AIR POPPET VALVES
FOR PART EJECTION

FEATURES

- Filtered model available to prevent debris from entering valve.
- Eliminate ejection problems with deep molded parts that commonly create gas traps or vacuum conditions.
- Precision ground valve seat eliminates the possibility of flash entering the valve during injection.
- Valve opens automatically when air pressure is applied.
- Max. working pressure: 87 P.S.I. (6 BARS).
- Min. working pressure: 21 P.S.I. (1.5 BARS).
- Made from AISI 420 stainless, 50-55 Rc.
- Tested to one million cycles.
- 7 diameters available.

VALVE DIMENSIONS

FILTERED MODEL

STANDARD MODEL

HOLE DIMENSIONS & INSTALLATION

DIMENSIONS & TOLERANCES

TYPICAL APPLICATION

STANDARD MODEL

FILTERED MODEL

TYPICAL APPLICATION

PART NUMBER | BODY DIAMETER A | ØE | PRICE
---|---|---|---
VA05 | 5.0 | 0.1969 | 0.1575 | $53.00
VA06 | 6.0 | 0.2362 | 0.1575 | $53.00
VA08 | 8.0 | 0.3150 | 0.1575 | $53.00
VA10 | 10.0 | 0.3937 | 0.3150 | $53.00
VA12 | 12.0 | 0.4724 | 0.3937 | $58.00
VA16 | 16.0 | 0.6299 | 0.4724 | $62.00
VA20 | 20.0 | 0.7874 | 0.6299 | $69.00

PART NUMBER | BODY DIAMETER A | ØE | PRICE
---|---|---|---
FV16 | 16.0 | 0.6299 | 0.5512 | $82.00
FV20 | 20.0 | 0.7874 | 0.7087 | $88.00

DRILL a hole per the specifications listed. Insert has an undersized portion to allow partial entry into the drilled hole. Use a bronze block against the insert face and drive down into position. To remove, drive out from the rear.

HOLE DIMENSIONS & INSTALLATION

TYPICAL APPLICATION