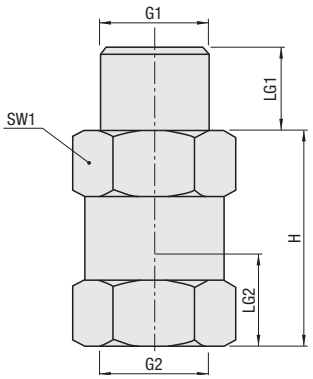
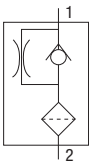
FALL PREVENTION VALVE

M—SVK





G1	G2	L	LG1	LG2	SW1	Part Number Type	Part Number No.	Unit Price 1~10 pcs
M5—M	M5—F	16	4.5	4.5	8	M—SVK	M5	Quotation
G1/8—M	G1/8—F	26.0	8.0	8.5	14		1	
G1/4—M	G1/4—F	26.0	10.0	11.0	17		2	

Order — Part Number: M—SVK—1

Days to Ship — Quotation

Price — Quotation

■ Guide

Fall Prevention Valve (Check Valve)
The built-in ball blocks the flow path of the suction cup and prevents air leakage from suction cup which is not in contact with the workpiece. It is suitable to use when there are multiple suction cups in the same circuits. It is also suitable usage with rapid workpiece release.
Generally, many fall prevention valves (check valves) have built-in springs, which required a certain amount of suction to close the circuit. Since this product has no spring, only a small amount of suction is required to close the circuit. A small vacuum generator can be used to generate the required suction force.

• For suction of workpiece with no vacuum

When a suction cup is pressed against a workpiece, the valve ball will be in the open position, allowing the necessary vacuum to flow.

• When air leaks or when a workpiece fall during transferring process

If the workpiece does not stick to the suction cup or it falls from the cup during transferring process, air flow pushes the ball against the bearing surface. As a result, the vacuum is blocked, thus maintaining the vacuum in the system (however, it is not completely blocked).

• During vacuum breaks

The ball is pushed out from the bearing surface, which causes a relatively large cross section to open. This allows a large flow rate to pass, resulting in the workpiece being released promptly & reliably.

■ Features

Prevent workpiece from falling and maintain vacuum in the system even if anyone of the suction cup is not working.