



AIR PREPARATION SYSTEM P3Z SERIES

Modular SAE Flanges



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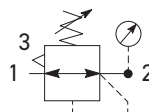
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REGULATORS GENERAL INFORMATION

Symbol



Self relieving regulator with gauge



- Flanged 1-1/2" or 2" ports (BSPP)
- Robust die-cast aluminium construction
- Secondary pressure ranges 8 & 16 bar
- Rolling diaphragm for extended life
- Secondary aspiration plus rolling diaphragm provides quick response and accurate pressure regulation
- A small permanent air consumption is required for good regulation accuracy

Options:

P 3 Z R A				B			N	
SAE Mtg - No thread	0	None	0	Relieving	B	N	0 - 8 bar No Gauge	N
							0 - 16 bar No Gauge	H
						P	External air pilot	P

Port size	Description	Order Code	Flow dm ³ /s *	Max bar	Min temp °C	Max temp °C	Height mm	Width mm	Depth mm	Weight kg
-	8 bar relieving	P3ZRA00BNNN	>666	17.5	0	60	230	180	132	3.5
-	16 bar relieving	P3ZRA00BNHN	>666	17.5	0	60	230	180	132	3.5
-	Air Pilot	P3ZRA00BPPN	>666	17.5	0	60	182	180	132	3.4

* flow with 10 bar inlet 6,3 bar set pressure and 1 bar pressure drop.

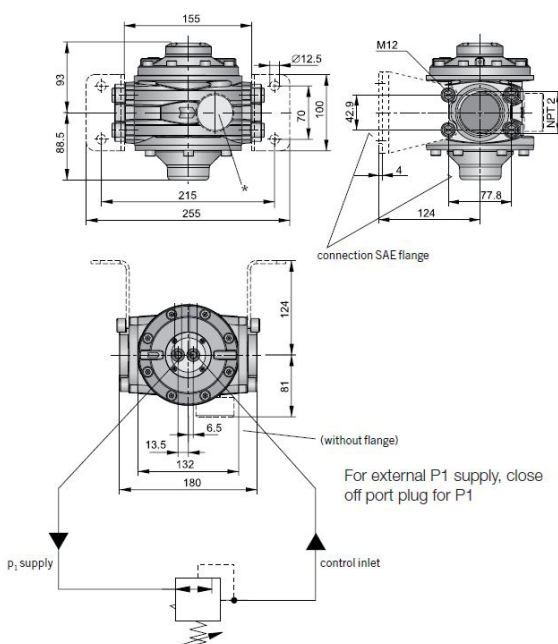
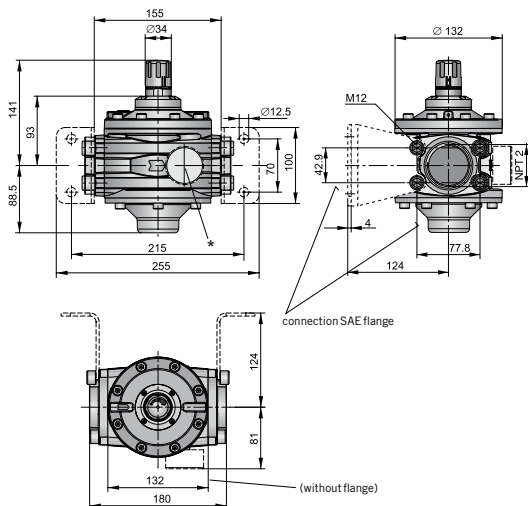
Technical Information

Fluid:	Compressed air
Maximum inlet pressure*:	17.5 bar
Temperature range*:	0°C to +60°C
Typical flow with 10 bar inlet pressure, 8 bar set pressure and 1 bar pressure drop:	2" size >666 dm ³ /s
Gauge port (x 2):	1/4"

* Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Dimensions (mm)

Pressure regulating valve, pilot operated with integrated pilot pressure regulating valve

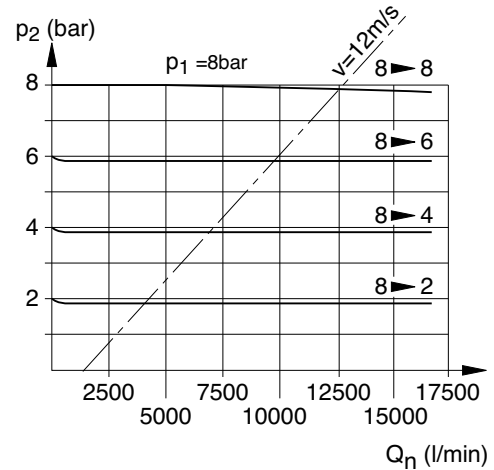


Material Specification

Body:	Aluminium
Bonnet:	Glass filled polyamide
Control Knob:	Glass filled polyamide
Valve: Brass / NBR	
Seals:	Nitrile NBR
Screws:	Steel / zinc plated

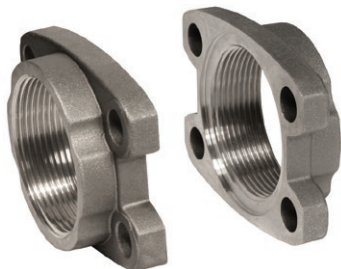
Flow characteristics

Pressure regulating valve characteristics - (2") Pilot operated



ACCESSORIES

Connection Flange Kits



- To change port sizes connection flange kits are available, they are attached to any unit utilising the connecting kit.
- Allows assemblies to be removed from a hard piped system.

Options:

P 3 Z K A			C P
BSP (G)	1	1 1/2"	B
		2"	C

Material specification:

Body:	Aluminium
Weight (kg):	0.6

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PDE2641TCUK 05/2024

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