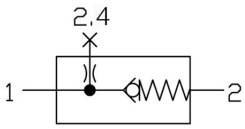
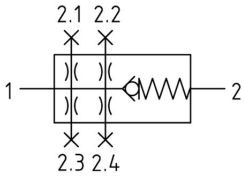
Partnership. With Guarantee.

Check valve G1/4" up to G1/2"
Series MCH18





MCH18-14H/38

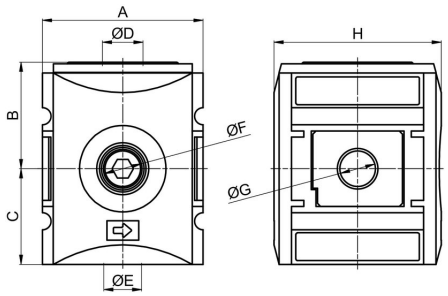


MCH18-38H/12

Design type	Poppet valve, spring-loaded
Connection	G1/4"...G1/2" according to ISO228/1
Materials	Housing Glass-fiber reinforced polyamide, Pressure ports Zinc die casting, Internal parts made of brass, Seals NBR
Medium	filtered compressed air
Medium temperature	0...+50°C
Ambient temperature	0...+50°C
Inlet pressure	maximum 16bar
Opening pressure	0,4bar
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	any

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Dimensional drawing

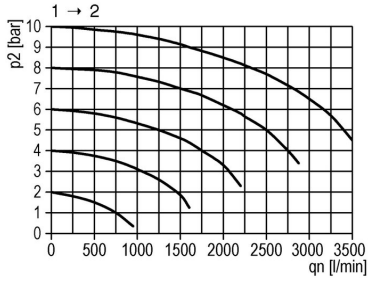


Connection G	Outlets	A	B	C	D (2.2)	E (2.1)	F (2.3-2.4) front - rear	H	Type
G1/4"	3	52	34	33	-	-	G1/4" rear	54	MCH18-14H
G3/8"	3	52	34	33	-	-	G1/4" rear	54	MCH18-38
G3/8"	4	63	43	38	G1/4"	G3/8"	G3/8"	67	MCH18-38H
G1/2"	4	63	43	38	G1/4"	G3/8"	G3/8"	67	MCH18-12

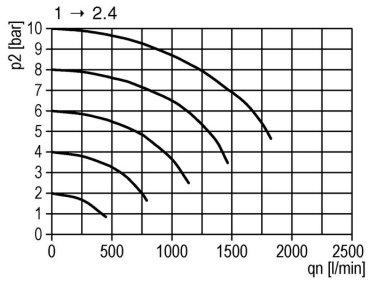
Connection G	Flow rate at 6 bar* [Nl/min]					max. Inlet pressure [bar]	Weight [approx. kg]	Type
	1 → 2	1 → 2.1	1 → 2.2	1 → 2.3	1 → 2.4			
G1/4"	1250	-	-	-	700	16	0,2	MCH18-14H
G3/8"	1250	-	-	-	700	16	0,2	MCH18-38
G3/8"	4500	1100	830	830	830	16	0,4	MCH18-38H
G1/2"	4500	1100	830	830	830	16	0,4	MCH18-12

*Flow rate at inlet pressure 6 bar and 1 bar pressure drop

Flow diagrams MCH18-14H/38

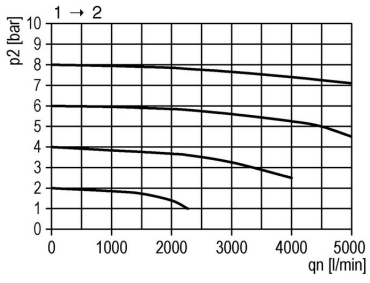


1. Flow diagram

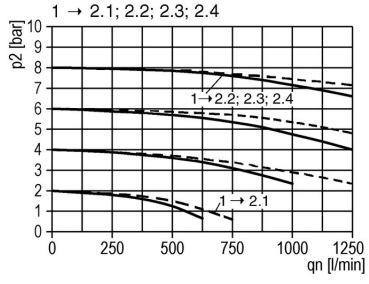


2. Flow diagram

Flow diagrams MCH18-38H/12



1. Flow diagram



2. Flow diagram

Accessories

Designation	Type
Connection set for 2 devices for G1/4" and G3/8" (Type MCH18-38)	MCS18-14H/38
Connection set for 2 devices for G3/8" (Type MCH18-38H) and G1/2"	MCS18-38H/12
Mounting bracket kit for G1/4" and G3/8" (Type MCH18-38)	MMB18-14H/38
Mounting bracket kit for G3/8" (Type MCH18-38H) and G1/2"	MMB18-38H/12

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