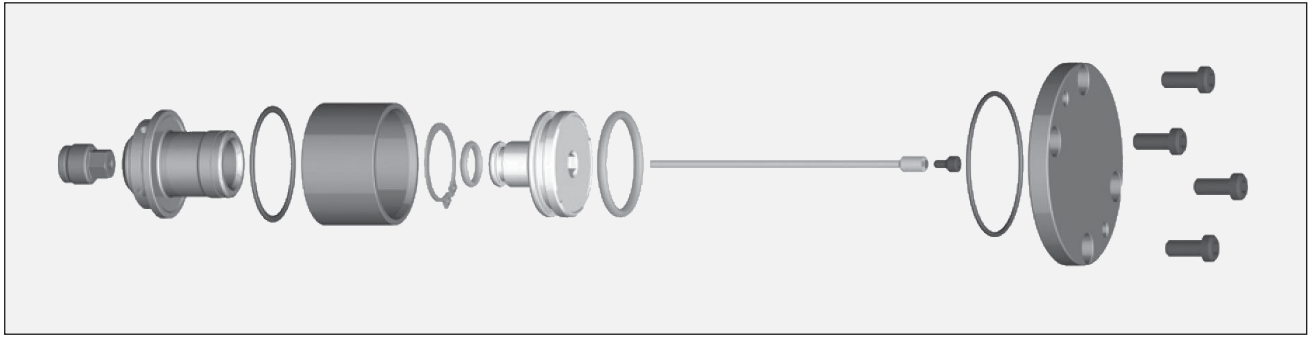


MVG Valve Gate



Overview and Applications

The MVG (Manifold Valve Gate) system is ideal for all applications which require high speed, sequential filling or highly cosmetic gates. Due to its multiple gating options and lack of material traps it will operate with the most demanding materials. The MVG is designed for easy installation due to simple mounting in the backplate with integral airways.

Features

Mould Design

- Ability for close nozzle spacing. Minimal pitching is 75mm (can be modified to fit 58mm pitching)
- Backplates can be as thin as 55mm
- Easy machining of the pockets
- Pneumatic circuit is integrated with the backplate

Operation

- MVG is available for MX series and BX series nozzles
- Reduced moulding pressure
- Increased moulding window
- Lower mould filling stress results in better part quality
- Reduced gate cooling requirements

Installation and Maintenance

- Easy machining and installation
- Easy pin adjustment and seal replacement while the mould remains assembled

	Availability						
	13 Series		16 Series		19 Series		27 Series
	MX	BX	MX	BX	MX	BX	BX
L	45				—		—
	55				—		—
	65				—		—
	75				—		—
	95				—		—
	115				—		—
	145				—		—
A/F	24	31	26	34	36	45	175
d2	28	34	30	39	40	50	
L4	12				15		20

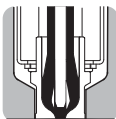
Gating Options

Valve Gate Torpedo Tip

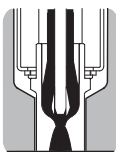
Open Nut



Bush Nut

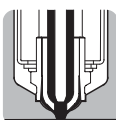


Sprue Nut

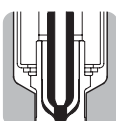


Valve Gate Open tip

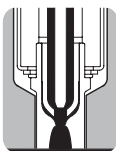
Open Nut



Bush Nut



Sprue Nut

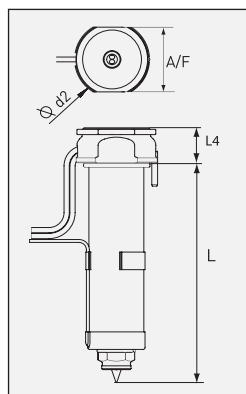


Valve Gate Assembly

	13 Series*	16 Series	19 Series	27 Series
	MX / BX	MX / BX	MX / BX	MX / BX
Model	MVG40-2.0 x 250	MVG40-2.5 x 250	MVG40-3.0 x 250	MVG40-5.0 x 250
Actuation Type	Pneumatic			
Pin Size	2.0	2.5	3.0	5.0
Stroke	10			

*13 Series available in open nut and open tip only

All measurements are in millimeters



Hot Half Section

