

Directly controlled pressure limiting and sequence valves type MV, SV etc.

Pressure valves influence the pressure within a hydraulic system.

The types below are intended for the following purposes:

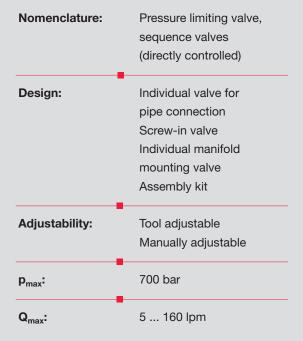
Pressure limiting valve (safety valve):
Safeguarding the system against excessive pressure or for the limitation of working pressure.

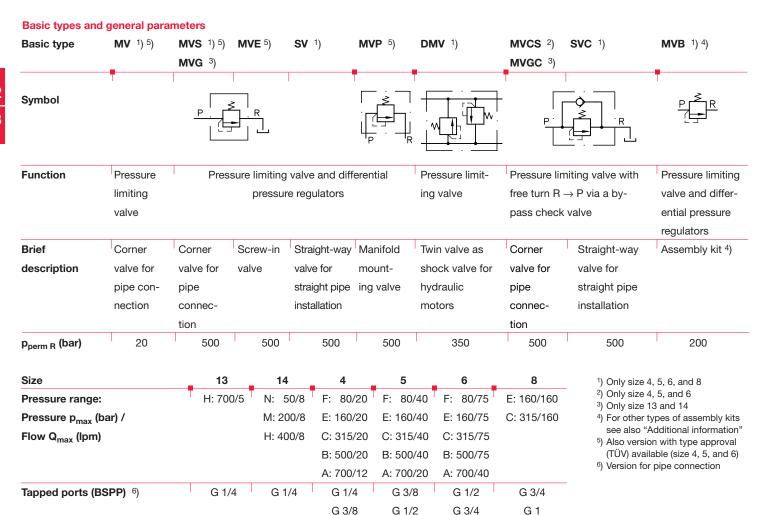
• Sequence valves:

Generates a constant pressure difference between inlet and outlet of the flow.



Directly controlled valves feature a dampening device to ensure quiet operation, but they are also available without it if necessary for an application. There are also pressure limiting valve versions available with unit approval (TÜV) and CE-stamping – type MV X.





Additional versions

- Multiple pressure limiting valves (2, 3, 4, 5 valves in parallel)
- Twin pressure limiting valves with suction valve
- Pressure limiting valves with type approval (TÜV)
- Actuation option of the piloting valve with ball head actuation e.g. for cam, lever or other curve controlled systems (only type MVG13(14) and MVP13(14))
- Adjustment via self-locking turn knob or turn knob with lock

Order examples

MVS 52 BR

Pressure limiting valve and sequence valve as corner valve for pipe connection, size 5, tapped ports G 3/8 (BSPP) (coding 2),

pressure range up to 500 bar (coding B), pressure manually adjustable (coding R)

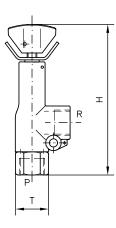
MVP 13 HR

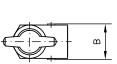
Manifold mounting valve, size 13, pressure range H (20 ... 700 bar)

Dimensions (examples)

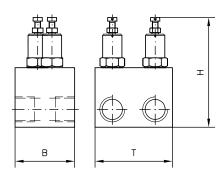
Type MV, MVS

(see order example)





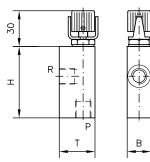
Type DMV



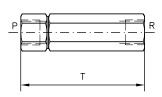
All dimensions in mm, subject to change without notice!

D 7710 MV

Type MVG



Type SV, SVC





Basic type	Size	H _{max}	В	T _{max}	m _{max} (kg)
MV,	4	126	24	48	0.3
MVS,	5	142	29	60	0.4
MVCS,	6	164	36	70	0.7
MVE	8	208	40	60	2.0
DMV	4	107	40	52	0.7
	5	123	50	65	1.3
	6	142.5	60	75	1.8
	8	192	80	96	4.5
MVP	4	102	28	35	0.3
	5	113	32	40	0.5
	6	133	35	50	0.8
	8	172	50	60	1.6

Basic type	Size	H_{max}	B/SW	T _{max}	m _{max} (kg)
SV, SVC	4	_	a/f 22	87	0.2
	5	_	a/f 27	108	0.4
	6	-	a/f 32	132	0.9
SV	8	-	a/f 41	157	0.9
MVP	13, 14	82	29	50	0.3
MVG(C)	13, 14	94	20	42	0.3
MVE	13, 14	75	a/f 27	_	0.1

Additional information

2009

Pressure limiting valves type MV etc.
Miniature pressure limiting valves
Pressure limiting valves (assembly kits)
Multiple pressure limiting valves type MV.
Pressure limiting valves
D 7000 M
Pressure limiting valves
D 7000 TÜV
with type approval (TÜV) type MVX etc.

Piloted pressure valves type DV D 4350
type A D 6170

 See also section "Devices for special applications" (Devices for up to 700 bar)

For page and section of the devices additionally listed, see type index

• Screw-in pressure valves type CMV, CSV