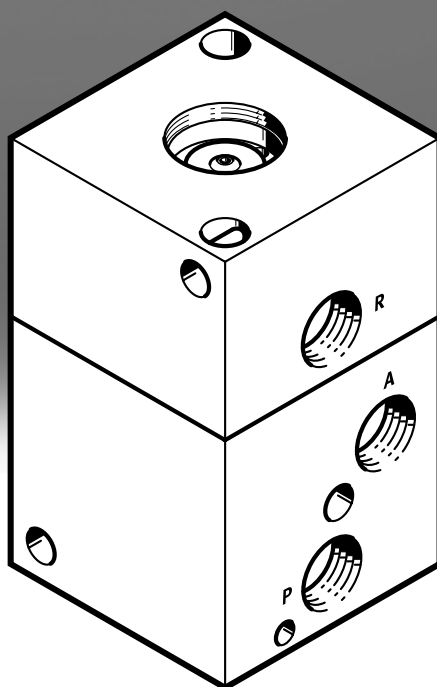


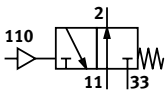
Basic valve LC, LCB

FESTO



Datasheet

General technical data



Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
pneumatic working port	G1/4
Pneumatic connection, port 3	G1/4
Pilot air port 12	M20x1
Design	Poppet seat
Type of reset	Mechanical spring
Type of mounting	With through-hole
Valve function	3/2-way, single solenoid, open
Construction width	50 mm
Nominal size	6.5 mm
Mounting position	Any
Type of actuation	Pneumatic
Standard nominal flow rate (standardised to DIN 1343)	600 l/min

Operating and environmental conditions

Operating pressure	0.2 ... 1 MPa
Operating pressure	2 ... 10 bar
Operating pressure	29 ... 145 psi
Pilot pressure	0.1 ... 1 MPa
Pilot pressure	1 ... 10 bar
Pilot pressure	14.5 ... 145 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Ambient temperature	-10 ... 60°C
Media temperature	-10 ... 60°C
Corrosion resistance class CRC ¹⁾	2 - Moderate corrosion stress

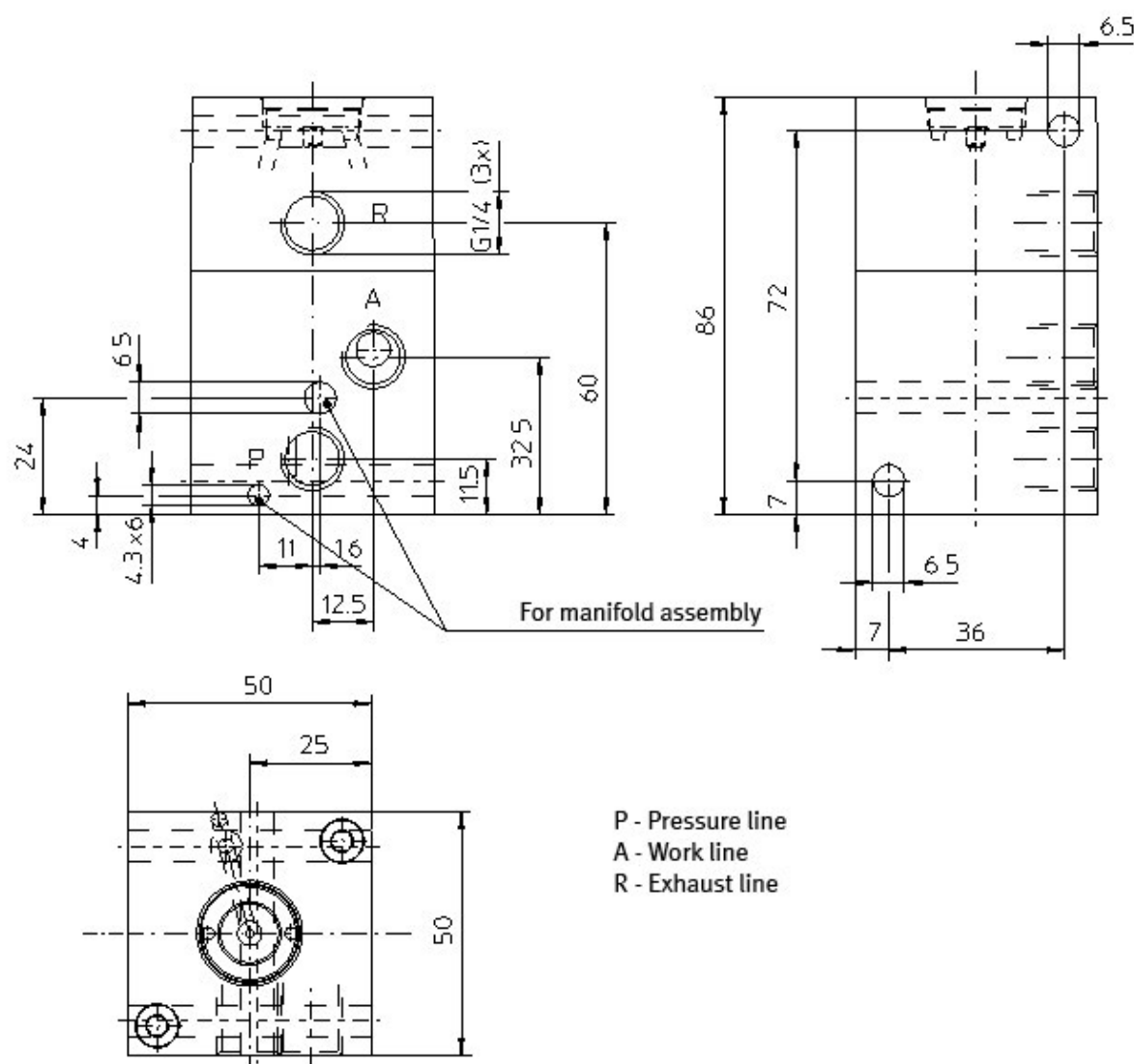
1) More information www.festo.com/x/topic/crc

Materials

Material housing	Aluminium, anodised
Material seals	NBR
RoHS status	RoHS compliant in accordance with EU directive
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Dimensions

Dimensions – Basic valve LOCB-3-1/4

Download CAD data www.festo.com

Ordering data

Ordering data						
	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Product weight	Part no.	Type
	G1/4	G1/4	600 l/min	495 g	556345	LCB-3-1/4