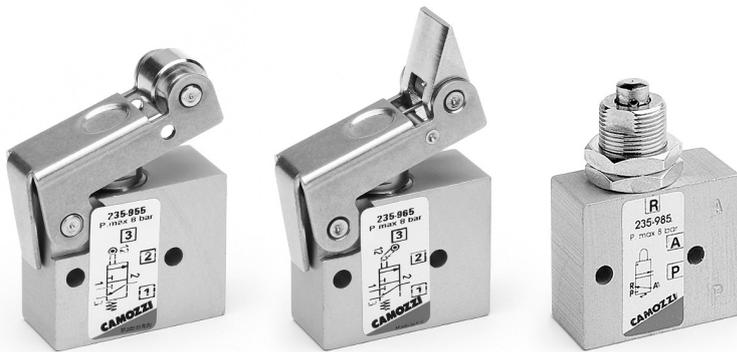


Series 2 mechanically operated minivalves

3/2-way

Ports M5, cartridge \varnothing 4



Series 2 mechanically operated miniature valves, 3/2-way normally closed, are available with M5 threaded ports or with an integrated super-rapid fitting for \varnothing 4mm tubes.

The devices are actuated by a plunger, roller/lever or a unidirectional lever.

GENERAL DATA

Construction	poppet type
Valve group	3-way/2-position
Materials	aluminium body, brass plunger, NBR seals
Mounting	by means of screws in the through-holes of the valve body
Ports	M5, \varnothing 4mm cartridge
Room temperature	0°C + 60°C
Fluid temperature	0°C + 50°C
Operating pressure	0 bar + 10 bar
Fluid	Filtered air, without lubrication. If lubricated air is used, it is recommended to use ISO VG32 oil. Once applied the lubrication should never be interrupted.

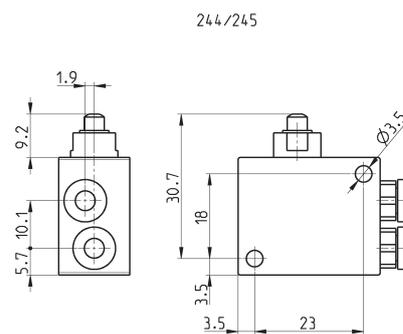
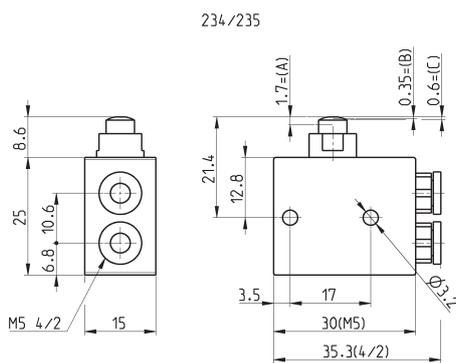
CODING EXAMPLE

2	3	4	-	94	5
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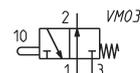
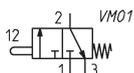
2	SERIES
3	FUNCTION 3 = 3/2-way NC 4 = 3/2-way NO
4	PORTS 4 = cartridge \varnothing 4mm 5 = M5
94	ACTUATION 94 = plunger 95 = lever/roller 96 = unidirectional lever 98 = plunger, panel mounting
5	RESETTING 5 = spring return

2

CONTROL

Minivalves with plunger

DRAWING LEGEND

- A = total stroke
- B = pre-stroke
- C = effective stroke

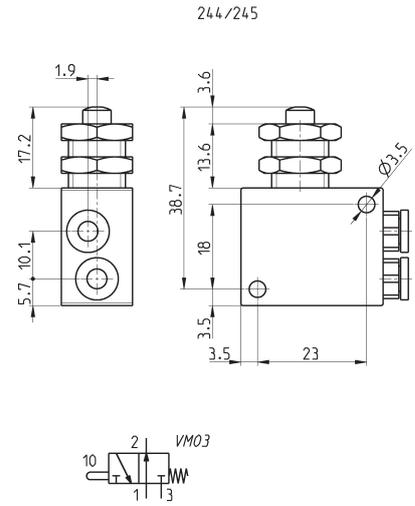
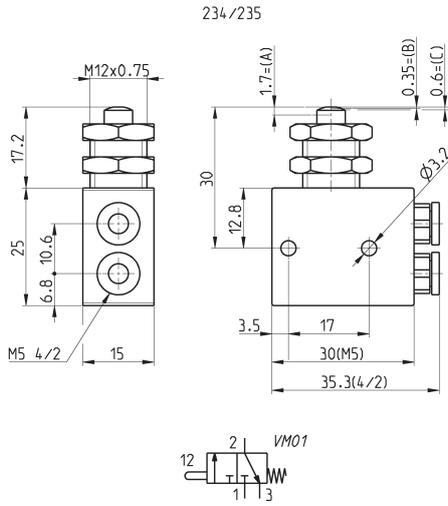


Mod.	Operating pressure (bar)	Flow Qn (NI/min)	Actuating force at 6 bar (N)	SYMBOL
234-945	2 + 10	60	6	VM01
235-945	2 + 10	60	6	VM01
244-945	2 + 10	60	6	VM03
245-945	2 + 10	60	6	VM03

Minivalves with plunger, panel mounting



DRAWING LEGEND
 A = total stroke
 B = pre-stroke
 C = effective stroke

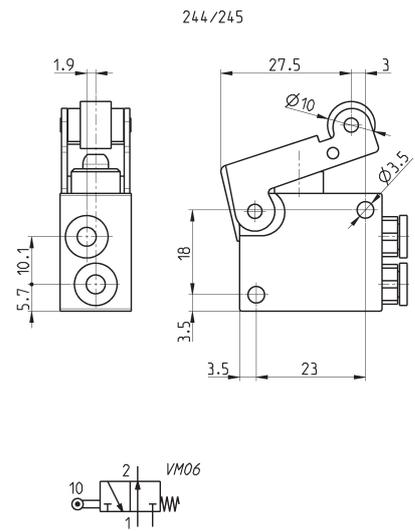
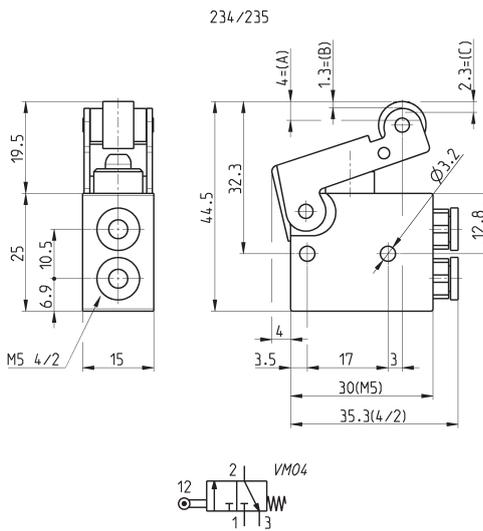


Mod.	Operating pressure (bar)	Flow Qn (NI/min)	Actuating force at 6 bar (N)	SYMBOL
234-985	2 + 10	60	6	VM01
235-985	2 + 10	60	6	VM01
244-985	2 + 10	60	6	VM03
245-985	2 + 10	60	6	VM03

Minivalves with lever/roller

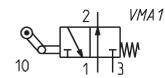
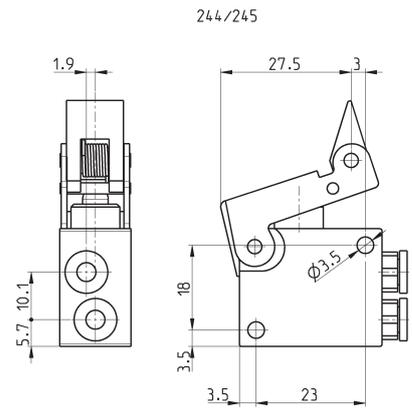
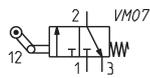
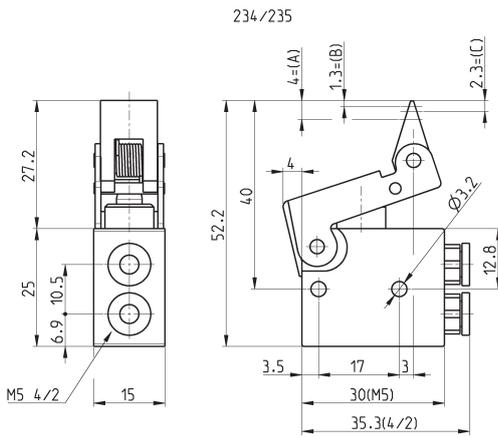


DRAWING LEGEND
 A = total stroke
 B = pre-stroke
 C = effective stroke



Mod.	Operating pressure (bar)	Flow Qn (NI/min)	Actuating force at 6 bar (N)	SYMBOL
234-955	2 + 10	60	6	VM04
235-955	2 + 10	60	6	VM04
244-955	2 + 10	60	6	VM06
245-955	2 + 10	60	6	VM06

Minivalves, unidirectional lever



DRAWING LEGEND
 A = total stroke
 B = pre-stroke
 C = effective stroke

Mod.	Operating pressure (bar)	Flow Qn (Nl/min)	Actuating force at 6 bar (N)	SYMBOL
234-965	2 ÷ 10	60	6	VM07
235-965	2 ÷ 10	60	6	VM07
244-965	2 ÷ 10	60	6	VMA1
245-965	2 ÷ 10	60	6	VMA1