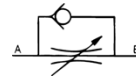


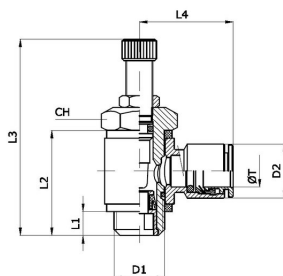
Swivel throttle check valve Series MV16C/V-MA35



Design type	Needle valve, with "Push-In" swivel fitting
Material	Body Brass nickel-plated, Seals NBR and Polyamide (PA)
Function	Flow control in one direction, free flow in the opposite direction, Actuation with knurled screw and locking by the hexagon nut
Connection	M5 after ISO R/262, G1/8" up to G1/2" after ISO228/1
Hose outside diameter	6mm, 8mm, 10mm, and 12mm
recommended materials	Polyamide (PA), Polyurethane (PU), Polyethylene (PE), Polyamide - highly flexible (PF)
Hose tolerances	+/-0,05 mm up to Diameter 10 mm, +/-0,1 mm from diameter 12 mm
Mounting position	any
Medium	Compressed air, neutral gases
Medium temperature	0°C up to +70°C
Operating pressure	0 up to 10 bar

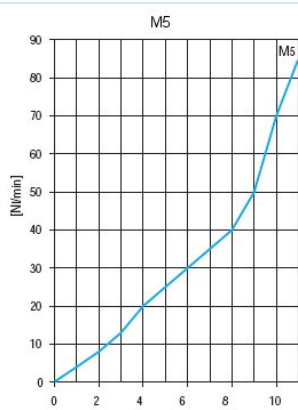


Dimensions

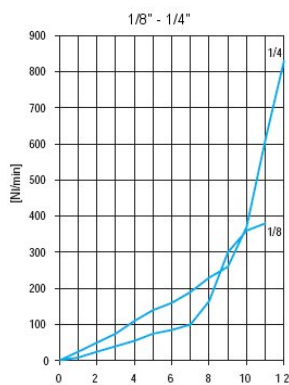


D1	D2	ØT Hose outer diameter	L1	L2	L3max.	L4	Throttle direction	CH	Weight [g]	Type
M5	9	4	4	16	38,5	18	from thread to hose (exhaust air)	8	22	MV16MA35-04-M5-C
M5	12	6	4	16	38,5	20,5	from thread to hose (exhaust air)	8	22	MV16MA35-06-M5-C
G1/8"	9	4	5	24	42,5	19,5	from thread to hose (exhaust air)	14	34	MV16MA35-04-18-C
G1/8"	12	6	5	24	42,5	22	from thread to hose (exhaust air)	14	37	MV16MA35-06-18-C
G1/4"	12	6	6,5	27,5	51	23,5	from thread to hose (exhaust air)	17	57	MV16MA35-06-14-C
G1/4"	14	8	6,5	27,5	51	24	from thread to hose (exhaust air)	17	58	MV16MA35-08-14-C
G3/8"	14	8	7	31	72	26	from thread to hose (exhaust air)	20	105	MV16MA35-08-38-C
G3/8"	16	10	7	31	72	28	from thread to hose (exhaust air)	20	112	MV16MA35-10-38-C
G1/2"	18	12	9	38	81	31	from thread to hose (exhaust air)	26	193	MV16MA35-12-12-C
M5	9	4	4	16	38,5	18	from hose to thread (supply air)	8	22	MV16MA35-04-M5-V
M5	12	6	4	16	38,5	20,5	from hose to thread (supply air)	8	22	MV16MA35-06-M5-V
G1/8"	9	4	5	24	42,5	19,5	from hose to thread (supply air)	14	34	MV16MA35-04-18-V
G1/8"	12	6	5	24	42,5	22	from hose to thread (supply air)	14	37	MV16MA35-06-18-V
G1/4"	12	6	6,5	27,5	51	23,5	from hose to thread (supply air)	17	57	MV16MA35-06-14-V
G1/4"	14	8	6,5	27,5	51	24	from hose to thread (supply air)	17	58	MV16MA35-08-14-V
G3/8"	14	8	7	31	72	26	from hose to thread (supply air)	20	105	MV16MA35-08-38-V
G3/8"	16	10	7	31	72	28	from hose to thread (supply air)	20	112	MV16MA35-10-38-V

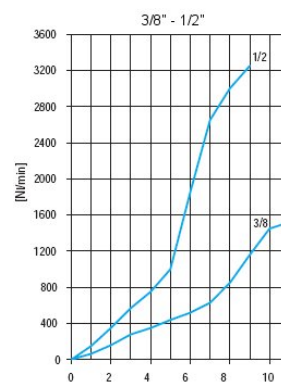
Flow diagrams



Revolutions on the spindle



Revolutions on the spindle



Revolutions at the spindle

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Flow control valves / Other materials - P04 / Unidirectional banjo flow control valve Series MV16MA35-C/V

Version 7

138410 / Generated 2026/33 EN

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Page 2 / 2

