

# Cylinder pressure regulator FM41-F

spectromed



relief valve



FM 41 F - 3 - KS - MV - 5bar - SM6 - O2 - DIN477-9

stem

relief valve



FM 41 F - 4 - KS - ML - 5bar - 9/16UNF+SM6 - B - O2 - DIN477-9

## Product features

- Single-stage cylinder pressure regulator, CE-certified (CE 1250) for medical gases
- Fixed flow or fixed outlet pressure
- 1 outlet individually selectable, e.g. gland for connection of a respiratory mask or a nasal cannula
- All gas wetted materials free of chlorine and fluorine
- Compact design
- Light weight
- With hand connection for mounting without tools

## Technical data

|                                      |   |
|--------------------------------------|---|
| <b>Type</b>                          | single-stage                                  |
| <b>Inlet pressure P<sub>1</sub></b>  | max. 200 bar                                  |
| <b>Outlet pressure P<sub>2</sub></b> | 5 bar   |
| <b>Flow</b>                          | 1 / 5 / 15 l/min. (other values upon request) |
| <b>Materials</b>                     |   |
| Body:                                | chrome plated brass                           |
| Piston:                              | brass   |
| Valve seat:                          | PA  |
| <b>Cylinder connection</b>           | acc. to international standards and gas types |
| <b>Outlet connectors</b>             | selectable                                    |
| <b>Weight</b>                        | 560 g   |

## FM 41 F - 4 - KS - MV - 5bar - SM6 - G3/8 - O2 - DIN477-9

### Ports

- 3 - 3 ports
- 4 - 4 ports

### Stem

- KS - short stem
- LS - long stem (+ 68 mm)

### Pressure gauge

- MV - readable from front (standard)
- ML - readable from left side (cylinder left)
- MR - readable from right side (cylinder right)
- MF - lying (flat pressure gauge+rubber protection)\*
- B - plug (without pressure gauge)

### Adjustment value

- x bar - 5 bar fixed
- x l/min - 1 / 5 / 15 l/min.

### Cylinder connection

Standard + type

### Type of gas

Please specify type of gas

### Outlet 2 (for 4-port-body only)

Outlet 2 instead of outlet 1 - options see below

### Outlet 1

- 0 - 1/8"-NPT female
- SM6 - gland 6 mm
- 9/16UNF+SM6 - detachable gland 6 mm with 9/16-UNF
- Rectus 4 - Rectus-coupling 4 mm
- Rectus 6 - Rectus-coupling 6 mm
- Walther - Walther-coupling 6 mm
- DIN - DIN-coupling acc. to DIN 13260-2
- G3/8 - G 3/8" male (flat)
- 9/16UNF - 9/16-UNF male (without gland)
- M12x1 - M12x1 incl. non return valve
- W 1/8NPT - elbow 1/8"-NPT female
- B - plug

\* the body is rotated 90° and the relief valve is on top

# Cylinder pressure regulator FM41 L

spectromed

CE



FM 41 L - KS - ML - L - SM6 - B - B - O2 - DIN477-9



FM 41 L - KS - MF - L - 9/16UNF+SM6 - DIN - B - O2 - DIN477-9

## Product features

- Single-stage cylinder pressure regulator, CE-certified (CE 1250) for medical gases
- Adjustment by an incremental orifice type flow selector
- 1 regulated outlet (flow selector), e.g. gland for connection of a respiratory mask, humidifier or a nasal cannula
- 1 additional pressure outlet, set on 5 bar nominal pressure - for additional instruments in clinics or rescue service
- All gas wetted materials free of chlorine and fluorine
- Compact design
- With hand connection for mounting without tools

## Technical data

|                                     |   |
|-------------------------------------|---|
| <b>Type</b>                         | single-stage                                  |
| <b>Inlet pressure P<sub>1</sub></b> | max. 200 bar                                  |
| <b>Flow</b>                         | 0, 1, 2, 3, 4, 5, 6, 9, 12, 15 l/min.         |
| <b>Materials</b>                    |   |
| Body:                               | chrome plated brass                           |
| Piston:                             | brass   |
| Valve seat:                         | PA  |
| <b>Cylinder connection</b>          | acc. to international standards and gas types |
| <b>Outlet connectors</b>            | selectable                                    |
| <b>Weight</b>                       | 830 g   |

## FM 41 L - KS - ML - L - SM6 - B - B - O2 - DIN477-9

### Stem

- KS - short stem
- MS - medium stem (+ 48 mm)
- LS - long stem (+ 68 mm)

### Pressure gauge

- MV - readable from front (standard)
- ML - readable from left side (cylinder left)
- MR - readable from right side (cylinder right)
- MF - lying (flat pressure gauge+rubber protection)\*
- MH - lying (high pressure gauge)\*
- B - plug (without pressure gauge)

### Flow selector

- O - readable from top
- L - readable from left (cylinder left)
- R - readable from right (cylinder right)

\* the body is rotated 90° and the relief valve is on top

### Cylinder connection

Standard + type

### Type of gas

Please specify type of gas

### Outlet 3 (instead of outlet 2)

### Outlet 2

- Rectus 4 - Rectus-coupling 4 mm
- Rectus 6 - Rectus-coupling 6 mm
- Walther - Walther-coupling 6 mm
- DIN - DIN-coupling acc. to DIN 13260-2
- M12x1 - M12x1 incl. non return valve
- W 1/8NPT - elbow 1/8"-NPT female
- T 1/8NPT - T-fitting 1/8"-NPT female
- B - plug

### Outlet 1 (regulated 0-15 l/min.)

- SM6 - gland 6 mm
- 9/16UNF+SM6 - detachable gland 6 mm with 9/16-UNF
- G3/8 - G 3/8" male (flat)
- 9/16UNF - 9/16-UNF male