

1.2 Pneumatic-hydraulic power converter

Technical description:

Piston diameter	100 mm
Function	Double-acting
Compressive force of working stroke at 6 bar	40,000 N
Stroke lengths	Working stroke: 12 mm; adjustment stroke: 188 mm
Temperature range	-20°C to +80°C
Medium	Filtered compressed air, oil-bearing, or not oil-bearing
Operating pressure	7 bar to 11 bar

Functional description:

The pneumatic power converter first performs an adjustment stroke at low power and high velocity. At the end of the adjustment stroke, the working stroke starts at high power.

Applications:

Presses, punching and stamping machines with long adjustment strokes.

