

MICROREGULATOR Series HIGH-FLOW

Main features:

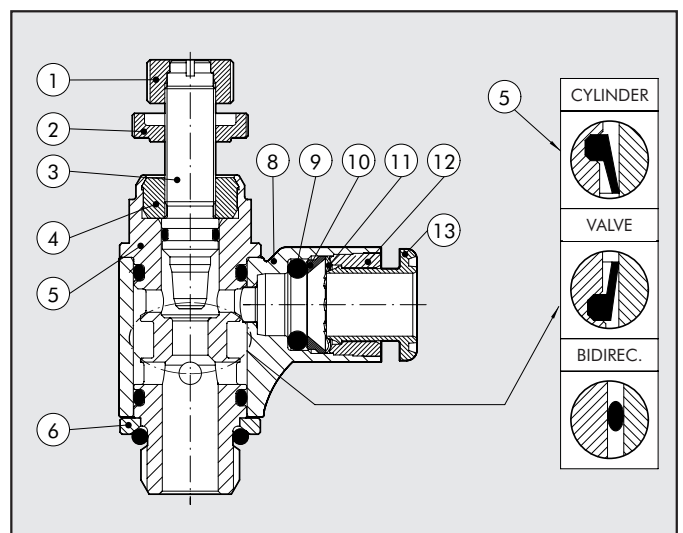
- high flow rate during regulation and discharge
- excellent regulation features
- regulation using a screwdriver and/or a knob and fixing using a ring nut
- available in sizes 1/8" and 1/4" only with a technopolymer ring
- can be mounted with an automatic screwdriver
- fitted with a swivel ring with the MRF mounted in position.



TECHNICAL DATA	1/8"			1/4"			
	Ø 4	Ø 6	Ø 8	Ø 6	Ø 8	Ø 10	Ø 12
Pipe							
Max input pressure	1						
	10						
	145						
Temperature range: technopolymer ring	-10 ÷ +50						
	+14 ÷ +122						
Max flow rate on regulation at 6.3 bar	500	600	650	850	900	1150	1200
Max flow rate on exhaust at 6.3 bar with closed pin	400	500	600	700	850	875	950
Max flow rate on exhaust at 6.3 bar with open pin	500	750	900	1000	1250	1350	1450
Regulation	Manual or via screwdriver						
Internal system	Tapered pin						
Fluid	Filtered, lubricated or unlubricated compressed air						

COMPONENTS

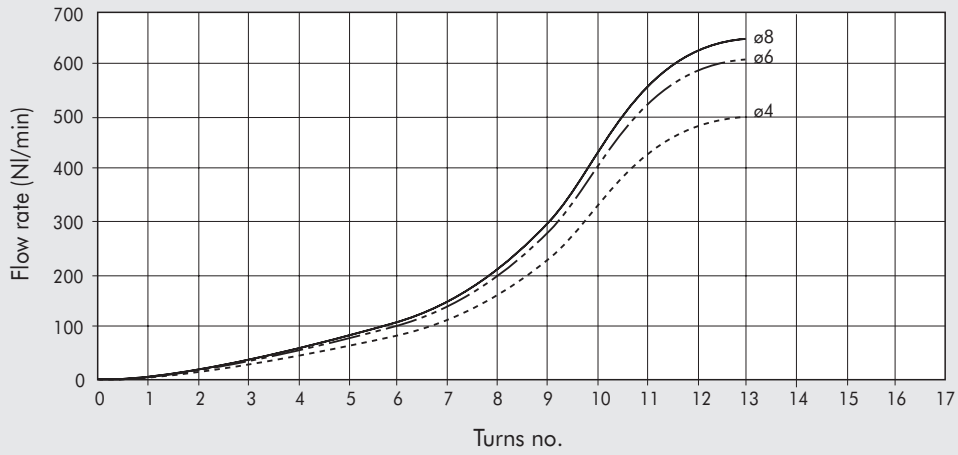
- 1 Nickel-plated brass knob
- 2 Nickel-plated brass securing ring nut
- 3 Brass pin
- 4 Nickel-plated brass bush
- 5 Nickel-plated brass body
- 6 Nickel-plated brass retaining ring
- 7 NBR gasket
- 8 Technopolymer swivel ring
- 9 NBR gasket
- 10 Technopolymer spring supporting ring
- 11 Stainless steel grabbing spring
- 12 Technopolymer retaining bush
- 13 Technopolymer release bush



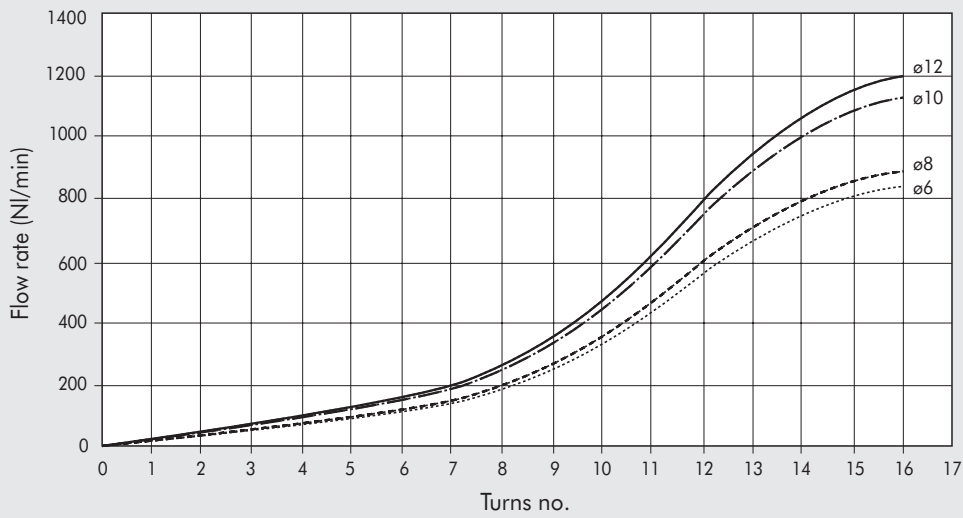


FLOW RATE CHARTS AT 6.3 bar DEPENDING ON THE TURNS EFFECTED
BY THE REGULATION SCREW

MRF 1/8'' - PIPE Ø4 - Ø6 - Ø8



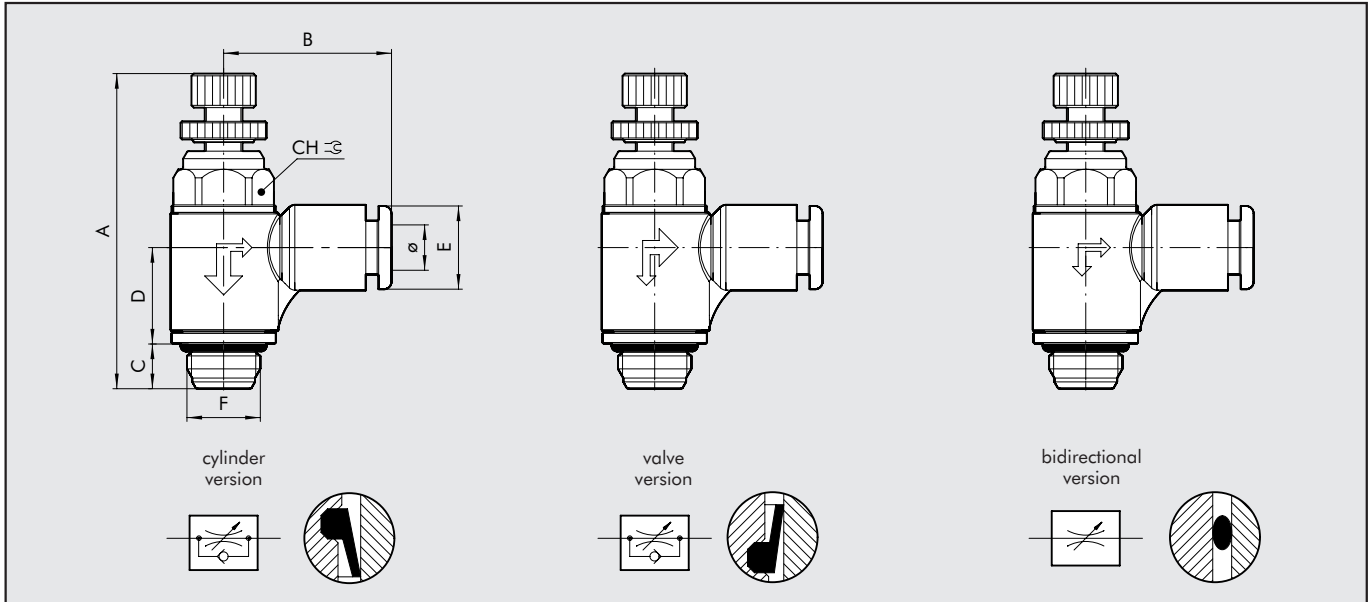
MRF 1/4'' - PIPE Ø6 - Ø8 - Ø10 - Ø12



NOTES

Blank area for notes with horizontal lines.

MRF HIGH-FLOW



CODE	DESCRIPTION	F	Ø	CH	A min	A max	B	C	D	E
9025002C	MRF H T C 4 1/8	1/8	4	12	38.5	43.3	21	6	12.9	9.2
9025102V	MRF H T V 4 1/8	1/8	4	12	38.5	43.3	21	6	12.9	9.2
9025602B	MRF H T B 4 1/8	1/8	4	12	38.5	43.3	21	6	12.9	9.2
9025006C	MRF H T C 6 1/8	1/8	6	12	38.5	43.3	22.3	6	12.9	11.3
9025106V	MRF H T V 6 1/8	1/8	6	12	38.5	43.3	22.3	6	12.9	11.3
9025606B	MRF H T B 6 1/8	1/8	6	12	38.5	43.3	22.3	6	12.9	11.3
9025008C	MRF H T C 8 1/8	1/8	8	12	38.5	43.3	25.6	6	12.9	13.8
9025108V	MRF H T V 8 1/8	1/8	8	12	38.5	43.3	25.6	6	12.9	13.8
9025608B	MRF H T B 8 1/8	1/8	8	12	38.5	43.3	25.6	6	12.9	13.8
9025007C	MRF H T C 6 1/4	1/4	6	15	44.3	49.8	24.3	8	15	11.3
9025107V	MRF H T V 6 1/4	1/4	6	15	44.3	49.8	24.3	8	15	11.3
9025607B	MRF H T B 6 1/4	1/4	6	15	44.3	49.8	24.3	8	15	11.3
9025009C	MRF H T C 8 1/4	1/4	8	15	44.3	49.8	27.2	8	15	13.8
9025109V	MRF H T V 8 1/4	1/4	8	15	44.3	49.8	27.2	8	15	13.8
9025609B	MRF H T B 8 1/4	1/4	8	15	44.3	49.8	27.2	8	15	13.8
9025011C	MRF H T C 10 1/4	1/4	10	15	44.3	49.8	28.6	8	15	16
9025111V	MRF H T V 10 1/4	1/4	10	15	44.3	49.8	28.6	8	15	16
9025611B	MRF H T B 10 1/4	1/4	10	15	44.3	49.8	28.6	8	15	16
9025014C	MRF H T C 12 1/4	1/4	12	15	44.3	49.8	31	8	15	19.5
9025114V	MRF H T V 12 1/4	1/4	12	15	44.3	49.8	31	8	15	19.5
9025614B	MRF H T B 12 1/4	1/4	12	15	44.3	49.8	31	8	15	19.5

KEY TO CODING

M R F	H	T	C	4	1/8
ELEMENT	TYPE	RING	FUNCTION	Ø PIPE	Ø THREAD
	H high flow	T technopolymer with push-in fitting	C for cylinder V for valve B bidirectional	4: Ø 4 6: Ø 6 8: Ø 8 10: Ø 10 12: Ø 12	1/8: G 1/8" 1/4: G 1/4"