



UGP100107

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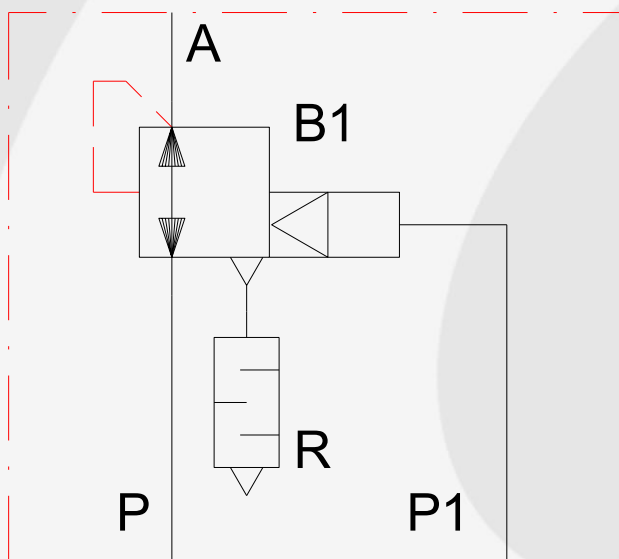
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Volume booster G2

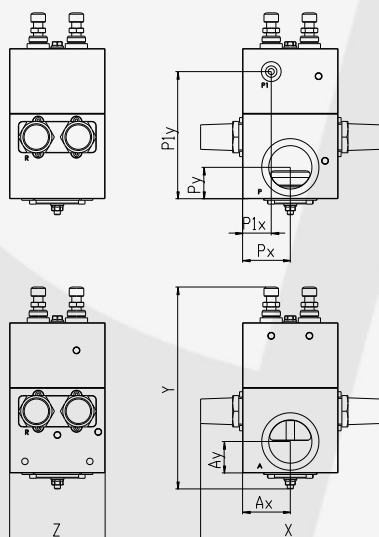
Image



Symbol



Drawing



Technical features

- Suitable for double (DA) and single acting (SA) actuator.
- Function is to help accelerate actuation speed considerably.
- Mounting options are in pipe or directly to the UniteQ UGP manifold.
- Linearity within $\pm 1\%$ / Hysteresis within 1% Pressure ratio 1:1
- SIL2 certified according to IEC 61508
- IP66
- Operation pressure 0...10 bar (0...145psi)
- Operation temperature -25°C -13°F / $+70^{\circ}\text{C}$ $+158^{\circ}\text{F}$
- Supplied medium air, filtered non-lubricated and dry
- ATEX (Exd or Exe) implementation suitable

Technical data

Sizes & selection

Port size			Max flow ltr/min	CV (kg)		Model
P	A	P1				
G2	G2	G3/8		31	7.5	UGP100107

Configuration

Function Boost (B1)

Connections

Port (P) main supply connection
Port (A) supply to actuating
Port (P1) external supply pilot
Port (R) release

Order codes:

UGP100107

Sizes

Dimensions

P	A	P1	X	Y	Z
G2	G2	G3/8	235	264	105
Ay	Ax	Py	P1y	Px	P1x
41	62.5	41	166	37.5	62.5

Support connection manifold

2 times holes M10, depth 20mm

Material

Housing Aluminium anodize
Internal parts Stainless steel, Brass, POM
Seals NBR / PUR