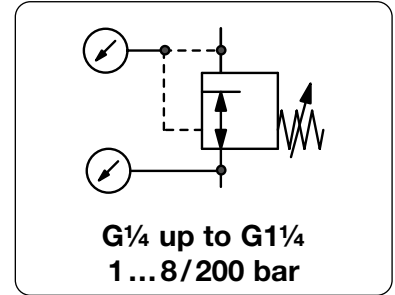


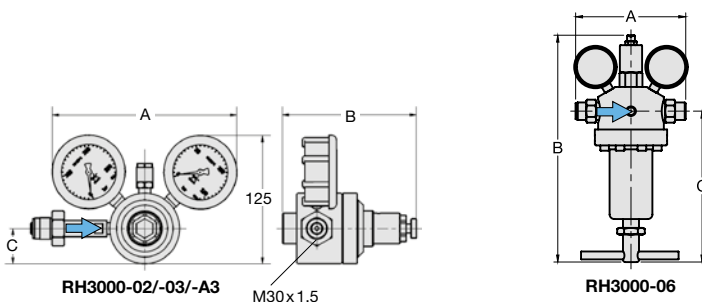
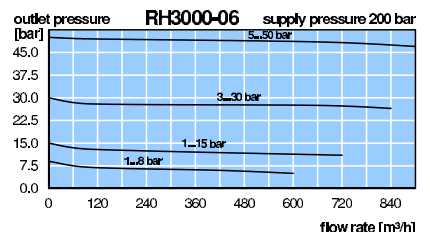
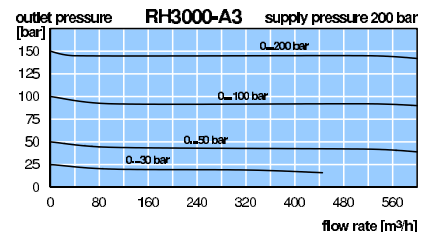
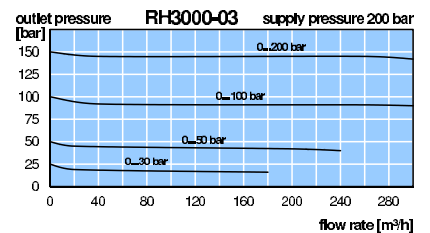
STAINLESS STEEL HIGH PRESSURE REGULATOR FOR OUTLET PRESSURE UP TO 200 BAR RH3000

| | | |
|--------------------------|--|---|
| Description | Hand-operated, spring-loaded high pressure regulator for maximum supply pressure of 220 bar and maximum outlet pressure of 200 bar. For outlet pressures up to 15 bar the regulator has a diaphragm, for higher outlets a piston. A sintered bronze filter at the inlet port protects against contamination. | |
| Media | compressed air or non-corrosive gases | |
| Supply pressure | max. 220 bar | |
| Adjustment | by hexagon head screw at RH3000-02 to -A3; T-handle at RH3000-06 to -10, with locknut | |
| Gauge port | All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge. | |
| Relief valve | prevents from overpressure, see chart | |
| Compensation | All regulators are equipped with supply pressure variation compensation, so that a change in supply pressure has no effect on the outlet pressure's stability. | |
| Temperature range | -20 °C to 60 °C / -4 °F to 140 °F | |
| Material | Body: stainless steel 316 Diaphragm: stainless steel 316 O-ring: FKM / PTFE | Mounting position: any Filter: stainless steel 316 Valve seat: FKM Piston: stainless steel 316 |



| Dimensions | | | Relief valve | K _v -value | Flow rate | Connection thread | Pressure range | Order number |
|------------|---|---|---------------|-----------------------|---------------------|-------------------|----------------|--------------|
| A | B | C | S: with valve | (m ³ /h) | m ³ /h*1 | inlet/outlet | bar | |

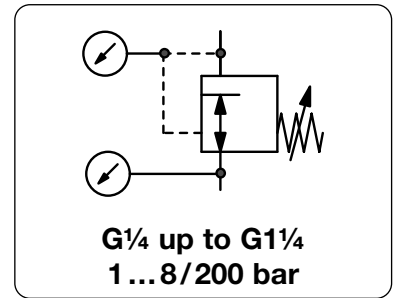
| High pressure regulator 220 bar | | | | | | non-relieving, for compressed air with supply and outlet pressure gauges | RH3000 | | |
|---------------------------------|-----|-----|---|------|------|--|---|------------|------------|
| 170 | 159 | 32 | S | 0.05 | 30 | 500 | DIN 477 / G _{1/4} f | 1 ... 8 | RH3000-02A |
| | | | S | | 45 | 750 | | 1 ... 15 | RH3000-02B |
| 170 | 172 | 32 | S | 60 | 1000 | | | 3 ... 30 | RH3000-02C |
| | | | S | 60 | 1000 | | | 5 ... 50 | RH3000-02D |
| | | | S | 60 | 1000 | | | 10 ... 100 | RH3000-02E |
| | | | - | | 60 | 1000 | | 20 ... 200 | RH3000-02F |
| 186 | 172 | 40 | S | 0.15 | 70 | 1150 | DIN 477 / G _{3/8} f | 1 ... 8 | RH3000-03A |
| | | | S | | 155 | 2580 | | 1,5 ... 15 | RH3000-03B |
| | | | S | | 210 | 3500 | | 3 ... 30 | RH3000-03C |
| 186 | 175 | 46 | S | | 250 | 4100 | | 5 ... 50 | RH3000-03D |
| | | | | | 350 | 5800 | | 10 ... 100 | RH3000-03E |
| | | | - | | 390 | 6500 | | 20 ... 200 | RH3000-03F |
| 186 | 196 | 40 | - | | | | | | |
| 178 | 241 | 40 | S | 0.25 | 370 | 6170 | G _{3/4} f / G _{3/8} f | 1 ... 15 | RH3000-A3B |
| 178 | 244 | 40 | S | | 460 | 7700 | | 3 ... 30 | RH3000-A3C |
| | | | S | | 650 | 10830 | | 5 ... 50 | RH3000-A3D |
| | | | | | 680 | 11300 | | 10 ... 100 | RH3000-A3E |
| | | | - | | 700 | 11670 | | 20 ... 200 | RH3000-A3F |
| 178 | 196 | 40 | - | | | | | | |
| 178 | 241 | 40 | S | 0,25 | 370 | 6170 | G _{3/4} i / G _{1/2} i | 1 ... 15 | RH3000-04B |
| 178 | 244 | 40 | S | | 460 | 7700 | | 3 ... 30 | RH3000-04C |
| | | | S | | 650 | 10830 | | 5 ... 50 | RH3000-04D |
| | | | - | | 680 | 11300 | | 10 ... 100 | RH3000-04E |
| | | | - | | 700 | 11670 | | 20 ... 200 | RH3000-04F |
| 178 | 196 | 40 | - | | | | | | |
| 166 | 345 | 232 | S | 1.5 | 600 | 10000 | G _{3/4} m / G _{3/4} m | 1 ... 8 | RH3000-06A |
| | | | S | | 720 | 12000 | | 1 ... 15 | RH3000-06B |
| 166 | 358 | 245 | S | | 850 | 14170 | | 3 ... 30 | RH3000-06C |
| | | | S | | 1000 | 16670 | | 5 ... 50 | RH3000-06D |
| | | | - | | 1050 | 17500 | | 10 ... 100 | RH3000-06E |



*1 at 200 bar supply pressure and max. outlet pressure

STAINLESS STEEL HIGH PRESSURE REGULATOR FOR OUTLET PRESSURE UP TO 200 BAR RH3000

| | | |
|--------------------------|--|---|
| Description | Hand-operated, spring-loaded high pressure regulator for maximum supply pressure of 220 bar and maximum outlet pressure of 200 bar. For outlet pressures up to 15 bar the regulator has a diaphragm, for higher outlets a piston. A sintered bronze filter at the inlet port protects against contamination. | |
| Media | compressed air or non-corrosive gases | |
| Supply pressure | max. 220 bar | |
| Adjustment | by hexagon head screw at RH3000-02 to -A3; T-handle at RH3000-06 to -10, with locknut | |
| Gauge port | All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge. | |
| Relief valve | prevents from overpressure, see chart | |
| Compensation | All regulators are equipped with supply pressure variation compensation, so that a change in supply pressure has no effect on the outlet pressure's stability. | |
| Temperature range | -20 °C to 60 °C / -4 °F to 140 °F | |
| Material | Body: stainless steel 316 Diaphragm: stainless steel 316 O-ring: FKM / PTFE | Mounting position any Filter: stainless steel 316 Valve seat: FKM Piston: stainless steel 316 |



| Dimensions | | | Relief valve | K _v -value | Flow rate | Connection thread | Pressure range | Order number |
|------------|---|---|---------------|-----------------------|---------------------|-------------------|----------------|--------------|
| A | B | C | S: with valve | (m ³ /h) | m ³ /h*1 | inlet/outlet | bar | |

| High pressure regulator 220 bar | | | | | | | | non-relieving, for compressed air with supply and outlet pressure gauges | RH3000 |
|---------------------------------|-----|-----|---|-----|------|-------|----------------|--|------------|
| 253 | 365 | 242 | S | 1,8 | 1100 | 18330 | G1a / G1 a | 1 ... 8 | RH3000-08A |
| | | | S | | 1300 | 21670 | | 1 ... 15 | RH3000-08B |
| 253 | 406 | 278 | S | | 1500 | 25000 | | 3 ... 30 | RH3000-08C |
| | | | S | | 1650 | 27500 | | 5 ... 50 | RH3000-08D |
| | | | - | | 1850 | 30830 | | 20 ... 200 | RH3000-08F |
| 248 | 370 | 270 | S | 3,1 | 3850 | 65830 | G1a / G1 1/4 i | 1 ... 8 | RH3000-10A |
| | | | | | | | | 1 ... 15 | RH3000-10B |
| | | | | | | | | 3 ... 30 | RH3000-10C |
| | | | | | | | | 5 ... 50 | RH3000-10D |

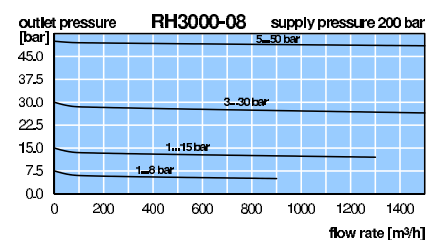
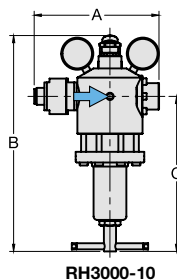
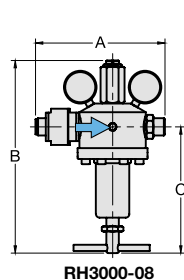


Special options, add the appropriate letter

| | | |
|-----------------------------|-------------------------------|----------------|
| diaphragm relieving | | RH3000-... R |
| piston relieving | | RH3000-... R |
| EPDM elastomer | | RH3000-... E |
| for panel mounting | for RH3000-02 to -A3 | RH3000-... P |
| carbon dioxide*2 | CO ₂ | RH3000-... 03 |
| argon | Ar | RH3000-... 05 |
| nitrogen | N ₂ | RH3000-... 07 |
| helium | He | RH3000-... 09 |
| hydrogen | H ₂ | RH3000-... 11 |
| methane | CH ₄ | RH3000-... 13 |
| natural gas *3 | | RH3000-... 14 |
| propane | C ₃ H ₈ | RH3000-... 16 |
| nitrous oxide | N ₂ O | RH3000-... 17 |
| without cylinder connection | | RH3000-... X40 |

Accessories, enclosed

| | | |
|------------------|-----------------------|-----------------|
| mounting bracket | for RH3000-02 | BW45-03S |
| mounting nut | for RH3000-02 | M45x1,5S |
| mounting bracket | for RH3000-03 and -A3 | BW50-01S |
| mounting nut | for RH3000-03 and -A3 | M50x1,5S |
| mounting bracket | for RH3000-06 | BW00-31S |
| | for RH3000-08 | BW00-35S |



*1 at 200 bar supply pressure and max. outlet pressure *2 max. 80 bar *3 without DVGW-approval