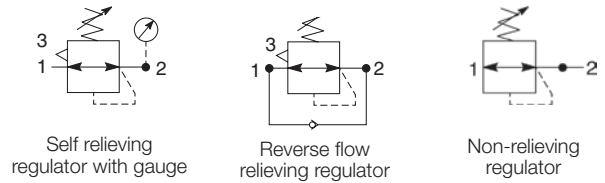


Regulator



Symbols



- Integral 3/4" or 1" ports (BSPP and NPT)
- Robust but lightweight aluminium construction
- Secondary pressure ranges 12 and 16 bar
- Rolling diaphragm for extended life
- Secondary aspiration plus rolling diaphragm provides quick response and accurate pressure regulation
- Optional tamperproof regulator padlock
- Reverse flow / relieving option
- Low temperature -40°C (-40°F)

Options

P3YRA		9	6	B	N	E	N
Basic series	Regulator	Thread type*	Port size	Relief	Lockable	Adjustment range	
	P3YRA	BSPP 1	3/4 6	B Relieving	N Standard	E 0 - 12 bar, no gauge	
		NPT 9	1 8	R Reverse flow / relieving	A† Lockable	H 0 - 16 bar, no gauge	
						F 0 - 12 bar, gauge	
						J 0 - 16 bar, gauge	

Notes:
* For 1-1/2" ported unit, please order P3YKA*BCP port block kit separately.
† Not field convertible.
Bold items are most common.

Ordering information

Port size	Description	Flow† dm ³ /s (scfm)	Max. bar (psig)	Min temp °C (°F)	Max temp °C (°F)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Weight kg (lb)	Part number†
3/4"	12 bar relieving	155 (328)	17.5 (254)	-40 (-40)	60 (140)	182 (7.2)	90 (3.5)	94 (3.7)	1.08 (2.4)	P3YRA96BNEN
3/4"	12 bar relieving + pressure gauge	155 (328)	17.5 (254)	-10 (14)	60 (140)	182 (7.2)	90 (3.5)	94 (3.7)	1.13 (2.5)	P3YRA96BNFN
1"	12 bar relieving	321 (680)	17.5 (254)	-40 (-40)	60 (140)	182 (7.2)	90 (3.5)	94 (3.7)	1.08 (2.4)	P3YRA98BNEN
1"	12 bar relieving + pressure gauge	321 (680)	17.5 (254)	-10 (14)	60 (140)	182 (7.2)	90 (3.5)	94 (3.7)	1.19 (2.6)	P3YRA98BNFN

† **Standard part numbers shown in bold. For other models refer to Options chart above.**
‡ Flow with 6.3 bar (91.4 psig) inlet pressure and 0.5 (7.3 psig) pressure drop.

Specifications

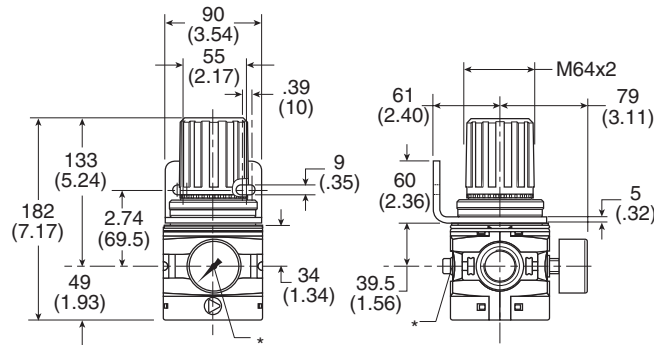
Fluid	Compressed air
Maximum inlet pressure*	17.5 bar (254 psig)
Temperature range*	-40°C to 60°C (-40°F to 140°F)
Typical flow with 10 bar (145 psig) inlet pressure and 6.3 bar (91 psig) set pressure and 1 bar (14.5 psig) pressure drop	1" size 321 dm ³ /s (680 scfm)
Gauge port (x 2)	1/4"

* Air supply must be dry enough to avoid ice formation at temperatures below 2°C (35.6°F).

Material specifications

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 (inches)



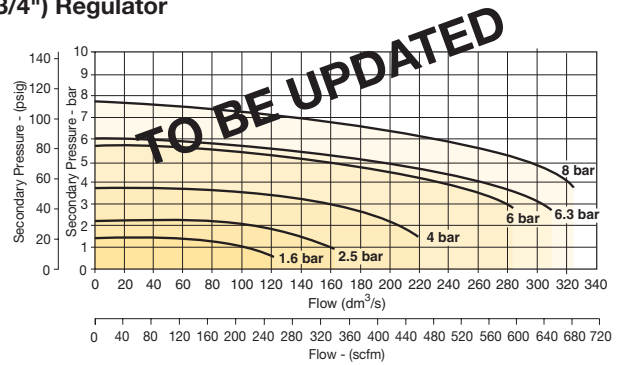
* 1/4" gauge port

Service kits

Description	Part number
Angle bracket + metal lock ring	P3YKA00MS
Panel mounting nut	P3YKA00MM
Diaphragm kit (relieving type)	P3YKA00RR
Diaphragm kit (non-relieving type)	P3YKA00RN
Gauge 0 to 10 bar (0 to 160 psig)	K4520N14160
1/4" port 0 to 20 bar (0 to 300 psig)	K4520N14300

Flow characteristics

(3/4") Regulator



(1") Regulator

