

KR Actuators on PICCV, a Perfect Solution.

> We set standards.

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When Space is Limited.

Belimo offers a compact motorized valve solution for HVAC applications such as unit ventilators, fan coil units, chilled ceilings or beams and room or zone solutions. The Pressure Independent Characterized Control Valve (PICCV) with a KR actuator offers an economical solution for smaller spaces without compromising functionality or efficiency.

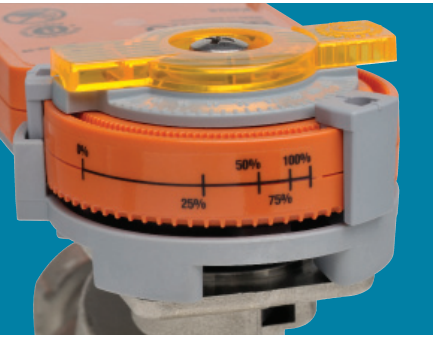
Ultra-Flat Compact Actuator

The multi-patented, rugged KR actuator offers 18 in-lbs (2 Nm) and is designed for motorizing open-close applications to ensure optimal valve design and absolutely reproducible control quality. The actuator features a simple, manually adjustable angle of rotation limiting device with a flow rate scale. Available on PICCV, this new actuator offers a compact solution where space is limited.

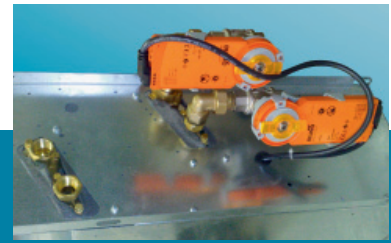
The PICCV has characterized control ball valve technology which provides an equal-percentage characteristic curve, better control and is self-cleaning eliminating blockage offering longer life and superior flow control than other short stroke solutions. The pressure independent valve directly controls water flow required by the coil and is not affected by pressure fluctuations in the system. By precisely controlling the flow, the pressure independent valve eliminates the need for a balancing valve, thus reducing the installation and balancing cost. The largest benefit for the owner is energy savings by eliminating overflow through the coil. KR actuators with the PICCV offer a compact simple field adjustable solution.

BELIMO[®]

KR on PICCV Small and Rugged – Perfect for a Wide Range of Applications.




Unit Ventilation Devices:
Easy installation when space is limited.



Fan Coils:
Minimal space requirement and simple flow reduction.

- Tabs allow for quick unlocking and secure locking of flow limiting mechanism.
- Fine tooth gear wheel flow limiting mechanism enables quick commissioning and adjustment.
- Simple flow scale provides quick and accurate adjustments.
- Visual position indicator enables quick confirmation of flow.

Product Range/Technical Data		Flow Rate		Valve Nominal Size		Close-Off	List Price	
Non-Spring Return Actuator: KRB24-3		PICCV Model #	GPM	Liter / Sec	Inches	DN [mm]	PSI	
		P2050B010	1	0.06	½	15	200	\$380.00
		P2050B025	2.5	0.16	½	15	200	\$380.00
		P2050B055	5.5	0.35	½	15	200	\$380.00
		P2075B100	10	0.63	¾	20	200	\$400.00
Control Type	Floating Point							
Running Time	75 seconds (varies with flow setting)							
Noise Level	<35 dB(A)							
Electrical Connection	3 ft. cable, (no conduit)							

Features:

- Quick commissioning and adjustment
- Compact design
- Fast run time (75 seconds)
- Manual override
- Manual adjustable flow setter
- IP54 protection
- 176°F (80°C) media temperature



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