

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

Pressure valves gover the pressure within a hydraulic system.

The types below are intended for the following purposes:

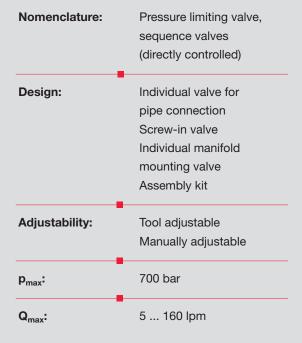
Pressure limiting valve (safety valve):
 Safeguarding the system against excessive pressure or for the limitation of working pressure.

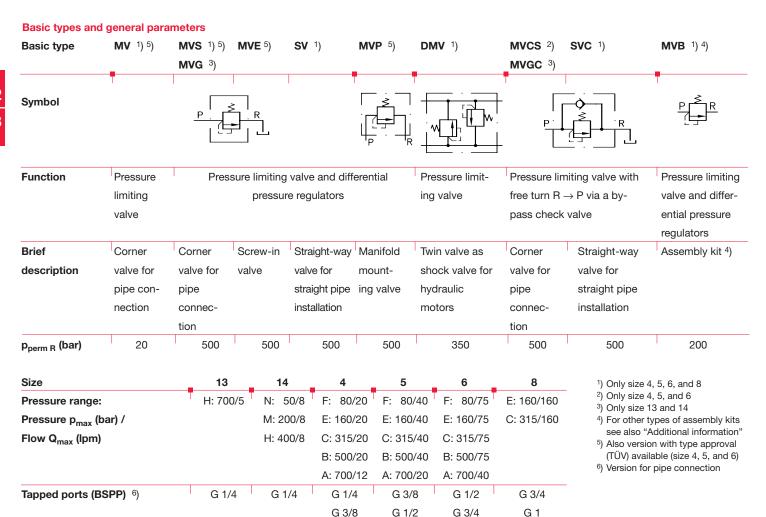
• Sequence valves:

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 is also a version of the pressure limiting valve (Type MV.X), conforming the Pressure Equipment Directive 97/23 EC, which features a type approval and a CE-stamping, usually necessary when used as safety valves for accumulators.





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)

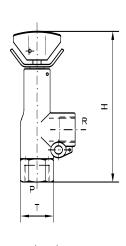
MVP 13 HR

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

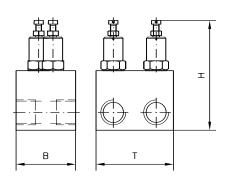
Dimensions (examples)

Type MV, MVS

(see order example)

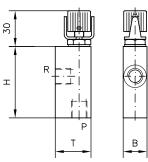




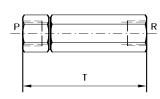


All dimensions in mm, subject to change without notice!





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
	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

Additional information	
• Pressure limiting valves type MV etc.	D 7000/1
Miniature pressure limiting valves	D 3726
 Pressure limiting valves (assembly kits) 	D 7000 E/1
Multiple pressure limiting valves type MV.	D 7000 M
Pressure limiting valves	D 7000 TÜV
with type approval (TÜV) type MVX etc.	

• Screw-in pressure valves type CMV, CSV

 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

2005

D 7710 MV