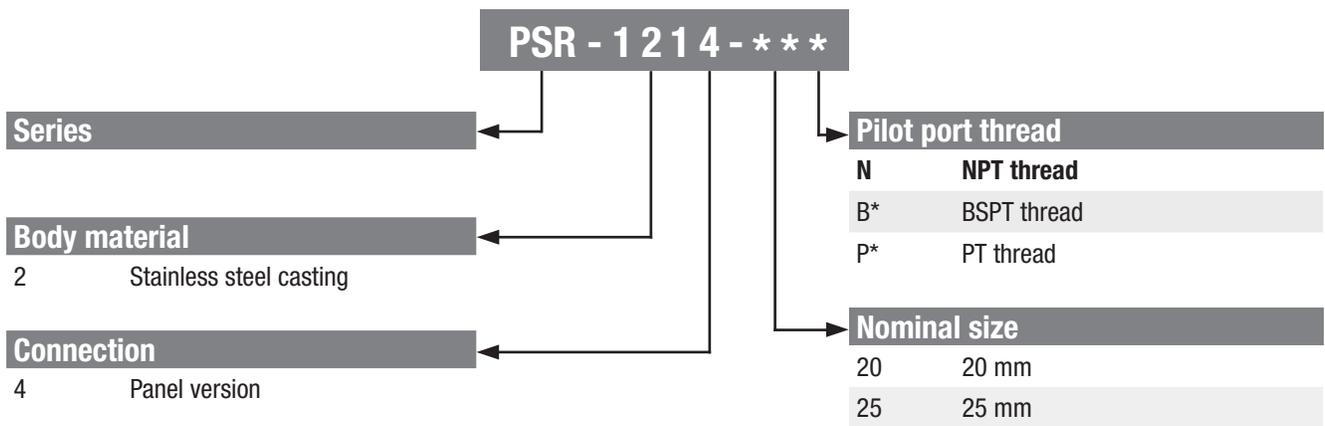


These valves are designed to control the flow of steam, nitrogen and air. They guarantee highly accurate process control. The output pressure can be varied by means of remote setting (pressure reduction of the pilot control air).

Operating pressure	max. 188 psi
Back pressure	max. 84 psi
Pilot pressure	2,9 -1 4,5 psi
Pressure class	300
Temperature range	max. + 401°F
Medium	Steam, Nitrogen, Air
Body material	Stainless steel casting
Stem and seat material	Stainless steel
Packing material	Graphite-reinforced Teflon®
Seal type	Graphite-reinforced Teflon®

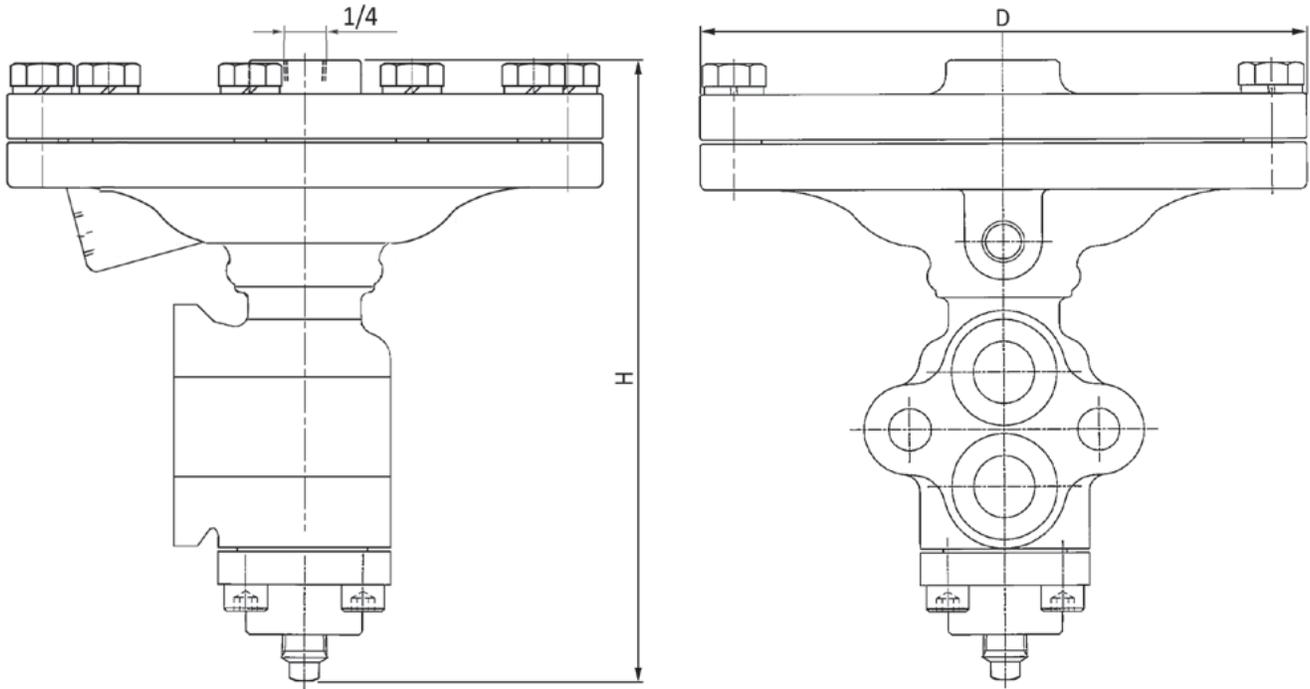


Order Code

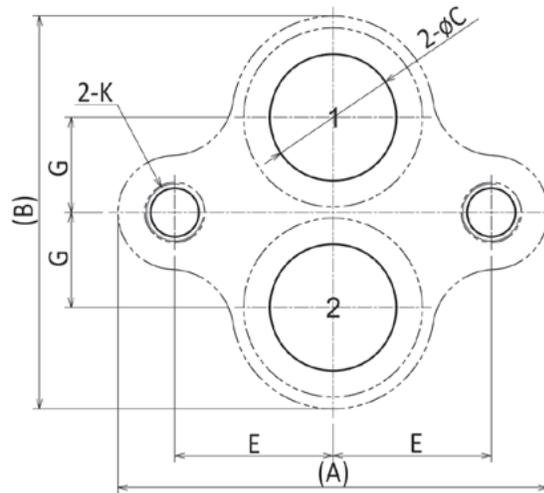


* Available on Request. Not a stock item.

Dimensions (mm)



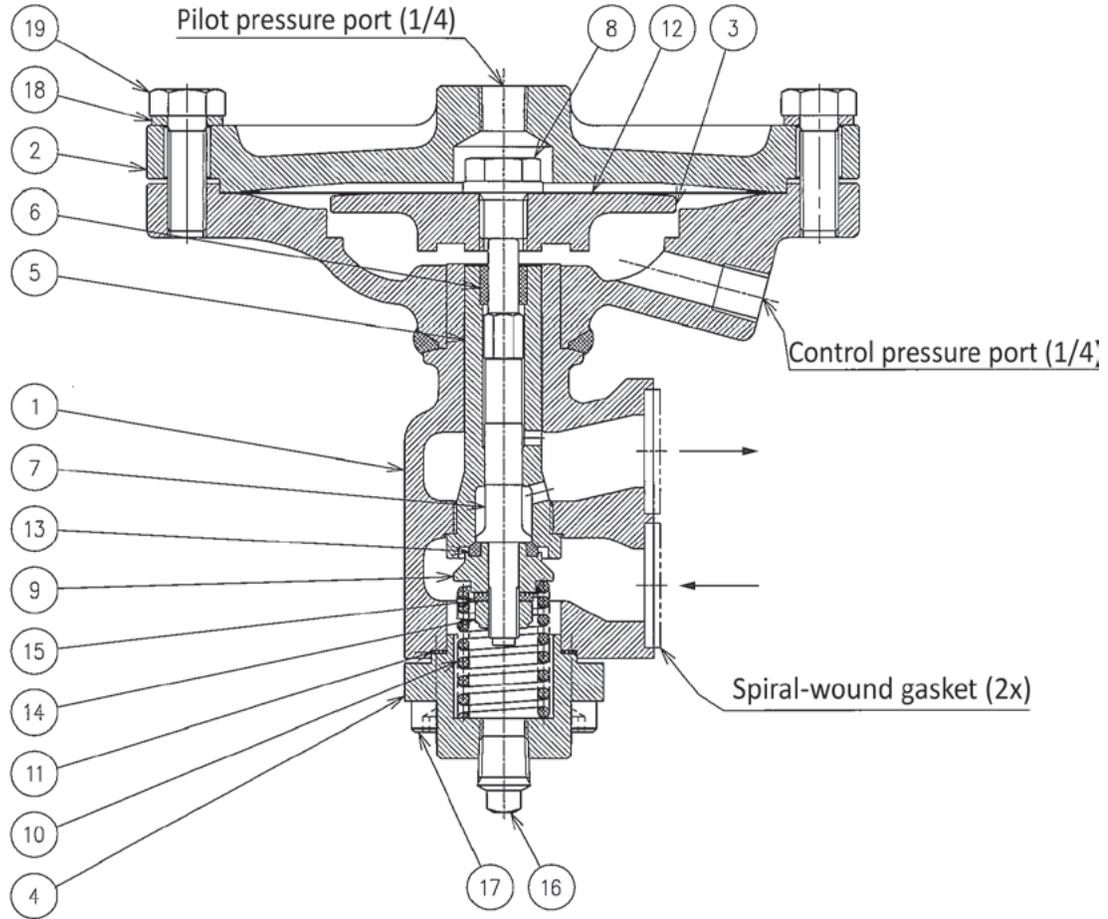
Foot print dimension



Model No.	DN	A	B	C	D	E	G	K	H	Weight (lbs)
PSR-1214-20*	20	86	73	19	186	29	17.5	M12	190	16.8
PSR-1214-25*	25	92	84	23	228	32	20	M12	219	26.0

*Pilot port thread NPT. Valves with BSPT (Rc) according to ISO 7-1 DIN EN 10226/1 or PT thread are available on request. (The dimensions are identical to the standard BSPT version.) Refer to order code on page 58.

Spare parts



No.	Name	Valve	PSR-1214-20*	PSR-1214-25*
1	Body		PR-21120-01	PR-21125-01
2	Cover		R-21120-02*	R-21125-02*
3	Diaphragm plate		R-21120-03	R-21125-03
4	Bottom cover		PR-21120-04	PR-21125-04
5	Center seat		R-21120-05	R-21125-05
6	Guide bushing		R-21120-06	R-21125-06
7	Center rod		R-21120-07	R-21125-07
8	Screw		R-21120-08	R-21125-08
9	Disc adapter		R-21120-09	R-21125-09
10	Disc spring		R-21120-10	R-21125-10
11	Dichtung / Gasket		R-21120-11	R-21125-11
12	Diaphragm (2)		R-21120-12	R-21125-12
13	Disc ring		R-21120-13	R-21125-13
14	U-Nut		R-21120-14	R-21125-14
15	Spring washer		R-21120-15	R-21125-15
16	Plug		R-21120-16	R-21125-16
17	Socket cap screw (4)		C-21120-16	C-21125-16
18	Spring washer (10)		R-21120-19	R-21125-19
19	Hex head screw (10)		R-21120-20	R-21125-20

* please complete: N = NPT thread, P = PT thread, B = BSPT thread

Spiral woung gasket series PP

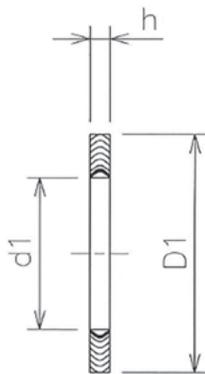
This gasket is made of spiral wound metal band 1.4541 with a filing material between the metal bands. The filling material is graphite. Spiral-wound gaskets are used mainly in high-pressure environments and in critical operating conditions.



Technical data

Operating pressure	max. 2320 psi
Temperature range	- 328°F to + 1022°F

Dimensions (mm)



Model No.	DN	d1	D1	h
PP-15	15	15	25	3.2
PP-20	20	20	33	3.2
PP-25	25	25	39	3.2
PP-32	32	32	49	3.2
PP-40	40	40	57	3.2

Ratio between pilot pressure and output pressure

