

HEAVY DUTY FLOW REGULATORS, UNI-DIRECTIONAL M/800 series

In-line – G1/8 ... 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

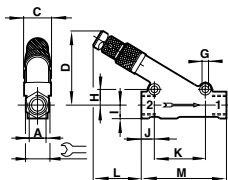
S/836, M/837, M/839

Body, adjusting knob and locking ring: brass

M/840, M/855

Body, adjusting knob and locking ring: aluminium



Seals: nitrile rubber.



Dimensions

| Model | A | D max. | Ø G | H | I | J | K | L | M | ⌀ |
|-------|------|--------|-----|------|------|------|------|-----------|-----|----|
| S/836 | G1/8 | 38 | 5,1 | 8,5 | 8 | 5 | 24,5 | 27,5 max. | 46 | 13 |
| M/837 | G1/4 | 37,5 | 5,2 | 11 | 9,5 | 6 | 41 | 25 max. | 60 | 17 |
| M/839 | G1/2 | 80 | 8,3 | 17 | 16 | 13 | 57 | 53 max. | 95 | 28 |
| M/840 | G3/4 | 104 | 8,3 | 21,5 | 17,5 | 20,5 | 76 | 66 max. | 118 | 32 |
| M/855 | G1 | 147 | 13 | 26 | 24 | 23 | 90 | 107 max. | 150 | 48 |

Models

| BSP Model | Function | Port size | Max. regulated flow factor C** | CV | Free flow factor C** | CV |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|--------------------------------|------|----------------------|-----|
|  |  | G1/8 | 0,7 | 0,17 | 2,1 | 0,6 |
| M/837 | | G1/4 | 2 | 0,49 | 4,3 | 1 |
| M/839 | | G1/2 | 12 | 2,9 | 17 | 4,1 |
| M/840 | | G3/4 | 18 | 4,4 | 38 | 9,3 |
| M/855 | | G1 | 36 | 8,8 | 45 | 11 |

** C measured in dm³/(s.bar)

For further information
www.norgren.com/info/nec/en147

