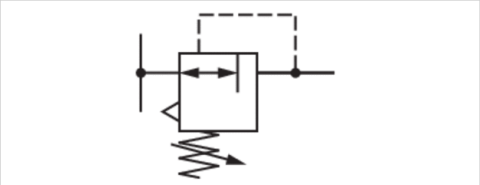
Fine setting valve

- Qn = 900 l/min
- Actuating element Pedal
- Internal thread
- Poppet valve



Type	Poppet valve
Working pressure min./max.	0.1 ... 10 bar
Adjustment range min./max.	See table below
Ambient temperature min./max.	-25 ... 70 °C
Medium temperature min./max.	-25 ... 70 °C
Medium	Compressed air
Nominal flow Qn	900 l/min
Hysteresis	0.15 bar
Weight	1.5 kg

Technical data

Part No.	Compressed air connection Input	Compressed air connection type Input	Compressed air connection Output
3610647100	G 1/4	Internal thread	G 1/4
3610647400	G 1/4	Internal thread	G 1/4
3610647500	G 1/4	Internal thread	G 1/4
3610647600	G 1/4	Internal thread	G 1/4

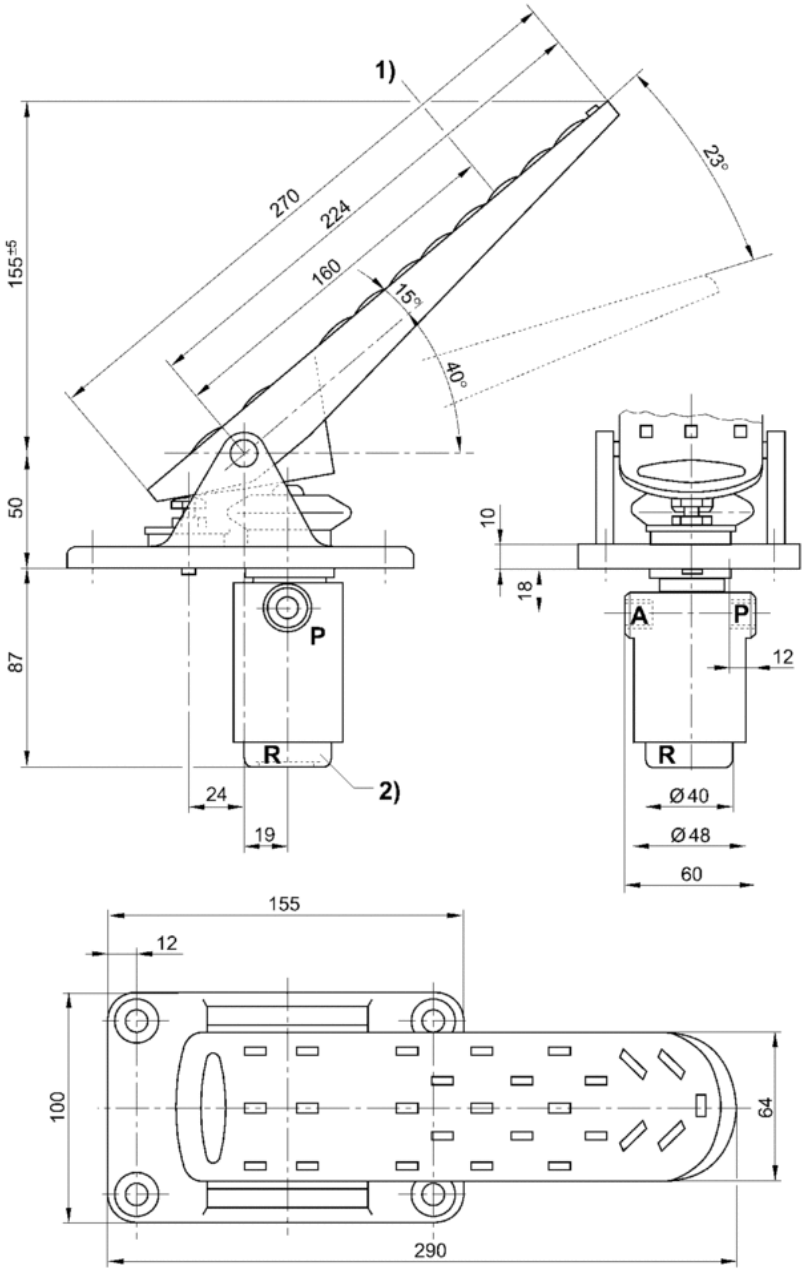
Part No.	Adjustment range min./max.	actuating force min.
3610647100	0.1 ... 2.6 bar	67 N
3610647400	0.1 ... 4.6 bar	77 N
3610647500	0.1 ... 5.1 bar	80 N
3610647600	0.1 ... 7.1 bar	90 N

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

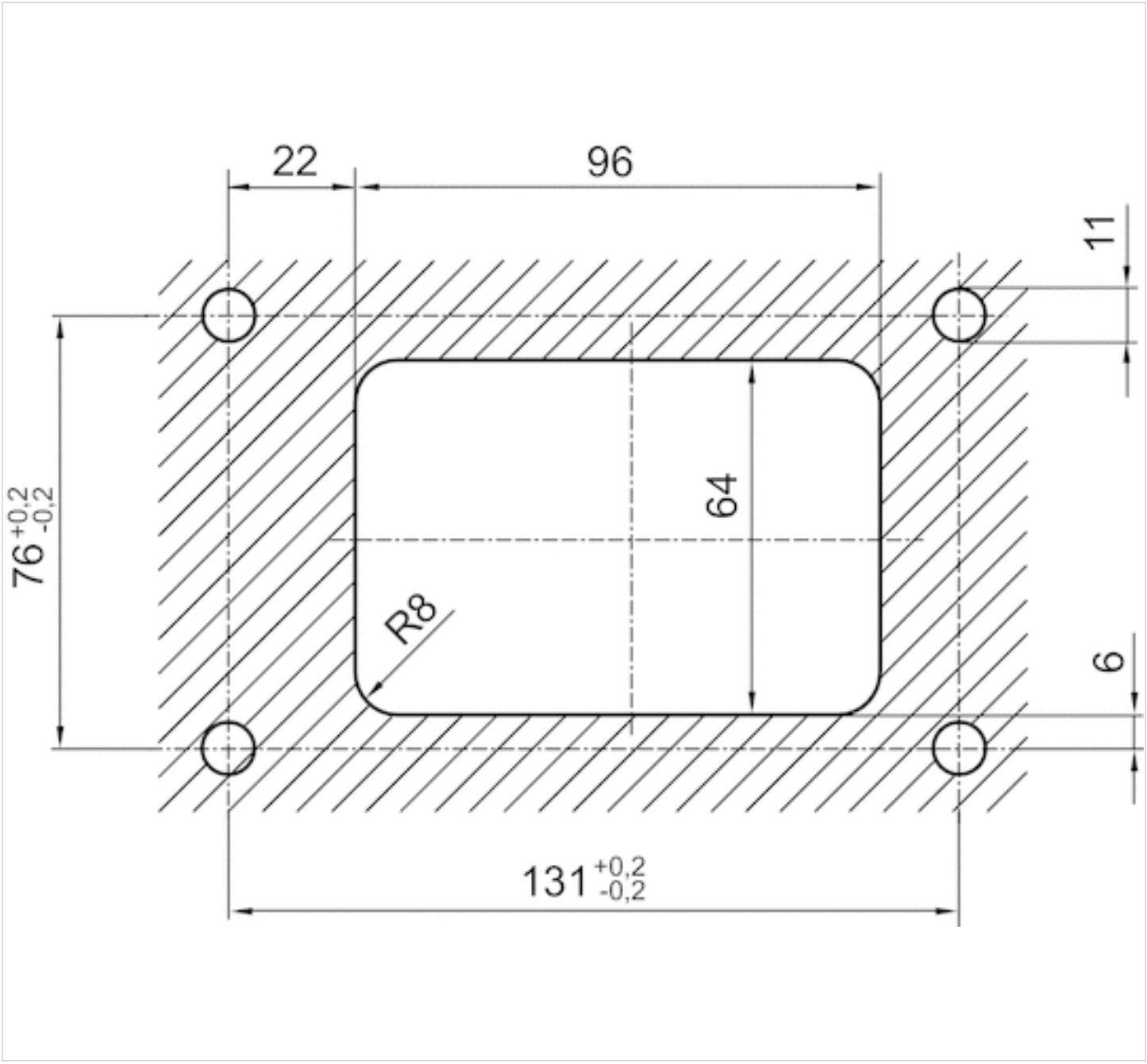
Dimensions

Dimensions



1) actuating force on the pedal
2) Screw cap
A = connection output
P = connection input
R = Port exhaust

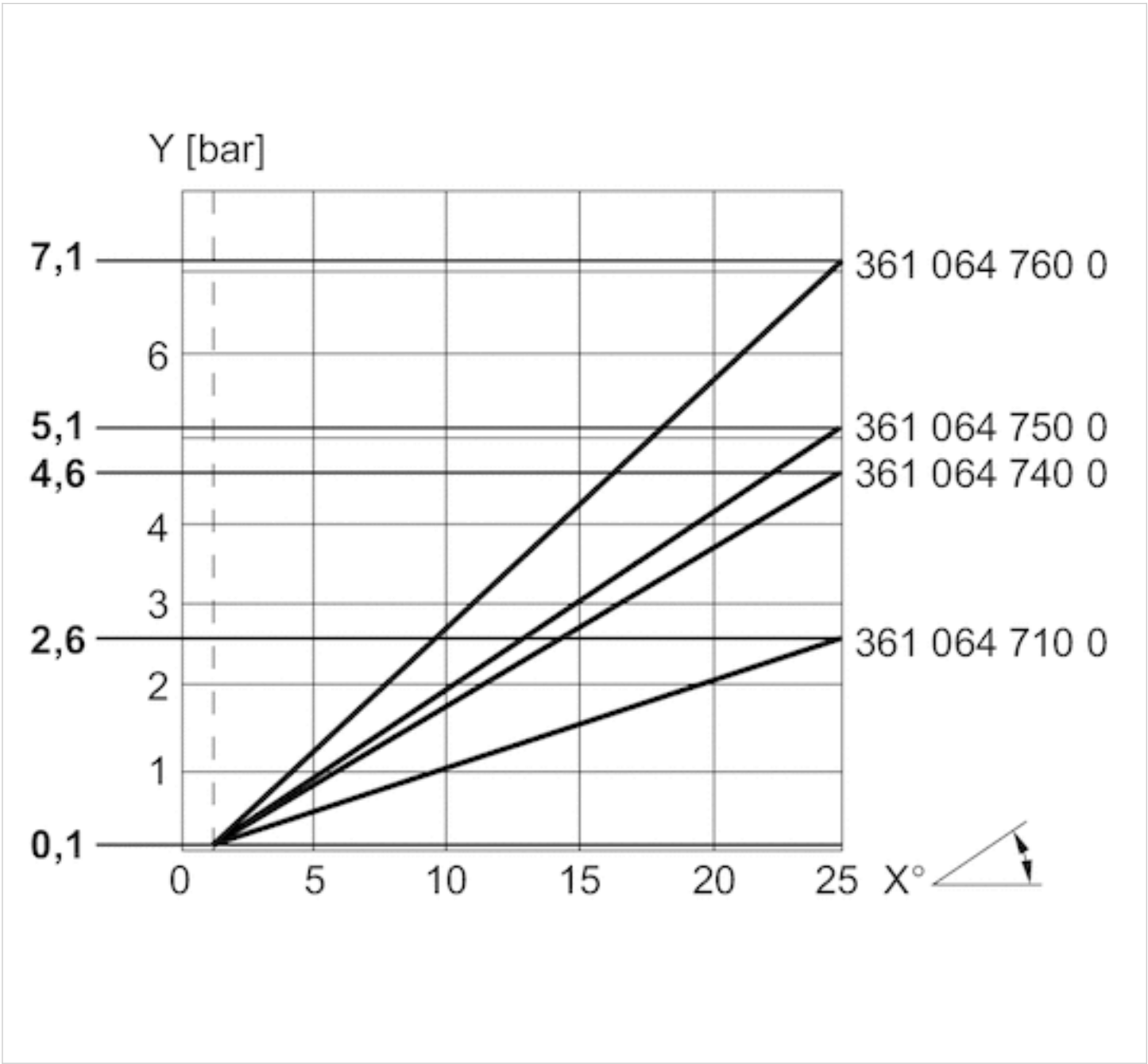
Cut-out in the mounting plate



Mounting plate max. 7 mm thick

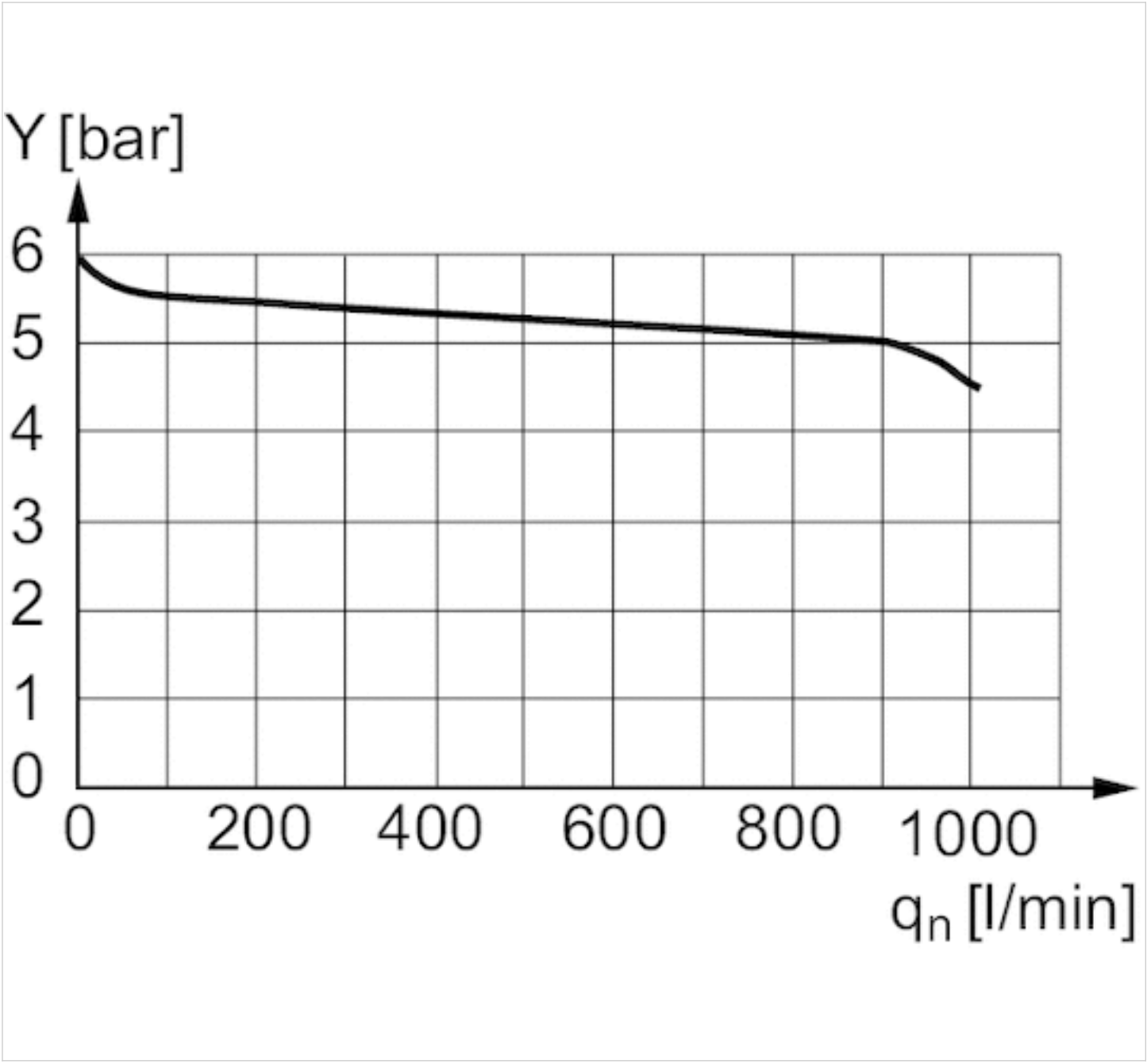
Diagrams

Pressure characteristics curve



x = pedal path
The characteristic curve can be moved parallel to the illustrated characteristic curve (in the y direction) using the screw cap.

Flow rate characteristic



y: pressure in operating line "A" [bar]

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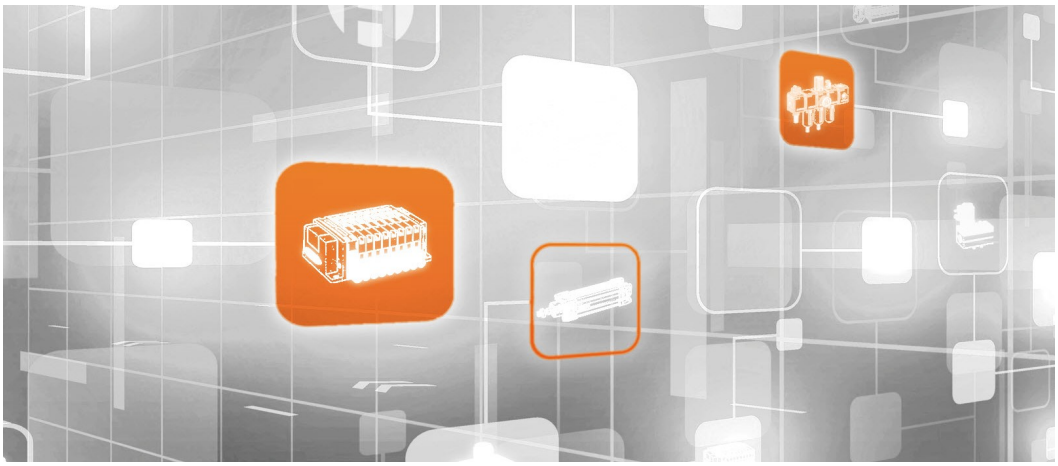

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