Mechanically operated minivalves Series 2

3/2-way Ports M5, cartridge dia. 4



The mechanically operated Series 2 miniature valves with 3/2 normally closed function are available with M5 threaded ports or with an integrated super-rapid fitting for dia. 4 tubes. The devices are actuated by a plunger, roller/lever or a unidirectional lever.

GENERAL DATA

 Construction
 poppet - type (closed centre)

 Valve group
 3/2 way/pos., normally closed

Materials aluminium body, OT58 (brass) plunger, NBR seals

Mounting by through - holes in valve body

Ports M5, cartridge dia. 4
Ambient temperature 0°C ÷ 60°C
Medium temperature 0°C ÷ 50°C
Operating pressure see models

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 - 9	94 5
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2 SERIES

3 FUNCTION
3 = 3/2-way N.C.
4 = 3/2-way N.O. on request

4 PORTS
4 = cartridge ø 4
5 = M5

94 ACTUATION
94 = plunger
95 = lever/roller
96 = unidirectional lever
98 = plunger, panel mounting

5 RESETTING
5 = spring return

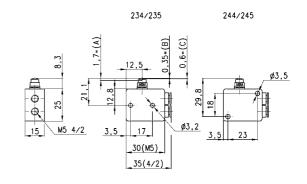
Minivalves



Operating pressure = 2 ÷ 8 bar Flow rate = 60 Nl/min. Actuating force at 6 bar = 6 N A = Complete stroke B = Centres closed position

C = Effective stroke

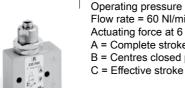




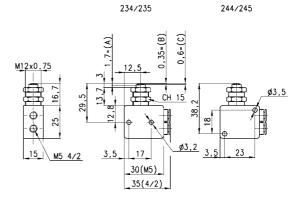
Mod. 234-945 235-945

244-945 245-945

Minivalves



Operating pressure = 2 ÷ 8 bar Flow rate = 60 NI/min. Actuating force at 6 bar = 6 N A = Complete stroke B = Centres closed position

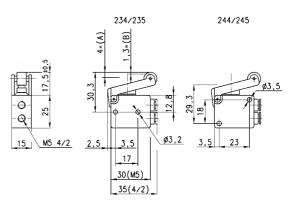


Mod. 234-985 235-985



Minivalves

Operating pressure = 2 ÷ 8 bar Flow rate = 60 NI/min. Actuating force at 6 bar = 4 N A = Complete stroke B = Centres closed position C = Effective stroke



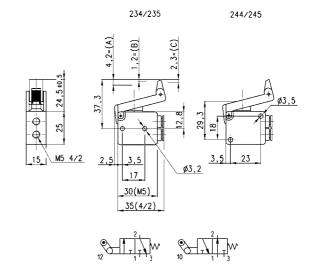
Mod. 234-955 235-955 244-955

245-955

Minivalves



Operating pressure = 2 ÷ 8 bar Flow rate = 60 NI/min. Actuating force at 6 bar = 6 N A = Complete stroke B = Centres closed position C = Effective stroke



Mod. 234-965

235-965