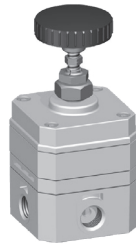


Air treatment units - BK5 Series

Connections: 1/4" - 3/8" - 1/2"

BK5 SERIES



Precision regulators

Body in die-cast aluminium / technopolymers

High flow rate

TECHNICAL CHARACTERISTICS

Functions	Pressure regulator - Pressure regulator filter						
Adjustment	Manual						
Materials	Painted die-cast zinc alloy body - Adjustment knob in technopolymer NBR gaskets (Only for: BK51 PR 14P X: Body and knob in technopolymers - NBR gaskets)						
Note on materials	Compliant with REACH (1907/2006/EC and subsequent amendments)						
Connections	Size 1: 1/4" Gas / NPT Size 3: 3/8" Gas - 1/2" Gas						
Threads	Cylindrical gases (BSPP) - NPT						
Operating temperature	0°C + +60°C (-10°C with dry air, to avoid ice formation)						
Group			Precision regulator	Precision regulator - high relieving	Precision regulator in technopolymers	Precision regulator with high flow rate	Precision regulator filter
Coding	Size	Connection	BK51 R 14P X ...	BK51 R 14PP	BK51 PR 14P X	BK53 R ... P X	BK51 FR 14P X ...
Air flow rate	1	1/4" Gas	900 NI/min	1250 NI/min	400 NI/min	-	750 NI/min
Pressure	1	1/4" NPT	900 NI/min	-	-	-	750 NI/min
supply: 6 bar	3	3/8" Gas	-	-	-	6000 NI/min	-
(ΔP 1 bar)	3	1/2" Gas	-	-	-	6500 NI/min	-
Filter element			-	-	-	-	0.1µm, 2µm, 10µm
Adjustment range			0.05 ÷ 2 bar 0.05 ÷ 4 bar 0.05 ÷ 7 bar (standard) 0.05 ÷ 10 bar	0.05 ÷ 8 bar	0.1 ÷ 4 bar 0.1 ÷ 8 bar (standard)	0.05 ÷ 3 bar 0.05 ÷ 5 bar 0.05 ÷ 7 bar (standard) 0.05 ÷ 10 bar	0.05 ÷ 2 bar 0.05 ÷ 4 bar 0.05 ÷ 7 bar (standard) 0.05 ÷ 10 bar
Maximum inlet pressure	16 bar						
Fluid	Compressed air						

MATERIALS - AIR TREATMENT UNITS BK5 SERIES

POS	DESCRIPTION	MATERIALS	POS	DESCRIPTION	MATERIALS
①	Body	Painted die-cast zinc alloy	④	Regulator knob	Black technopolymer
②	Body	Technopolymer	⑤	Adjustment screw	Galvanised steel / Brass
③	Screws	Galvanised steel	⑥	Nuts	Galvanised steel / Brass

