



rastelli
RUBINETTERIE



560-560TG-560PTFE

VALVOLA LIMITATRICE DI PRESSIONE IN OTTONE
A SCARICO CONVOGLIATO, PER IMPIANTI IDRICI
BRASS ANGLE LIMITING PRESSURE VALVE,
FOR WATER, WITH OUTLET FOR PIPE

Brass F/F conveyed-exhaust limiting pressure valves, adjustable from 0 to 10/16 bar

Threads UNI EN ISO 228/1: FxF

Admitted fluids gases, vapors and non-dangerous liquids

Working temperature:

Metal seat: from -10 to + 200° C

Rubber seat: from -10 to + 70° C

PTFE seat: from -10 to + 180° C

Working pressures:

3/8" => 2": PN16

2" 1/2 => 3": PN10

The article has been conceived and produced following the standard BS 5154 with regard to the wall thickness of the parts under pressure.

Moreover the check of the valve walls has been confirmed by tests in compliance with EN 12516-3.

TEST, TRIAL AND CALIBRATION

1. Install on the trial bench the valve to be calibrated with free spouts exposed to the atmosphere.
2. Install the manometer with class 0.6.
3. Increase slowly the pressure at the source of the valve until you cause the start of the opening that can be visually detected or heard.
4. The requested value of the opening pressure is obtained by means of following adjustments, acting on the calibration regulation plug.
5. Once you have obtained the desired value, repeat twice the calibration control to check the reproducibility.
6. Tighten the locking nut to avoid variations in the calibration pressure.

Maximum calibration allowed for all measures: 10 bar

ATTENTION

IF THE VALVE IS DISASSEMBLED, MODIFIED OR TAMPED WITH, THE PRODUCER DECLINES ALL RESPONSIBILITY.

Pay attention when you install the valve, as the discharge occurs directly with no protection.

The valve has to be positioned in such a way that is not harmful to people.

The 560 series valves are conveyed-exhaust pressure relief valves and not safety valves.

INSTALLATION

1. For a proper installation, the valve has to be installed vertically, otherwise its operation is compromised; however we strongly recommend to convey the valve outlet to an exhaust unit.
2. For thread sealing use a material compatible with the used fluid.
3. Screw the valve on the threaded pipes, positioning the key exclusively on the special hexagonal parts until the valve is blocked on the pipe.
4. Do not exert any strength on the auger.
5. The exhaust piping has to be properly supported not to stress the valve structure; then use heavy clamps to support the pipes.
6. If you use a pipe, it is necessary to place it in a slightly inclined position.
7. The exhausted fluid has to be properly conveyed and deviated downwards to prevent its return to the valve and not to alter the calibration pressure.

MAINTENANCE

At least annually verify that:

1. The valve has not been tampered.
2. The valve does not present structural defects.
3. The valve is still installed correctly.
4. The drain hose is free and could discharge.

HOW TO UNINSTALL

Place the unfixing tool in the part of the valve which is closer to the pipe. Relief the pressure in the pipeline by opening the valve and allow the fluid to come out; unscrew the connections from the valve.

DISPOSAL

For valve operating with hazardous liquids (toxic, corrosive...), if there is a possibility of residue remaining in the valve, take due safety precaution and carry out required cleaning operation.

Personnel in charge must be trained and equipped with appropriate protection devices.

Prior to disposal, disassemble the valve and separate the component according to various materials.

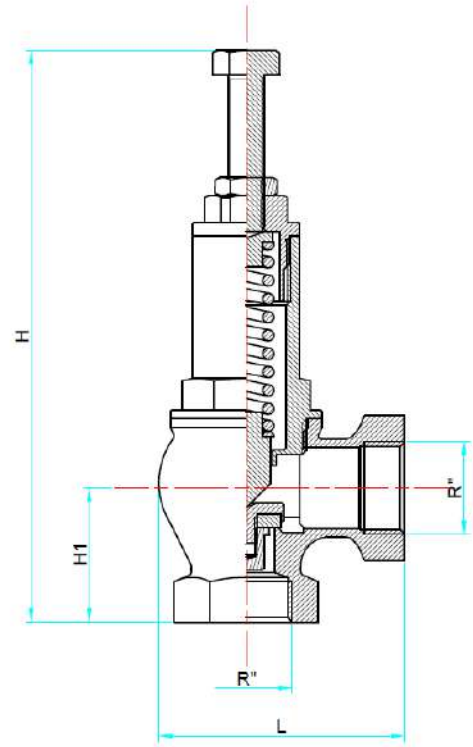
Please refer to product literature for more information.

Forward sorted material to recycling (e.g. metallic materials) or dispose it, according to local and currently valid legislation taking into consideration the environment.

GENERAL INFORMATION

Performance data, including pressure - temperature ratings have been developed from published standards, supplier material certifications, design calculations and in-house testing. They cover typical applications and are provided as a general guideline.

Le misure riportate in tabella sono espresse in mm
All measures in the charts are expressed in mm



R''	L	H	H1	PN
3/8"	46	115	24.5	16
1/2"	56	130	30	16
3/4"	64	158	32	16
1"	76	162	40	16
1" 1/4	90	192	44	16
1" 1/2	100	215	47	16
2"	124	247	60	16
2" 1/2	135	280	69	10
3"	145	293	77	10

560TG: disponibile nelle misure da 1/2" a 3"
available from 1/2" to 3".

560-560TG-560PTFE

Materials

BODY

Brass CC754S

PLUG

3/8" => 2":

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

2" => 3":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

SPRING PUSHER

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

AUGER

3/8" => 2":

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

Brass CC754S

2" => 3":

Brass CC754S

WASHER

3/8" => 2":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

LOCKING NUT

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

Zinc plated carbon steel

SPRING

3/8" => 2":

C72 / AISI302

2" => 3":

C72

ADJUSTING SCREW

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

Zinc plated carbon steel

PUSHER MEMBER

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

GASKET

SBR/PTFE

GASKET HOLDER

3/8" => 2":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

2" => 3":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

OBTURATOR

3/8" => 2":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

2" => 3":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

Brass CC754S

GASKET FASTENING GUIDE

3/8" => 2":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

Brass CW614 UNI EN 12420

Brass CW617 UNI EN 12420

2" => 3":

Brass CW614 UNI EN 12164

Brass CW617 UNI EN 12164

FINISHING

Sand blast





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