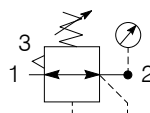


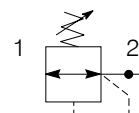
Regulator



Symbols



Self relieving regulator
with gauge



Non relieving regulator

- Integral 3/4 or 1" ports (BSPP & NPT)
- Robust but lightweight aluminium construction
- Secondary pressure ranges 12 & 16 bar
- Rolling diaphragm for extended life
- Secondary aspiration plus rolling diaphragm provides quick response and accurate pressure regulation.
- Optional tamperproof regulator padlock
- Relieving & Non-relieving types

Options:

P 3 Y R A									N
BSPP (G)	1	3/4	6	Relieving	B	Standard	N	0 - 12 bar No Gauge	E
NPT	9	1"	8	Non-relieving	N	Lockable type	A	0 -16 bar No Gauge	H
								0 - 12 bar Gauge	F
								0 -16 bar Gauge	J

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
3/4	12 bar relieving	P3YRA16BNEN	155	17.5	-10	60	182	90	94	1.08
3/4	12 bar relieving + pressure gauge	P3YRA16BNFN	155	17.5	-10	60	182	90	94	1.13
1"	12 bar relieving	P3YRA18BNEN	321	17.5	-10	60	182	90	94	1.08
1"	12 bar relieving + pressure gauge	P3YRA18BNFN	321	17.5	-10	60	182	90	94	1.19
3/4	12 bar relieving, lockable	P3YRA16BAEN	155	17.5	-10	60	182	90	94	1.08
3/4	12 bar relieving lockable, + pressure gauge	P3YRA16BAFN	155	17.5	-10	60	182	90	94	1.13
1"	12 bar relieving, lockable	P3YRA18BAEN	321	17.5	-10	60	182	90	94	1.08
1"	12 bar relieving, lockable + pressure gauge	P3YRA18BAFN	321	17.5	-10	60	182	90	94	1.19

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

Lockable regulators will require key lock kit (opposite page).



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Technical Information

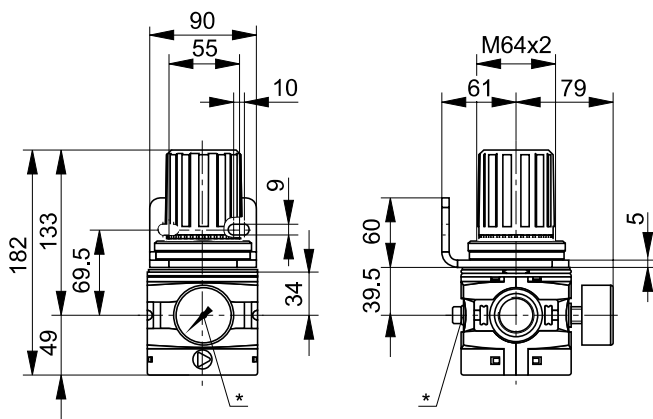
Fluid:	Compressed air
Maximum inlet pressure*:	17.5 bar
Temperature range*:	-10°C to +60°C
Typical flow with 10 bar inlet pressure, 6.3 bar set pressure and 1 bar pressure drop:	1" size 321 dm ³ /s
Gauge port (x 2):	1/4"

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

Material Specification

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

Dimensions (mm)



* 1/4" gauge port

Service kits

Description	Order code
Angle bracket + metal lock ring	P3YKA00MS
Panel mounting nut	P3YKA00MM
Key lock	P3XKA00AS
Diaphragm kit (relieving type)	P3YKA00RR
Diaphragm kit (non-relieving type)	P3YKA00RN

Key Lock Kit

This facilitates the tamperproofing of the lockable Regulators and Filter-Regulator units on request.

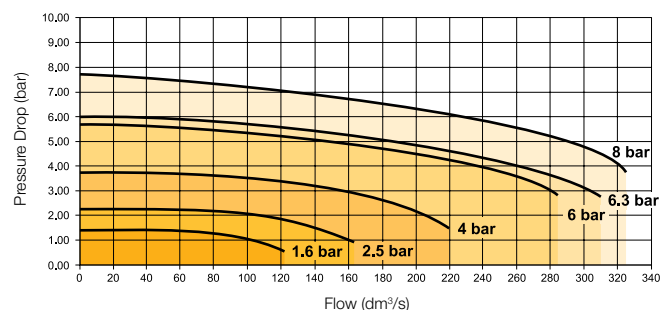


Order code

P3XKA00AS

Flow characteristics

Regulation characteristics: (3/4")



Regulation characteristics: (1")

