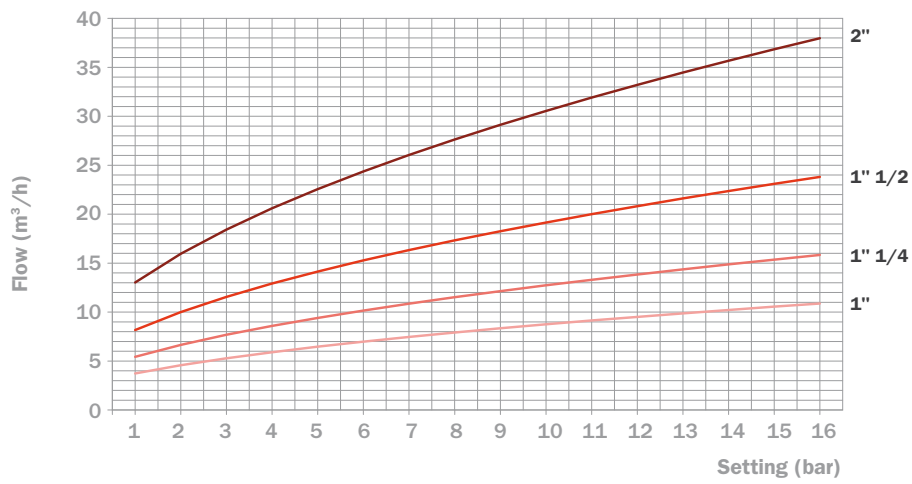
Type test :

Operating performance	Test P20 - EN 12266-2
Shell strength	Test P10 - EN 12266-1
Acceptance test:	
Seat tightness	Test P12 - EN 12266-1

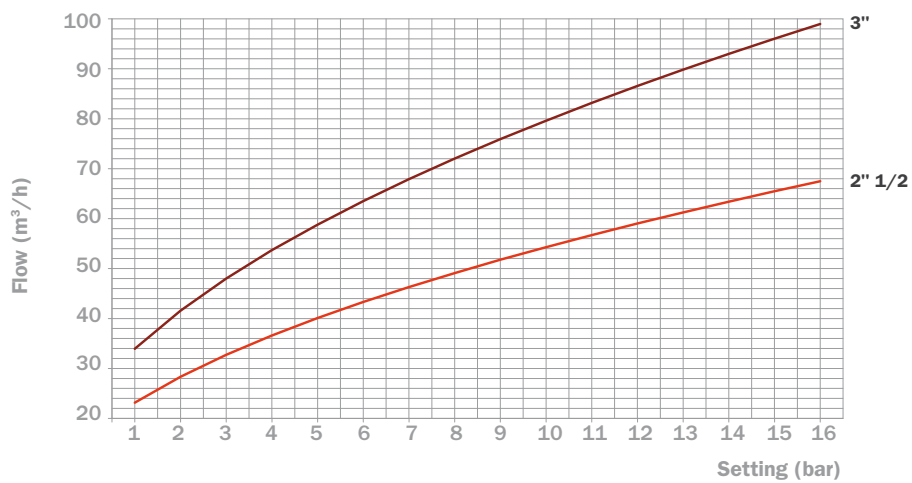
DISCHARGING FLOW H₂O - 1811.0-1821.0-1831.0 3/8"÷3/4"



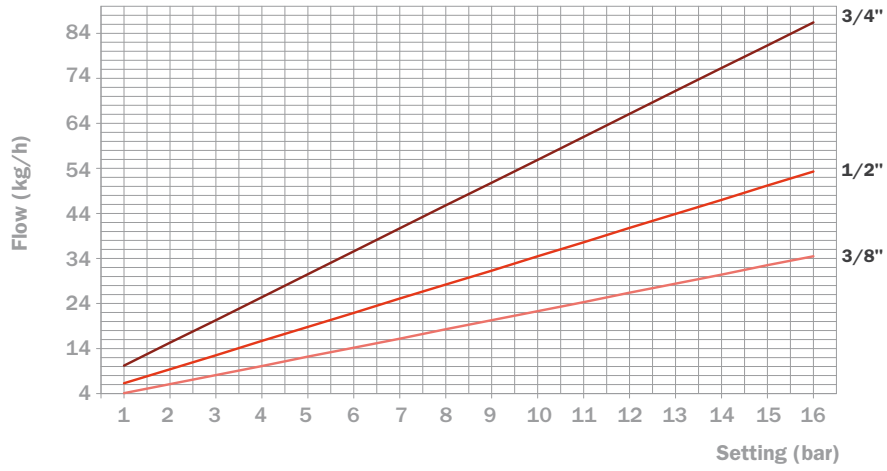
DISCHARGING FLOW H₂O - 1811.0-1821.0-1831.0 1"÷2"



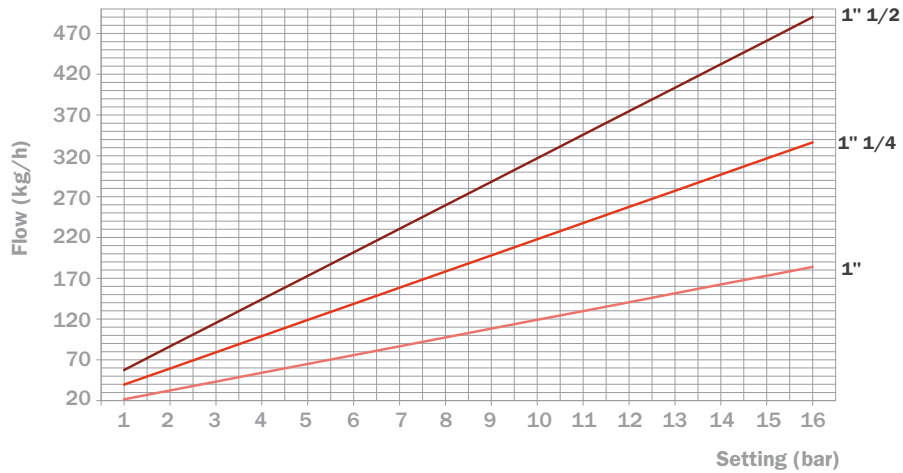
DISCHARGING FLOW H₂O - 1811.0-1821.0-1831.0 2" 1/2 ÷3"



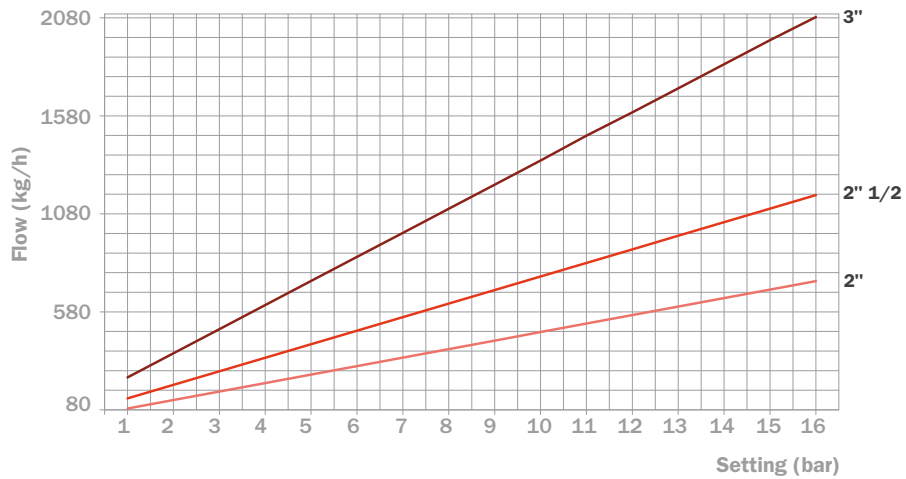
DISCHARGING FLOW GAS - 1831.0 3/8" ÷ 3/4"



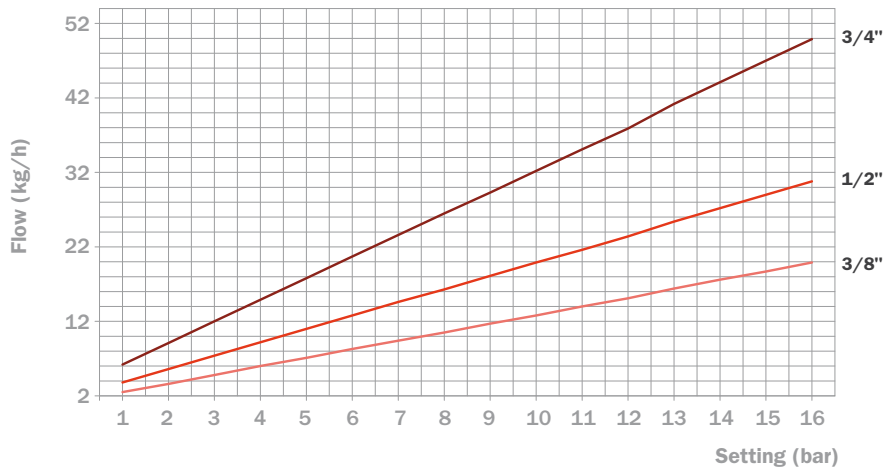
DISCHARGING FLOW GAS - 1831.0 1" ÷ 1 1/2"



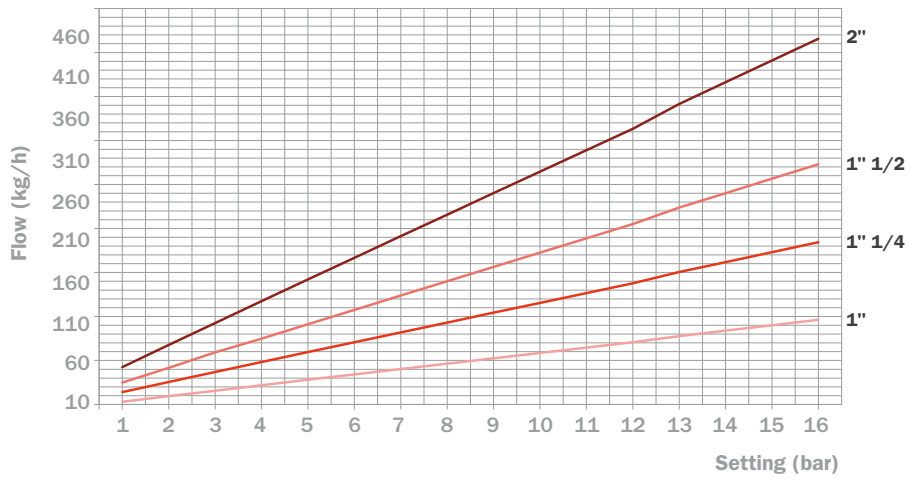
DISCHARGING FLOW GAS - 1831.0 2" ÷ 3"



DISCHARGING FLOW STEAM - 1811.0-1831.0 3/8"÷3/4"



DISCHARGING FLOW STEAM - 1811.0-1831.0 1"÷2"



DISCHARGING FLOW STEAM - 1811.0-1831.0 2 1/2"÷3"

