

Parker 20XXG Professional Relief Valve Series

Precise, Reliable and Healthy Solution
for Overpressure Control in Hot Beverage
Dispense Equipment



The Product:

Professional 20XXG Stainless Steel Relief Valve Series represent a new concept of relief valves, dedicated to Professional Coffee Machines and Vending Machines.

Completely made by Stainless Steel, with FKM FDA robust seals, in order to give you the best foodstuff compatibility, a wide range of product references is also NSF certified. Please consult Parker specialists to find out NSF certified products.

20XXG Relief valve series is being offered with a wide range of cracking pressures.

Manufacturing pressure setting is marked on the body, however can be finely adjusted by acting on a regulation screw placed inside the 8.0mm hose bib outlet to prevent external tampering of the selected setting.

Parker 20XXG Series provide great resolution. Parker engineers have improved the design to further aid the control of the cracking pressure, which is maintained to within +/- 5% tolerance.

Special soft high resistant sealing material makes this valve's reliability and life expectancy extremely high. Parker 20XXG Relief Valve series has not to be considered as Safety device.



Applications:

Relief valve are being used in Coffee Machines and Hot Beverage Dispense equipment to limit and control overpressure of Water and Steam in Coffee Machines and Hot Drinks Dispensing equipment.

These devices release water, under pressure, allowing it to be piped away safely and preventing pressure peaks that can damage the circuit.

Precision, resolution and repeatability are key elements for this function.

A threaded inlet 1/8" and outlet 8.0 mm for silicon pipes are compatible with the most coffee machines designs in the market, making this product interchangeable with existing standards.



ENGINEERING YOUR SUCCESS.

Benefits:

Parker 20XXG Professional Relief Valve Series benefits are:

- **Improved foodstuffs compatibility:**
This is a hygienic solution, made of Stainless Steel and FDA approved sealings,
- Easy to adjust, precise setting variation,
- Easy to install, minimum size,
- Adjusting screw protected by end-user,
- Highest repeatability of cracking pressure,
- Minimized leakage preventing waste of media.

Technical Data:

Compatible Media: Water, Superheated Water, Steam.

Inlet: 1/8" G.

Outlet: 8.0 mm barb fitting.

Seal: FKM FDA.

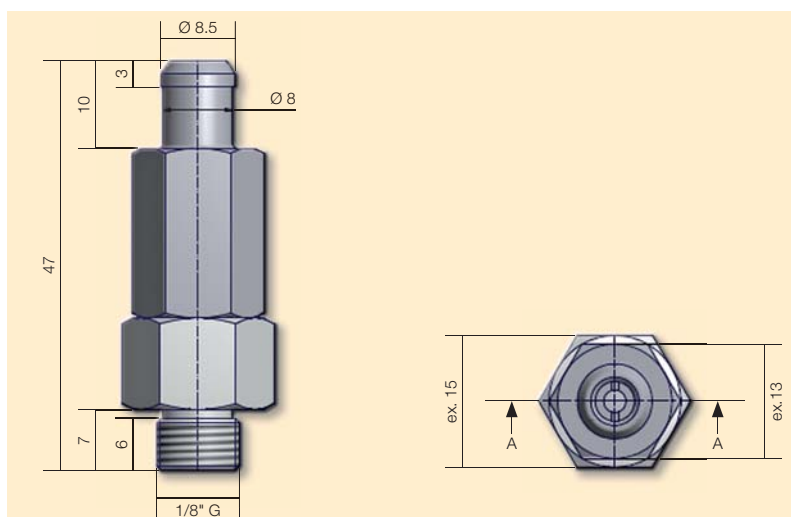
Body and internal parts: Stainless Steel.

Pressure range: 1-15 bar depending on the model. Manufacturing calibration setting marked on the body.

Orifice: 5.0mm.

Tolerance: +/-5% of cracking pressure marked on the body.

Dimensional References:



Inlet Port Size BSP	Outlet Port Size Barb Fitting Ø mm	Orifice Ø mm	Operating Pressure (Cracking Pressure) bar	Fluid Temperature Min °C	Fluid Temperature Max °C	Seat Seal	Parker Valves Ordering Reference
1/8"	8.0	5.0	1.0	-10	140	FKM	20XXG0010
1/8"	8.0	5.0	2.0	-10	140	FKM	20XXG0020
1/8"	8.0	5.0	3.0	-10	140	FKM	20XXG0030
1/8"	8.0	5.0	4.0	-10	140	FKM	20XXG0040
1/8"	8.0	5.0	5.0	-10	140	FKM	20XXG0050
1/8"	8.0	5.0	6.0	-10	140	FKM	20XXG0060
1/8"	8.0	5.0	7.0	-10	140	FKM	20XXG0070
1/8"	8.0	5.0	8.0	-10	140	FKM	20XXG0080
1/8"	8.0	5.0	9.0	-10	140	FKM	20XXG0090
1/8"	8.0	5.0	10.0	-10	140	FKM	20XXG0100
1/8"	8.0	5.0	11.0	-10	140	FKM	20XXG0110
1/8"	8.0	5.0	12.0	-10	140	FKM	20XXG0120
1/8"	8.0	5.0	13.0	-10	140	FKM	20XXG0130
1/8"	8.0	5.0	14.0	-10	140	FKM	20XXG0140
1/8"	8.0	5.0	15.0	-10	140	FKM	20XXG0150

FDA approved FKM is standard for all the references hereabove listed.

Note: Manufacturing set up is performed with clean air media at 20-25°C ambient condition. Change of physical parameters on the equipment might require further calibration by the installer.

How to Order:

Please refer table to determine Ordering Reference in accordance with your operating pressure. The Ordering ref. has to be considered complete, tested and pre-set at the selected pressure rate. For settings out of standard (i.e. 3,4 bar) please consult Parker specialists.



EMEA Product Information Centre

Free phone: 00 800 27 27 5374

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US Product Information Centre

Toll-free number: 1-800-27 27 537

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