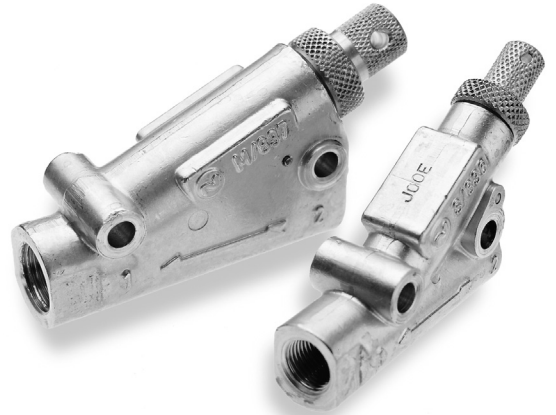


**Heavy duty flow regulator, uni-directional
G1/8 to G1**

- Line mounted general purpose regulators**
- Captive regulating needle will not blow out when unscrewed**
- Calibrated adjusting knob, can be locked**
- Suitable for wall mounting**
- High operating pressure**

**Technical data**

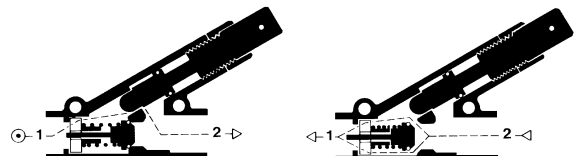
- Medium:**
Compressed air, filtered, lubricated and non-lubricated
- Operating pressure:**
0,3 to 16 bar
- Ambient temperature:**
-20°C to + 80°C (alternative models to 150°C, consult our Technical Service for use below +2°C)

Materials

- S/836, M/837, M/839
Body, adjusting knob and locking ring: brass
- M/840, M/855
Body, adjusting knob and locking ring: aluminium
- Seals: nitrile rubber.

Ordering information

- Heavy duty flow regulator G1/4
quote: M/837



General information

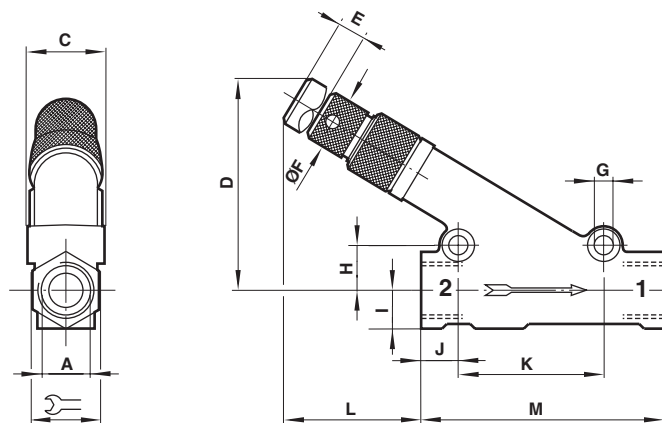
Model	Port size	Max. regulated flow factor	Flow factor	kg			
BSPP	NPT	C *1)	Cv				
S/836	C/836	1/8	0,7	0,17	2,1	0,6	0,10
S/837	C/837	1/4	2	0,49	4,3	1	0,15
M/839	C/839	1/2	12	2,9	17	4,1	0,60
M/840	C/840	3/4	18	4,4	38	9,3	1,20
M/855	C/855	1	36	8,8	45	11	3,50

*1) C measured in dm³/(s. bar), Cv measured in US gal/min

BSPP = According to BS2779 and ISO - 228/1

NPT = Products are finished with National Pipe Straight Threads for Couplings, which are specifically designed to mate with NPT male threads

Dimensions



Type	A	C	D	E	Ø F	Ø G	H	I	J	K	L	M	⌀
S/836	G 1/8	17	38,0 max.	6,5	8,5	5,1	8,5	8,0	5,0	24,5	27,5 max.	46	13
M/837	G 1/4	22	37,5 max.	7,5	11,5	5,2	11,0	9,5	6,0	41,0	25,0 max.	60	17
M/839	G 1/2	28	80,0 max.	13	20,5	8,3	17,0	16,0	13,0	57,0	53,0 max.	95	28
M/840	G 3/4	38	104 max.	13	25,5	8,30	21,5	17,5	20,5	76,0	66,0 max.	118	32
M/855	G 1	52	147 max.	22	35,5	13,0	26,0	24,0	23,0	90,0	107 max.	150	48

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **‘Technical data’**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.