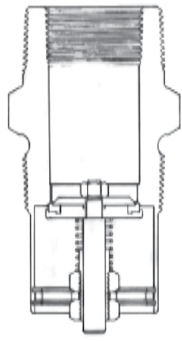


BACK CHECK VALVES



FISHER

Back Check Valves

Back check valves allow flow in only one direction and are normally closed. They are installed in liquid filling connections on stationary storage tanks, bobtail delivery trucks and liquid transfer lines.

G100 Series

Type G100 - The G100 is used mainly in tank inlet connections, are offered in two styles of seat construction: metal-to-metal or soft seat. The soft seated construction is for the filling connection on bobtail delivery trucks.

Type G109 - The G109 was designed for in-line service at bulk plants with FNPT connections for easy installations.

G200 Series

Type G200 - The G200 back check valves are specifically intended for heavy-duty in-line service at the bulk plant's transfer area. The valves are suitable for LP-Gas or NH3 service.

Flow moves the spring loaded poppet to the open position as soon as pressure differential is created. When flow stops, the poppet closes. A soft seat construction gives tight shutoff so that piping can be blown down for maintenance.

With a body design to reduce flow resistance, flow capacity is high. The 2" body size gives 250 GPM LP-Gas at 10 psig differential pressure.

The G200 Series is built to stay on the job with all internal parts of plated steel or stainless steel.

Type G201 - The G201 has a built-in flow indicator mechanism, which can be used to replace sight flow indicators.



G109



G100

Specifications

G200 & G201

Pressure Rating: 400 psig WOG

Body: Ductile iron

Internal Parts: Plated steel or stainless steel

Seat Disc: Synthetic rubber



G105



G201

Bergquist

Back Check Valves

Seat Construction	Container or Inlet Connection	Outlet Connection	Propane Flow Capacity At 10 psig Differential Pressure	Type Number			
				Brass	Steel	Ductile Iron	
						Standard	Flow Indicator
Metal-to-Metal	3/4" MNPT	3/4" FNPT	21 GPM	G100	---	---	---
	1 1/4" MNPT	1 1/4" FNPT	55 GPM	G101	---	---	---
	2" MNPT	2" FNPT	150 GPM	G102	G112	---	---
	2" FNPT	2" FNPT	150 GPM	G109	---	---	---
	3" MNPT	3" FNPT	250 GPM	---	G104	---	---
Soft Seat	1 1/4" FNPT	1 1/4" FNPT	190 GPM	---	---	G200-10	G201-10
	2" FNPT	2" FNPT	350 GPM	---	---	G200-16	G201-16
	2" MNPT	2" MNPT & 1 1/4" FNPT	137.5 GPM	---	G105	---	---
	3" FNPT	3" FNPT	800 GPM	---	---	G200-24	G201-24
	3" FNPT	2" MNPT	254 GPM	---	G106	---	---
	3" MNPT	3" MNPT & 2" MNPT	254 GPM	---	G107	---	---