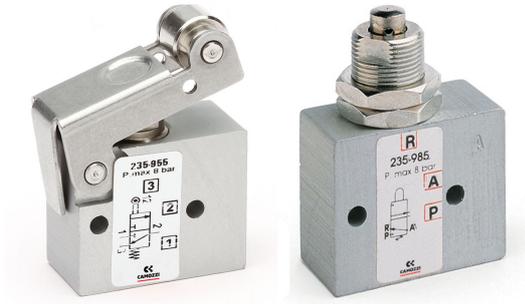


MECHANICALLY OPERATED MINIVALVES

SERIES 2

3/2-way
Ports M5, cartridge Ø4



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 Ø4mm tubes.

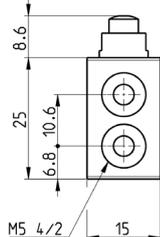
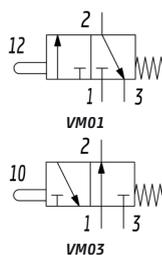
The devices are actuated by a plunger, roller/lever or a unidirectional lever.

General Data

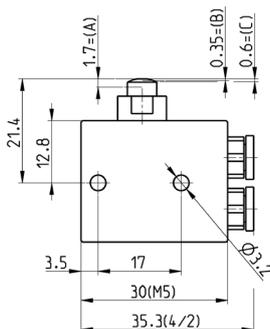
Construction	Poppet type
Valve group	3-way/2-position
Materials	Aluminium body, brass plunger, NBR seals
Mounting	By means of screws in the through-holes of the valve body
Ports	M5, Ø4mm cartridge
Room temperature	0°C + 60°C
Fluid temperature	0°C + 50°C
Operating pressure	2 bar + 10 bar
Fluid	Filtered 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

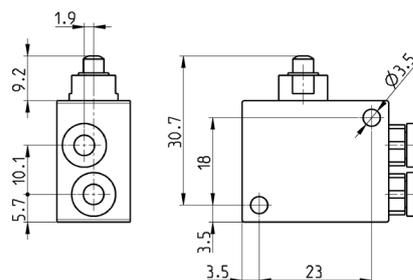
2	3	4	-	94	5
2	SERIES				
3	FUNCTION 3 = 3/2-way NC 4 = 3/2-way NO				
4	PORTS 4 = Cartridge Ø4mm 5 = M5				
94	ACTUATION 94 = Plunger 95 = Lever/roller 96 = Unidirectional lever 98 = Plunger, panel mounting				
5	RESETTING 5 = Spring return				

Minivalves with plunger


234/235



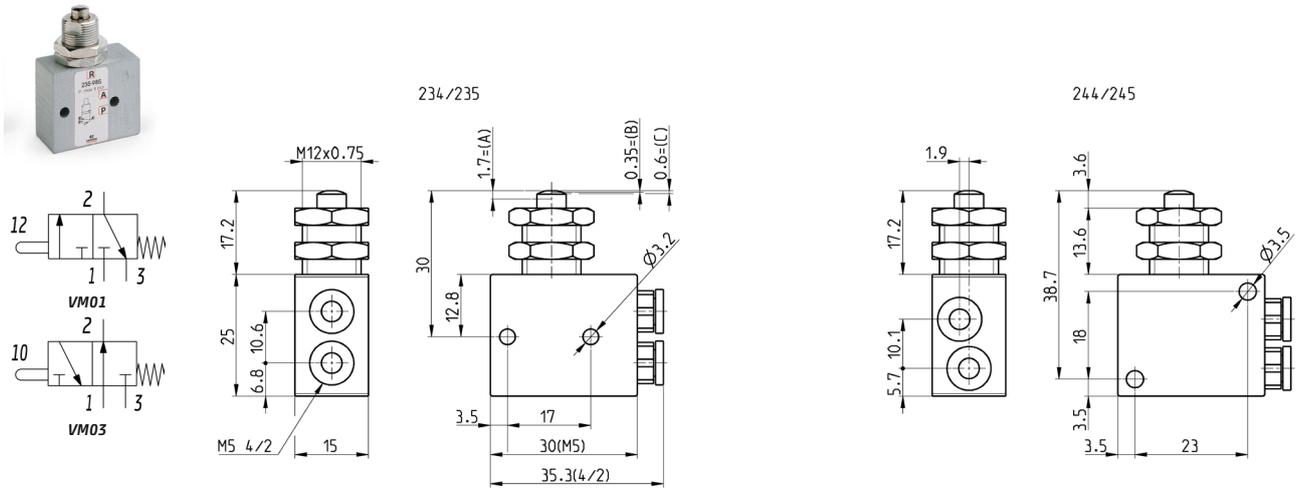
244/245



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

Mod.	Operating pressure [bar]	Flow Qn [l/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

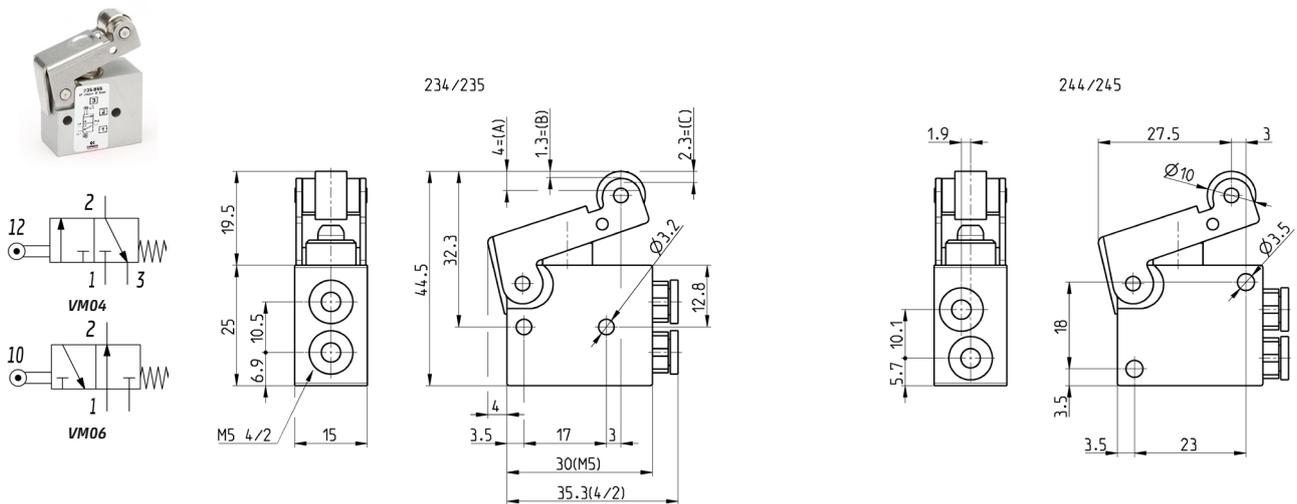
Minivalves with plunger, panel mounting



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

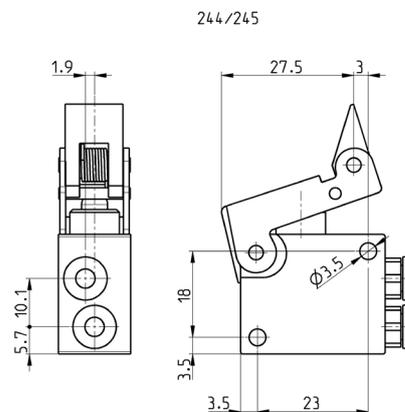
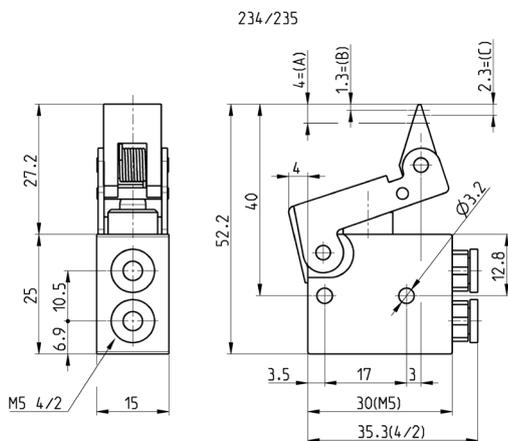
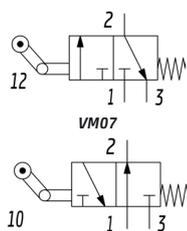
Mod.	Operating pressure [bar]	Flow Qn [NI/min]	Actuating force at 6 bar [N]	Symbol
234-985	2 ÷ 10	60	6	VM01
235-985	2 ÷ 10	60	6	VM01
244-985	2 ÷ 10	60	6	VM03
245-985	2 ÷ 10	60	6	VM03

Minivalves with lever/roller



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


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

Mod.	Operating pressure [bar]	Flow Qn [l/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