

Blowing Block SmartBlow FCT-CV

Seitz PET Blowing Block SmartBlow FCT-CV is designed for most economic and fast bottle production.



Blowing Block SmartBlow FCT-CV

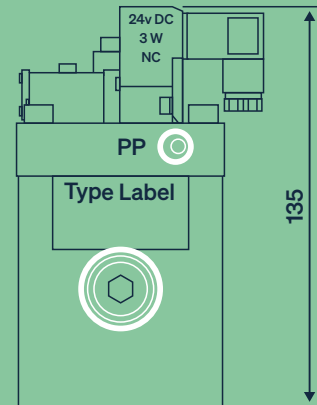
Technical data

Function	P1: 2/2-way NC with integrated check valve P2: 2/2-way NC REC: 2/2-way NC, with integrated check valve EXH: 2/2-way NO P1 flow control with digital indicator for accurate setting
Operating pressure	4 ... 40 bar
Pilot pressure	7.0 bar +0/-0.5 bar
Orifice diameter	Pre-blow P1: Ø 12.0 mm Finish-blow P2: Ø 16.0 mm Recuperation REC: Ø 16.0 mm Exhaust EXH: Ø 22.0 mm
Port sizes	Pilot air supply PP: G 1/8" female, optional Ø 5.0 mm Pre-blow P1: Ø 12.0 mm Finish-blow P2: Ø 16.0 mm Recuperation REC: Ø 16.0 mm Exhaust EXH: G 1 - 1/4" Cavity (Out): Ø 22.0 mm
Material	Block body: Aluminium coated Pistons: Plastic, FDA compliant Grease: FDA compliant
Mounting	Any position
Media	Compressed air according to ISO 8573-1 – Particles: Class 2 – Pressure dew point: Class 4 – Oil content: Class 2
Media temperature	+5°C ... +40°C
Ambient temperature	+10°C ... +50°C
Pilot valves	24V DC, 3.0 W, IP65 Without manual override Female connectors included

Performance data

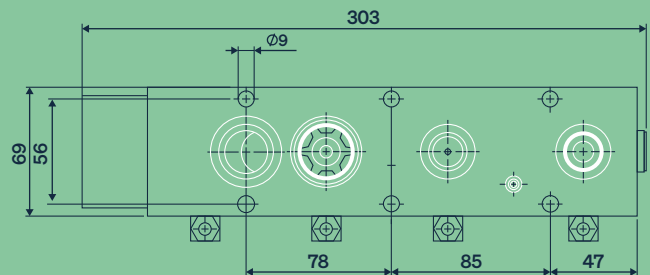
Bottle size in liter	0.5	1.5	2.0	2.5	5.0
Pilot pressure PP in bar	6.5	6.5	6.5	6.5	6.5
Pre-blow supply pressure P1 in bar	10	10	10	10	10
Finish-blow supply pressure P2 in bar	36	36	36	36	36
Time in ms from P1 signal to pressure 1 bar (10% of P1)	29	36	39	41	62
Time in ms from P1 signal to pressure 9 bar (90% of P1)	67	135	167	196	422
Time in ms from P2 signal to pressure 12.6 bar (10% of P2)	20	24	26	27	38
Time in ms from P2 signal to pressure 33.4 bar (90% of P2)	40	78	97	114	259
Time in ms from REC signal to pressure 34.5 bar (90% of REC 36 to 21 bar)	18	19	20	21	24
Time in ms from REC signal to pressure 22.5 bar (10% of REC 36 to 21 bar)	35	51	58	64	117
Time in ms from EXH signal to pressure 18.9 bar (90% of EXH 21 to 0 bar)	35	37	38	39	46
Time in ms from EXH signal to pressure 2.1 bar (10% of EXH 21 to 0 bar)	65	117	141	163	318

Above data vary depending on piping, stability of air supply and silencer performance.



Order information

Part no.	Denomination	Gross-Weight
269.479.00	SmartBlow FCT-CV	5.4 kg/pc (net weight 4.6 kg/pc)



For detailed dimensional drawing or 3-D model, please contact us.

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Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specification given in this document.

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