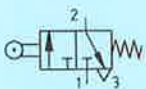


## Limit valve

with ball actuator

### Type SVK-3-PK-3



#### Accessory:

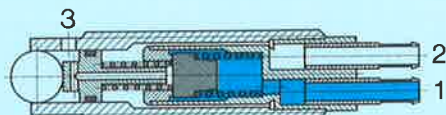
Mounting block Type SDA-12 x 1-B

These valves are used as limit switches and end stops to produce a position-dependent signal.

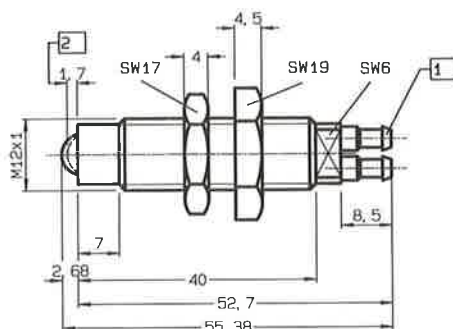
They are particularly suitable for end-position sensing and position monitoring where a high degree of accuracy is required.

The valve has a movable stem with a seal, which is actuated by the ball.

The permissible impact load (when the valve is used as a fixed stop) must not be exceeded.



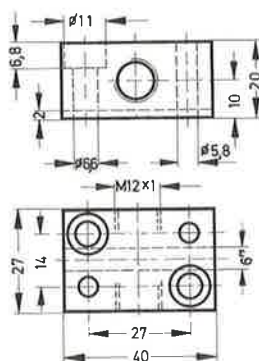
Type SVK-3-PK-3



- ① Barbed fittings for 3 mm plastic tubing
- ② Switching point (open at start)

- 1 (P) = Supply
- 2 (A) = Working or outlet line
- 3 (R) = Exhaust

Type SDA-12 x 1-B



#### Permissible impact force

Type	Threaded into SDA and secured by locknut ( $v = < 10 \text{ mm/s}$ )	Through-hole with 2 securing nuts ( $v = < 10 \text{ mm/s}$ )
SVK-3-PK-3	4500 N (450 kp)	2000 N (200 kp)

Order code	Valve	12 146 SVK-3-PK-3
Part No./Type	Mounting block	11 541 SDA-12 x 1-B
Medium		Compressed air (filtered, lubricated or unlubricated)
Design		Poppet valve, non-overlapping
Mounting		M 12 x 1 with securing nuts
Installation dia.		12.5 mm
Connection		Barbed fittings for 3 mm tubing
Nominal size		1.5 mm
Standard nominal flow rate (1 → 2)		50 l/min
Pressure range		– 0.9 to + 8 bar
End position accuracy		± 0.03 mm
Actuating force at 6 bar		20 N (2.0 kp)
Temperature range		– 10 to + 80 °C*
Materials		Stainless steel; seals: perbunan
Weight	Valve	0.110 kg
	Mounting block	0.180 kg

\* Depending on the tubing used

Subject to change