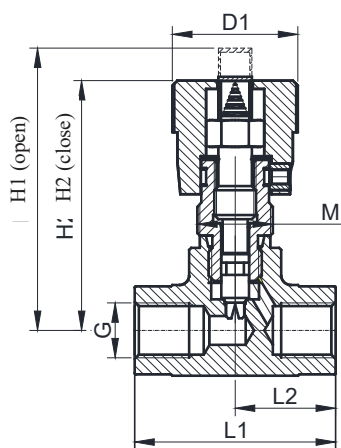
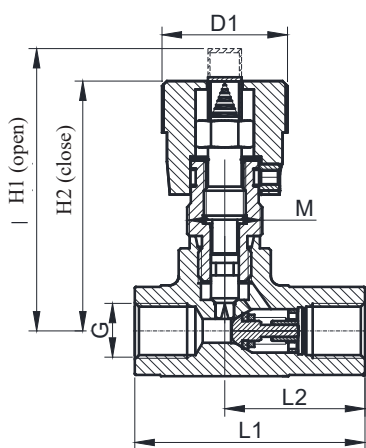


# DVG THROTTLE VALVE/THROTTLE CHECK VALVE (350 BAR)

## Hydraulic Throttle Valve



Functional Diagram **DVG Throttle Valve**



Functional Diagram **DVG-R Throttle Check Valve**



### Uses and Features

**DVG throttle valve:** It can be used for the fine adjustment of liquid and gas flows and realize flow control and shutoff; there is a scale and the opening can be locked. Bulkhead nuts may be added as required to realize panel installation.

**DVG-R throttle check valve:** There is a check valve; the flow in the forward direction may be controlled and shut off by adjusting the opening, while it has no throttling effects in the reverse direction since it is fully opened.

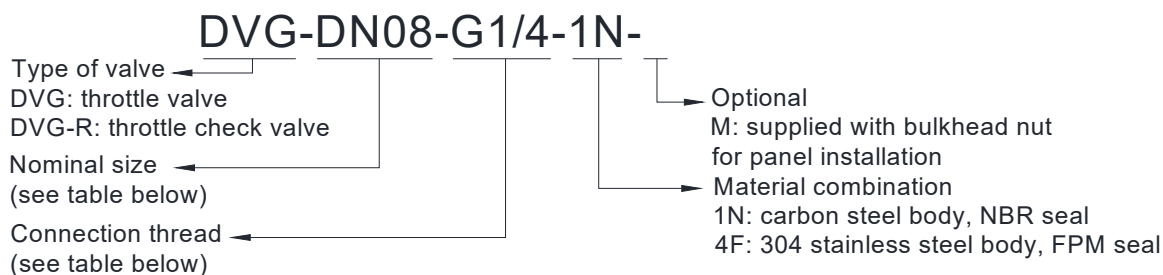
### Technical Data

- Testing medium: hydraulic fluid, viscosity = 42~74 mm<sup>2</sup>/s (40°C); testing temperature: 50°C
- Working temperature: -35°C~+ 100°C for carbon steel valves with NBR; -25°C~+180°C for stainless steel valves with FPM
- Check valve cracking pressure: 0.5 bar
- Connection: G female thread (ISO228-1)
- Body material: carbon steel or 304 stainless steel
- Core material: hardened stainless steel

### How to Use

The opening can be adjusted by turning the cylindrical handle and at the same time the pole on the top of the handle will rise or fall along with the opening conditions. There is a mark on the pole, reflecting the number of revolutions of the stem. With the lock screw on the handle, the valve can be locked at a certain opening.

### Ordering Information



**Table of Technical Data [mm]**

Nominal Size DN	G	H1	H2	D1	M	DVG		DVG-R		Oil Flow Adjustment Range L/min	Nominal Pressure [bar]
						L1	L2	L1	L2		
8	G1/4	68	61	29	M18*1.5	48	24	57.5	33.5	1~30	350
10	G3/8	71	64	29	M18*1.5	58	29	70.0	41.0	2~50	350
12	G1/2	88	79	38	M24*1.5	68	34	78.0	44.0	2~70	350
16	G3/4	94	85	38	M27*2.0	78	39	89.0	50.0	2~120	315
20	G1	122	108	49	M38*1.5	108	54	113.0	59.0	3~180	315