

Data Sheet

NEX-1PRA301



Safety Relief Valve 1/2" x 3/4" F



Materials

Body	Forged Brass
Connection	1/2" x 3/4" F

Specifications

Type	Auto discharge
Colour	Brass
Operation	Diaphragm & seal
Max Temp	110'c
Min Temp	0'c
Operating Pressure	3 - 12 bar

Dimensions

Height	69.8
Diameter	42
Weight	141 grms
Bulk quantity	100

Intended Use

Safety relief valves, also known as a pressure relief valve, are suitable for installations in many boiler brands and anywhere closed loop pressure relief is required. The pressure relief valve helps to control pressure in a closed system by proportionally opening to relieve excess pressure, preventing catastrophic malfunction.



Requirement:
1. Apply vacuum silicone grease to all soft seals;
2. When the valve rod rotates, the handle is stable without jamming;
3. During the test, 2.05bar is closed and 3.1bar is on.

NO	Name	Old number	Material	Qty	Weight	Specification	Remarks
12	Signage(3bar)	EVP-PA1212FF/3-06(G)	ABS	1	0.2g	Ø 16x2 (3bar)	White
11	Nut	609-1/2-13	HP657-3	2	0.7g/FR	M4x0.5W	Natural color
10	Gasket	609-1/2-07	Q235	1	0.8g	Ø 12xø4.5x1	Iron with nickel plated
9	Handwheel	EVP-PA1212FF/3-04	ABS	1	7g	Ø 30.5x30	Red
8	Adjustment copper cap	609-1/2-09	HP657-3	1	9g	M10x1.5x10	Natural color
7	Spring	609-1/2-06 (3)	SS304	1	4g	Ø 14.3xø1.5x20	Zinc plated
6	Plastic cap	609-1/2-02	PA66	1	5g	M20x1.5x20	Reinforced nylon
5	Red paper pad	610-1/2-02	Paper Express	1	0.3g	Ø 26.5xø22x1	Red
4	Screw	609-1/2-05	HP657-3	1	5g	M4x 6xø9.5	Natural color
3	White plastic sleeve	609-1/2-03	PCW	1	1.5g	Ø 20x ø 4.2x12	White
2	Gasket	609-1/2-04	NBR	1	2g	Ø 26.5x ø 17.5x16.5	70 Shore
1	Body	607-15320F-01-(3)	HP657-3	1	91g	1/2" x 3/4"	Sand throwing



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