

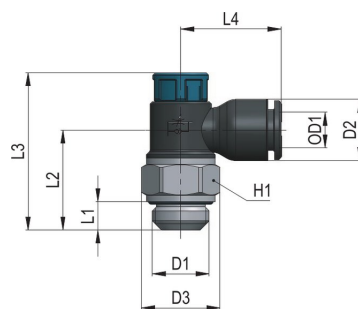
Swivel throttle check valve Series UFC11



Design type	Needle valve
Function	Flow control in one direction, free flow in the opposite direction
Actuation	Lockable adjustment knob
Connection	M5 after ISO R/262, G1/8"...G1/2" after ISO228/1
Hose outside diameter	4mm, 6mm, 8mm, 10mm and 12mm
Material	Thread Nickel-plated brass, Ring piece POM, lockable adjustment knob Polyamide glass fiber reinforced, Needle Polyamide glass fiber reinforced, Cartridge PBT, Seals NBR
Medium	Compressed air, neutral gases
Medium temperature	-20...+70°C
Operating pressure	0...10bar
Mounting position	any
Hose tolerances	+/-0,05mm up to Diameter 10mm, +/-0,1mm from diameter 12mm
recommended hoses	Polyamide (PA), Polyurethane (CP/PU), Polyethylene (PE), Polyamide - highly flexible (PF)



Dimensions



D1	ØD1 Hose outer diameter	D2	D3	L1	L2	L3	L4	Throttle direction	H1	Weight [g]	Type
M5	4	9,5	11	4	15,5	26,2	17,2	from thread to hose (exhaust air)	10	4,2	UFC11-C-M5-04
M5	6	11,5	11	4	15,9	26,6	20,3	from thread to hose (exhaust air)	10	4,5	UFC11-C-M5-06
G1/8"	4	9,5	15,5	5,5	19,5	32,5	18,5	from thread to hose (exhaust air)	14	8,9	UFC11-C-18-04
G1/8"	6	11,5	15,5	5,5	19,4	32,6	21,5	from thread to hose (exhaust air)	14	9,4	UFC11-C-18-06
G1/8"	8	14	15,5	5,5	19,4	32,5	22	from thread to hose (exhaust air)	14	9,7	UFC11-C-18-08
G1/4"	6	11,5	18	6,5	22,9	36	22,5	from thread to hose (exhaust air)	16	13,6	UFC11-C-14-06
G1/4"	8	14	18	6,5	22,9	36	23	from thread to hose (exhaust air)	16	13,9	UFC11-C-14-08
G1/4"	10	16	18	6,5	22,9	36,1	25	from thread to hose (exhaust air)	16	14,5	UFC11-C-14-10
G3/8"	8	14	22,5	7	27	45,6	24,5	from thread to hose (exhaust air)	20	25,4	UFC11-C-38-08
G3/8"	10	16	22,5	7	27	45,6	26,3	from thread to hose (exhaust air)	20	25	UFC11-C-38-10
G3/8"	12	19	22,5	7	27	45,6	28	from thread to hose (exhaust air)	20	26,7	UFC11-C-38-12
G1/2"	10	16	28	8,5	32,5	51,1	27	from thread to hose (exhaust air)	25	42,1	UFC11-C-12-10
G1/2"	12	19	28	8,5	32,5	51,1	28,6	from thread to hose (exhaust air)	25	43	UFC11-C-12-12
M5	4	9,5	11	4	15,5	26,2	17,2	from hose to thread (supply air)	10	4,2	UFC11-V-M5-04
M5	6	11,5	11	4	15,9	26,6	20,3	from hose to thread (supply air)	10	4,5	UFC11-V-M5-06
G1/8"	4	9,5	15,5	5,5	19,5	32,5	18,5	from hose to thread (supply air)	14	8,9	UFC11-V-18-04
G1/8"	6	11,5	15,5	5,5	19,4	32,6	21,5	from hose to thread (supply air)	14	9,4	UFC11-V-18-06
G1/8"	8	14	15,5	5,5	19,4	32,5	22	from hose to thread (supply air)	14	9,7	UFC11-V-18-08
G1/4"	6	11,5	18	6,5	22,9	36	22,5	from hose to thread (supply air)	16	13,6	UFC11-V-14-06
G1/4"	8	14	18	6,5	22,9	36	23	from hose to thread (supply air)	16	13,9	UFC11-V-14-08
G1/4"	10	16	18	6,5	22,9	36,1	25	from hose to thread (supply air)	16	14,5	UFC11-V-14-10
G3/8"	8	14	22,5	7	27	45,6	24,5	from hose to thread (supply air)	20	25,4	UFC11-V-38-08
G3/8"	10	16	22,5	7	27	45,6	26,3	from hose to thread (supply air)	20	25	UFC11-V-38-10
G3/8"	12	19	22,5	7	27	45,6	28	from hose to thread (supply air)	20	26,7	UFC11-V-38-12
G1/2"	10	16	28	8,5	32,5	51,1	27	from hose to thread (supply air)	25	42,1	UFC11-V-12-10
G1/2"	12	19	28	8,5	32,5	51,1	28,6	from hose to thread (supply air)	25	43	UFC11-V-12-12

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Flow control valves / Other materials - P04 / Unidirectional banjo flow control valve Series UFC11-C/V

Version 10

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