

SANITARY PRESSURE REDUCING VALVE P-130

DESCRIPTION

The ADCA P-130 series **direct acting, spring-loaded diaphragm sensing**, pressure reducing valves, are designed for use on clean steam, compressed air, water and other gases or liquids compatible with the materials of construction .

MAIN FEATURES

Compact design.
Body machined from barstock materials, no wetted parts made from forgings or castings.

STANDARD SURFACE FINISH

Internal parts: 0,5 microns Ra

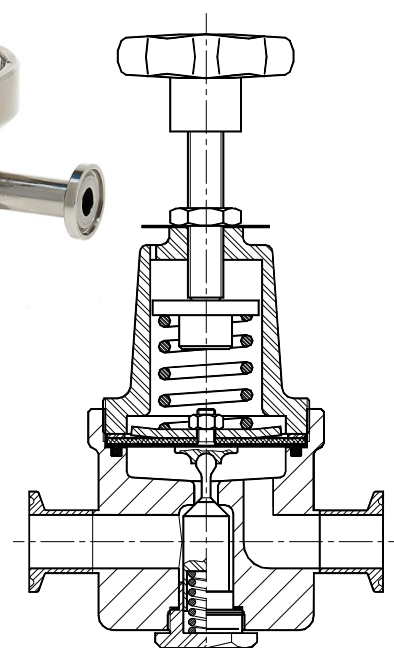
External :

Body – Fine machined

(polished or electro polished as option)

Cover - satin bead blast finish – 1,6 microns Ra

(Fine machined as option)



OPTIONS: Different soft valves for water and gases.
Regulating screw with top cap.

USE: Clean steam, compressed air, water and other gases and liquids compatible with the construction.

AVAILABLE MODELS: P-130

SIZES: DN1/2" and 3/4" ; DN15 and DN20

OUTLET SPRING RANGES: 0,2 – 1,5 bar; 0,3 – 3 bar; 0,8 – 8 bar.

CONNECTIONS: Tri-clamp compatible or others on request

INSTALLATION: Horizontal installation.

ORDER REQUIREMENTS : Type of fluid
Maximum operating temperature
Inlet pressure and required outlet pressure
Capacity (maximum and minimum).

LIMITING CONDITIONS	
Valve model	P-130
Body design conditions	PN 16
Max.upstream pressure	16 bar
Max.downstream pressure	8 bar
Min.downstream pressure	0,2 bar
Max.design temperature *	150 °C
Max.recommended reducing ratio	40:1
*Other on request.	
CE MARKING (PED - European Directive 97/23/EC)	
PN 16	Category
DN1/2" and 3/4"	SEP - art. 3, paragraph3

DIMENSIONS (mm)

SIZE DN	A	B	C	D	WGT. Kgs
1/2"-15	130	42	180	80	2,6
3/4"-20	130	42	180	80	2,6

* Different lenghts on request.

Consult factory for certified dimensions

Dimensions subject to change without notice

CAPACITIES

Valve Size	1/2"-15	3/4"-20
KVs (m3/h)	3	3,5

Connection examples

Clamp	Round thread	Flange

MATERIALS

POS.	DESIGNATION	MATERIAL
1	Valve body	AISI316 / 1.4401 ; CF8M 1.4408
2	Cover	AISI316 / 1.4401
3	Seat cover	AISI316L / 1.4404
4	* O-ring	Viton
5	* Valve head	AISI316L / 1.4404 ; Viton ,PTFE
6	*O-RING	Viton
7	* Valve spring	AISI316 / 1.4401
9	Pusher disc	NBR
10	* Lower diaphragm	PTFE
11	* Upper diaphragm	EPDM
12	Washer	AISI304 / 1.4301
13	Spring plate	AISI304 / 1.4301
14	NUT	St.steel A2-70
15	* Adjustment spring	AISI302 / 1.4300
16	Spring plte	AISI304 / 1.4301
17	Adjustment screw	AISI304 / 1.4301
18	Locknut	St.steel A2-70
19	Handwheel	Plastic
20	Spring ident. plate	Aluminium

* Available spare parts.

Remarks: All valves have a serial number. In case of non-standard valves this number must be supplied if spare parts are ordered.

