

For blowing out and cleaning machines, motors, bearings, sliding surfaces, all types of bores, hollow bodies, moulds, etc.

|                         |                                       |
|-------------------------|---------------------------------------|
| Max. operating pressure | 12 bar                                |
| Operating temperature   | -10 °C to 90 °C                       |
| Gun body                | Polypropylene (PP)                    |
| Hand lever              | Polyamide with glass fiber (PA6 GF30) |
| Nozzle                  | M12x1.25                              |

### Metered blow gun without nozzle, connectable below

| Art. No. | Type No.     | Type of connection  |
|----------|--------------|---------------------|
| 129360   | BPKRODUAG14  | G 1/4 IT            |
| 129361   | BPKRODUANW72 | Push-in plug DN 7.2 |
| 129362   | BPKRODUALW6  | Stem, I.D. 6        |
| 129363   | BPKRODUALW9  | Stem, I.D. 9        |
| 129364   | BPKRODUALW13 | Stem, I.D. 13       |

### Metered blow gun without nozzle, connectable on top

| Art. No. | Type No.     | Type of connection  |
|----------|--------------|---------------------|
| 129365   | BPKRODOAG14  | G 1/4 IT            |
| 129366   | BPKRODOANW72 | Push-in plug DN 7.2 |
| 129367   | BPKRODOALW6  | Stem, I.D. 6        |
| 129368   | BPKRODOALW9  | Stem, I.D. 9        |
| 129369   | BPKRODOALW13 | Stem, I.D. 13       |

### Metered blow gun with standard nozzle, connectable below

| Art. No. | Type No.    | Type of connection  |
|----------|-------------|---------------------|
| 129370   | BPKRDUAG14  | G 1/4 IT            |
| 129371   | BPKRDUANW72 | Push-in plug DN 7.2 |
| 129372   | BPKRDUALW6  | Stem, I.D. 6        |
| 129373   | BPKRDUALW9  | Stem, I.D. 9        |
| 129374   | BPKRDUALW13 | Stem, I.D. 13       |

### Metered blow gun with standard nozzle, connectable on top

| Art. No. | Type No.    | Type of connection  |
|----------|-------------|---------------------|
| 129375   | BPKRDOAG14  | G 1/4 IT            |
| 129376   | BPKRDOANW72 | Push-in plug DN 7.2 |
| 129377   | BPKRDOALW6  | Stem, I.D. 6        |
| 129378   | BPKRDOALW9  | Stem, I.D. 9        |
| 129379   | BPKRDOALW13 | Stem, I.D. 13       |



BPKRDUANW72

**Metered blow gun with rod nozzle 100 mm, connectable below**

| Art. No. | Type No.     | Type of connection  |
|----------|--------------|---------------------|
| 129380   | BPKRSDUAG14  | G 1/4 IT            |
| 129381   | BPKRSDUANW72 | Push-in plug DN 7.2 |
| 129382   | BPKRSDUALW6  | Stem, I.D. 6        |
| 129383   | BPKRSDUALW9  | Stem, I.D. 9        |
| 129384   | BPKRSDUALW13 | Stem, I.D. 13       |



BPKRSHDUANW72

**Metered blow gun with rod nozzle 100 mm, connectable on top**

| Art. No. | Type No.     | Type of connection  |
|----------|--------------|---------------------|
| 129385   | BPKRSDOAG14  | G 1/4 IT            |
| 129386   | BPKRSDOANW72 | Push-in plug DN 7.2 |
| 129387   | BPKRSDOALW6  | Stem, I.D. 6        |
| 129388   | BPKRSDOALW9  | Stem, I.D. 9        |
| 129389   | BPKRSDOALW13 | Stem, I.D. 13       |

**Metered blow gun with safety nozzle, connectable below**

| Art. No. | Type No.      | Type of connection  |
|----------|---------------|---------------------|
| 129390   | BPKRSHDUAG14  | G 1/4 IT            |
| 129391   | BPKRSHDUANW72 | Push-in plug DN 7.2 |
| 129392   | BPKRSHDUALW6  | Stem, I.D. 6        |
| 129393   | BPKRSHDUALW9  | Stem, I.D. 9        |
| 129394   | BPKRSHDUALW13 | Stem, I.D. 13       |



BPKRSHDUANW72

**Metered blow gun with safety nozzle, connectable on top**

| Art. No. | Type No.      | Type of connection  |
|----------|---------------|---------------------|
| 129395   | BPKRSHDOAG14  | G 1/4 IT            |
| 129396   | BPKRSHDOANW72 | Push-in plug DN 7.2 |
| 129397   | BPKRSHDOALW6  | Stem, I.D. 6        |
| 129398   | BPKRSHDOALW9  | Stem, I.D. 9        |
| 129399   | BPKRSHDOALW13 | Stem, I.D. 13       |



BPKRDUANW72



BPKRSDUANW72



BPKRSHDUANW72

**Extension tube (without nozzle) M12x1.25, for use with safety nozzles standard type**

| Art. No. | Type No. | Designation                     | Material  |
|----------|----------|---------------------------------|-----------|
| 117000   | VLR150   | Extension tube straight, 150 mm | Aluminium |
| 117001   | VLR300   | Extension tube straight, 300 mm | Aluminium |
| 117002   | VLR450   | Extension tube straight, 450 mm | Aluminium |
| 117003   | VLR800   | Extension tube straight, 800 mm | Aluminium |
| 117004   | VLRG150  | Extension tube bent, 150 mm     | Aluminium |
| 117005   | VLRG300  | Extension tube bent, 300 mm     | Aluminium |
| 117006   | VLRG450  | Extension tube bent, 450 mm     | Aluminium |
| 117007   | VLRG800  | Extension tube bent, 800 mm     | Aluminium |



If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force.

They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Low-noise fine-spray nozzle, M12x1.25 connection**

| Art. No. | Type No. | Material                   | Length<br>mm | Nozzle O.D.<br>mm | Diagram |
|----------|----------|----------------------------|--------------|-------------------|---------|
| 114354   | 22.101   | Nickel-plated steel, brass | 45.0         | 10                | 1       |
| 114355   | 22.102   | Nickel-plated steel, brass | 45.0         | 10                | 2       |

**Low-noise round nozzle, M12x1.25 connection**

| Art. No. | Type No.     | Material                 | Length<br>mm | Nozzle O.D.<br>mm | Diagram |
|----------|--------------|--------------------------|--------------|-------------------|---------|
| 114356   | 22.201       | Aluminium                | 55.0         | 11                | 3       |
| 114357   | 22.202       | Aluminium                | 50.0         | 10                | 4       |
| 206348   | 22.202-2     | Aluminium                | 50.0         | 12.5              | 18      |
| 114358   | 22.203       | Aluminium                | 41.0         | 13                | 5       |
| 114359   | 22.204       | Die-cast zinc            | 46.0         | 17                | 6       |
| 129880   | DLRZAM12X125 | Die-cast zinc, aluminium | 41.0         | 17                | 6       |
| 114360   | 22.205       | Plastic (POM)            | 41.0         | 17                | 7       |
| 114361   | 22.206       | Aluminium                | 35.0         | 11                | 8       |
| 114362   | 22.207       | Die-cast-zinc            | 47.0         | 19                | 9       |
| 114363   | 22.208       | Plastic (ABS)            | 55.0         | 19                | 10      |

**Low-noise flat nozzle, M12x1.25 connection**

| Art. No. | Type No. | Material            | Length<br>mm | Nozzle width<br>mm | Diagram |
|----------|----------|---------------------|--------------|--------------------|---------|
| 114364   | 22.401   | Nickel-plated brass | 100.0        | 21.5               | 11      |
| 114365   | 22.402   | Nickel-plated brass | 100.0        | 29.0               | 12      |
| 114366   | 22.403   | Nickel-plated brass | 100.0        | 21.0               | 13      |

⇒ For noise, air consumption and blowing force values, see diagrams 1-17 on the following pages.



**Standard nozzle with  $\varnothing$  1.5 mm bore, M12x1.25 connection**

| Art. No. | Type No. | Material  | Description  |
|----------|----------|-----------|--|
| 114344   | 105/5    | Aluminium | With a central bore, a sharp beam with high blowing force, noise level above 90 dB(A), at pressures of 4 bar |

**Silencer nozzle, M12x1.25 connection**

| Art. No. | Type No. | Material  | Description  |
|----------|----------|-----------|--|
| 114345   | 106/6    | Aluminium | With sintered metal insert, extremely low noise, noise consistently below 70 dB(A), wide beam with low air blowing force |

**Nozzle with chip shield, M12x1.25 connection**

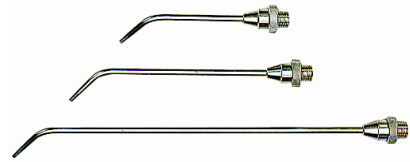
| Art. No. | Type No. | Material  |
|----------|----------|-----------|
| 114346   | 107/6    | Aluminium |



### Extension nozzles for blowing out inaccessible points directly.

#### Extension nozzles, nozzle bore 3.0 mm, nickel-plated brass

| Art. No | Type No. | Nozzle type           |
|---------|----------|-----------------------|
| 114347  | 22/100   | 100 mm long, angled   |
| 114348  | 22/150   | 150 mm long, angled   |
| 114349  | 22/250   | 250 mm long, angled   |
| 114350  | 23/100   | 100 mm long, straight |
| 114351  | 23/150   | 150 mm long, straight |
| 114352  | 23/250   | 250 mm long, straight |
| 114353  | 23/400   | 400 mm long, straight |



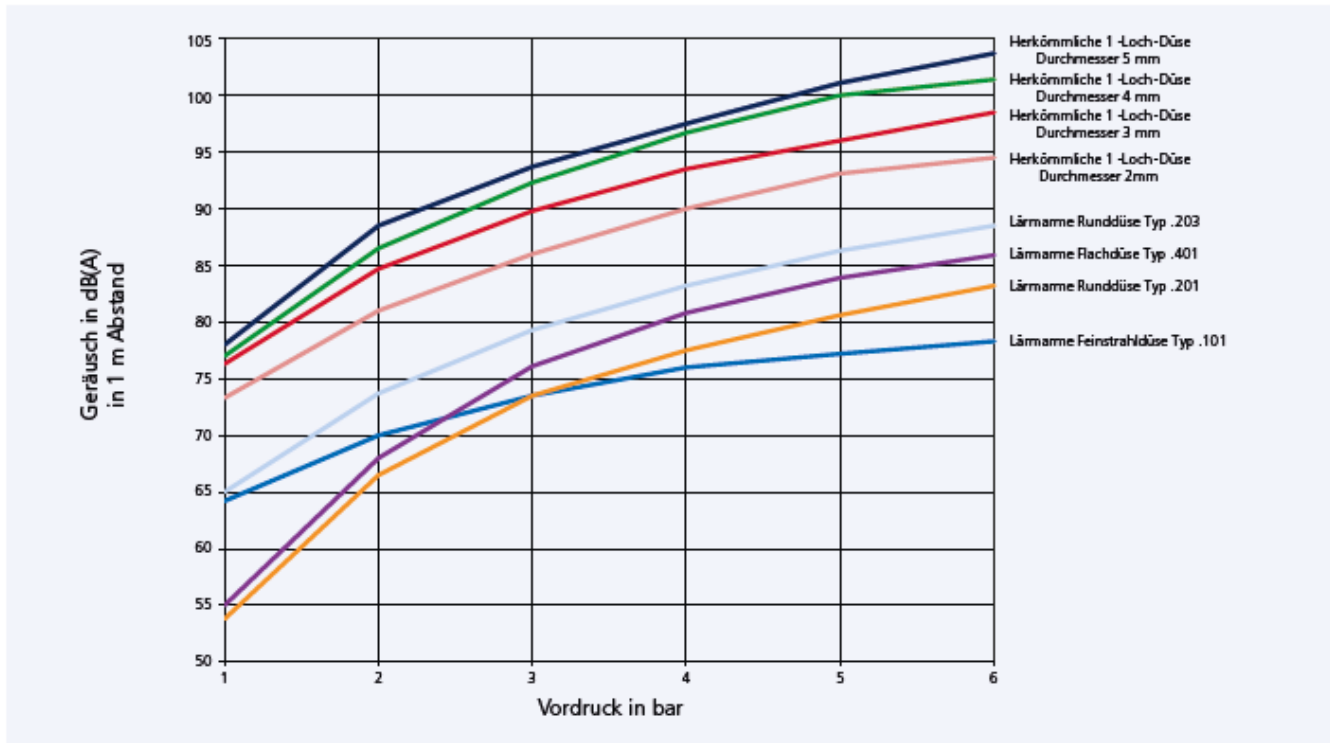
### Air flow nozzle regulates the air flow and reduces the pressure by turning the nozzle ring.

#### Extension nozzles, nozzle bore 3.0 mm, nickel-plated brass

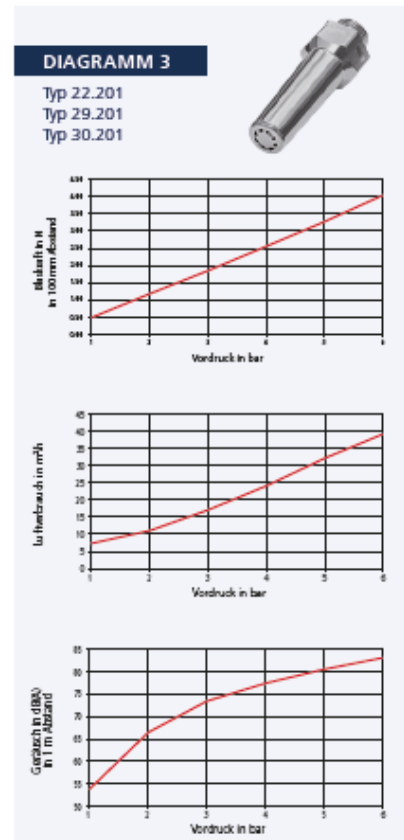
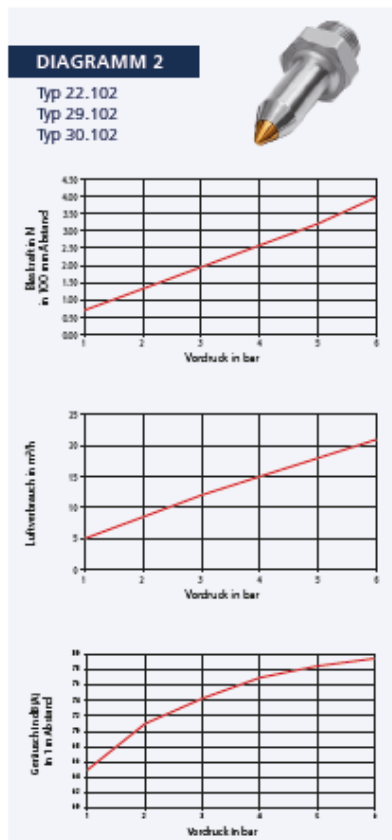
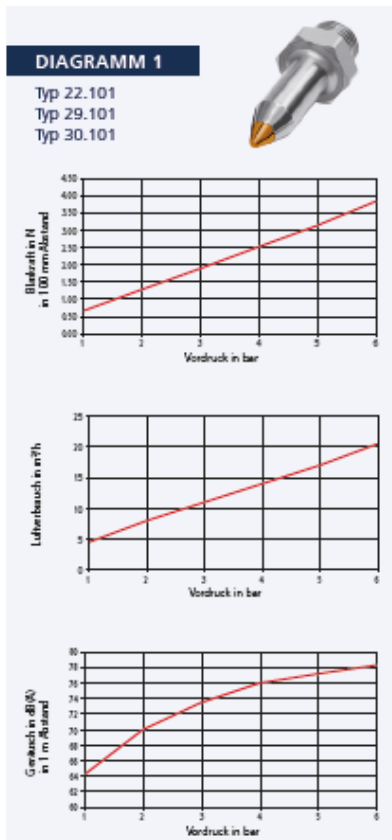
| Art. No | Type No. | Material        |
|---------|----------|-----------------|
| 114367  | 109/44   | Aluminium / POM |

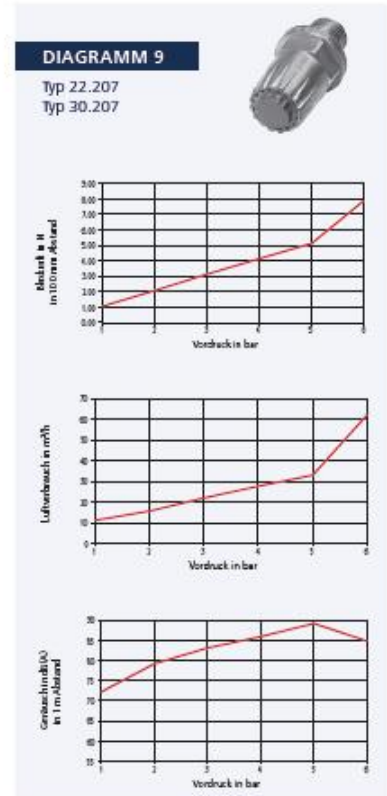
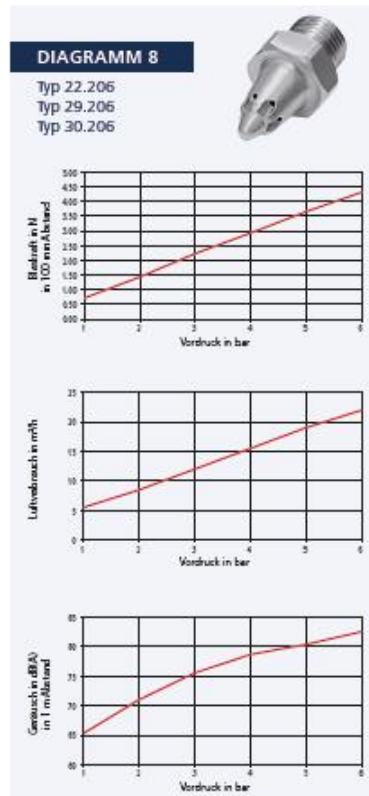
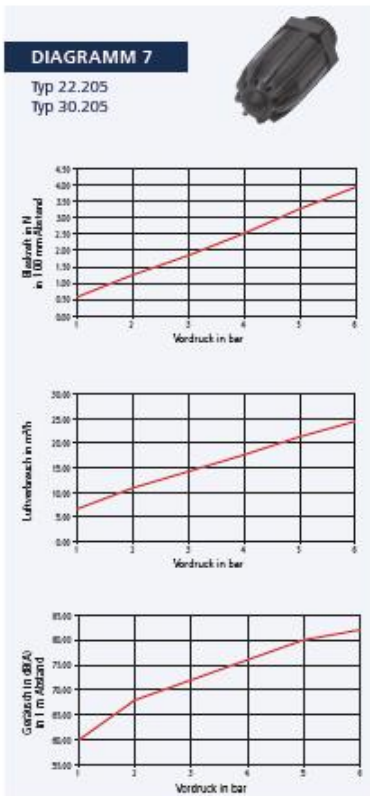
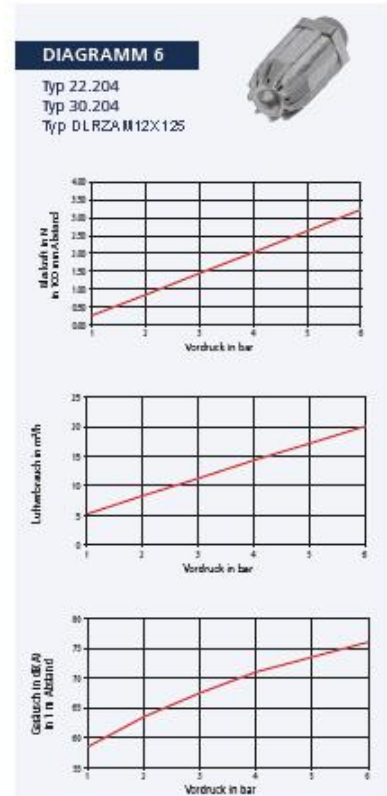
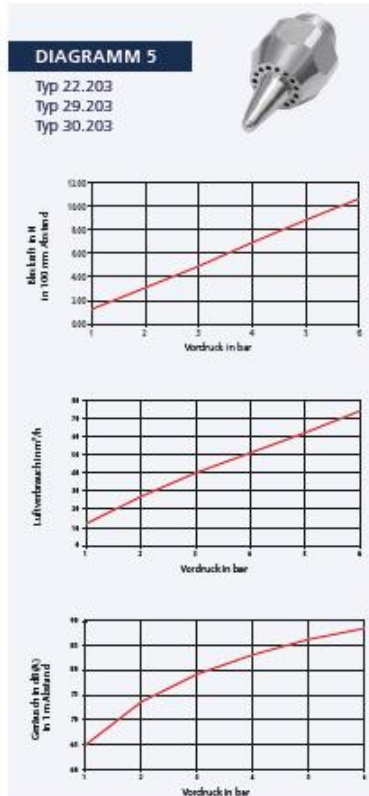
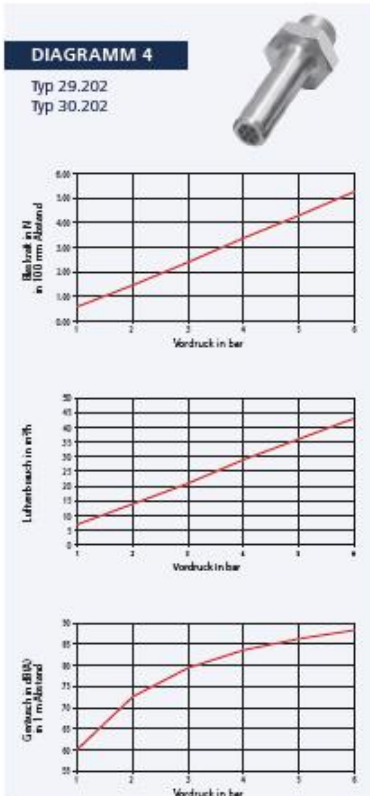


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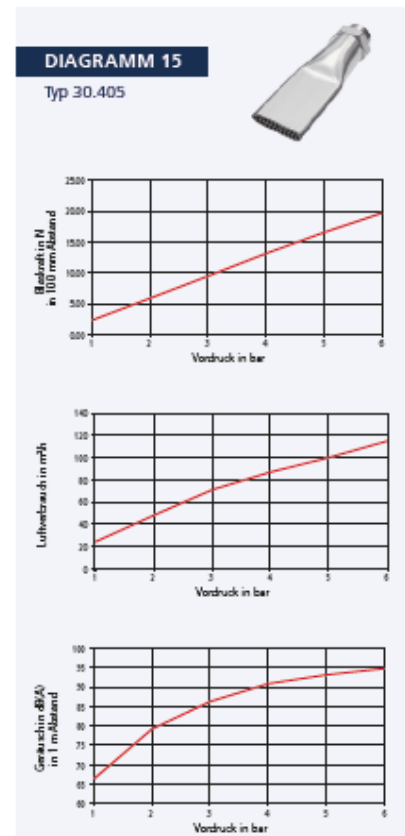
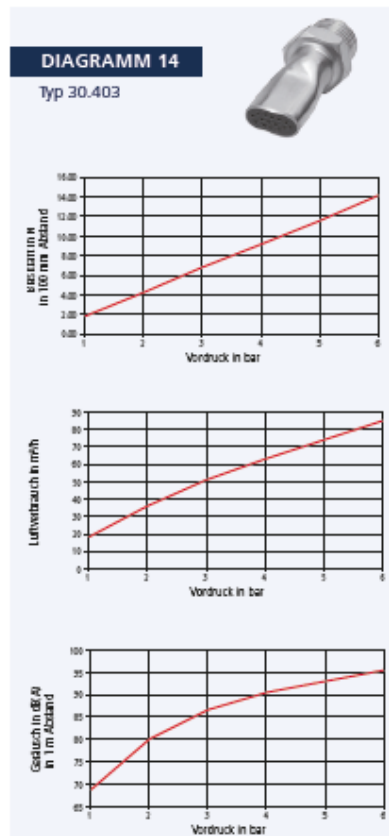
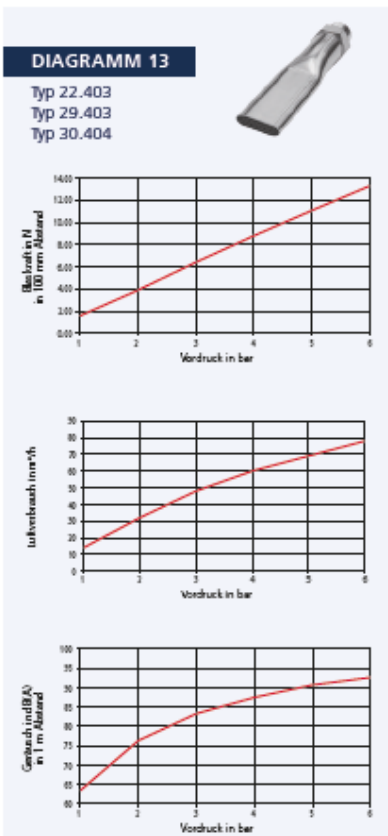
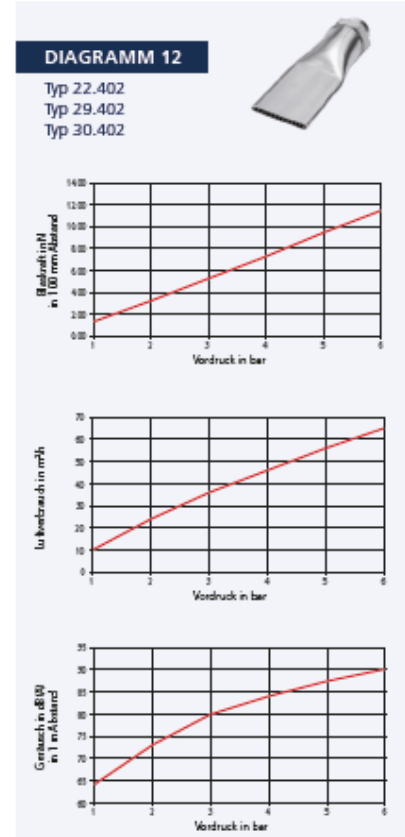
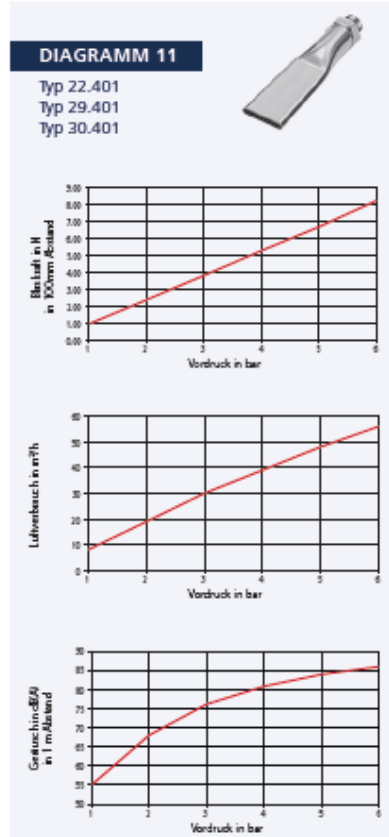
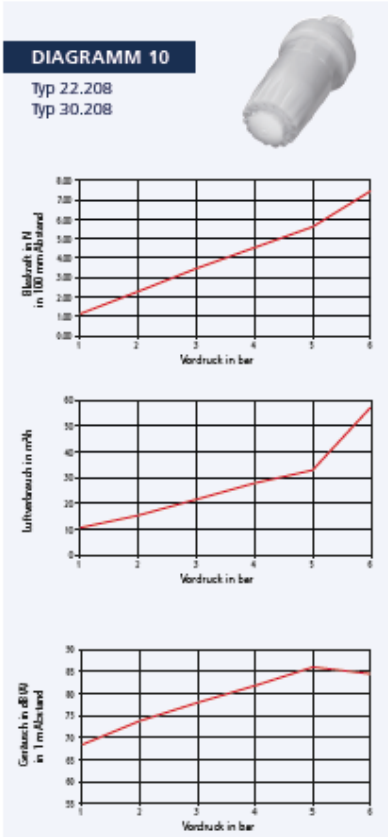


## Sicherheitsdüsendiagramme

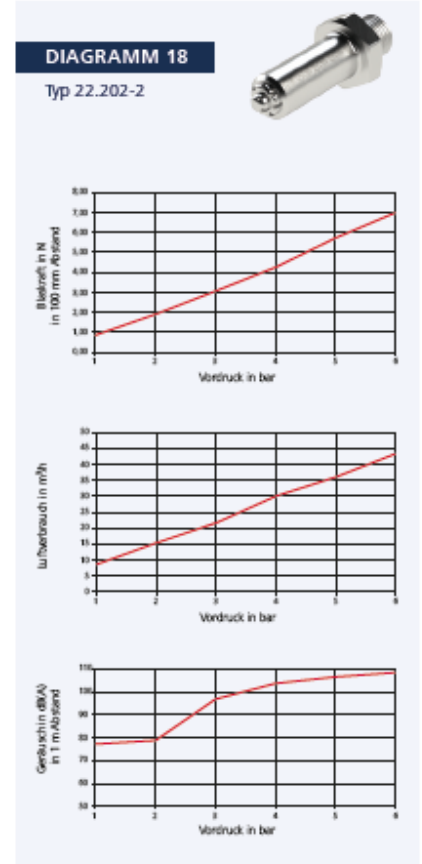
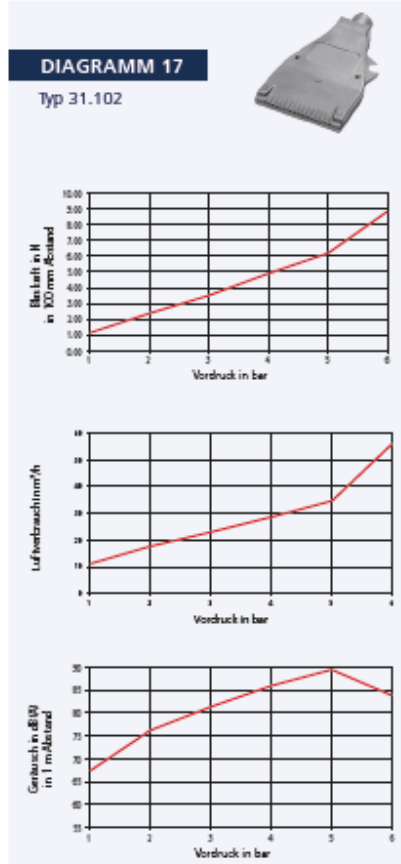
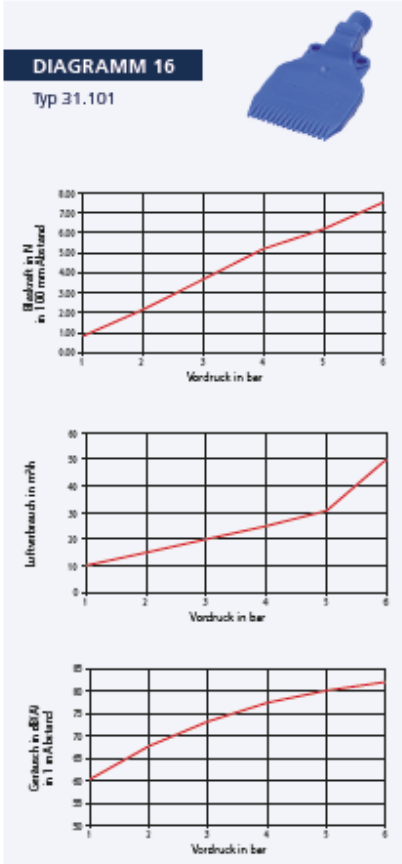




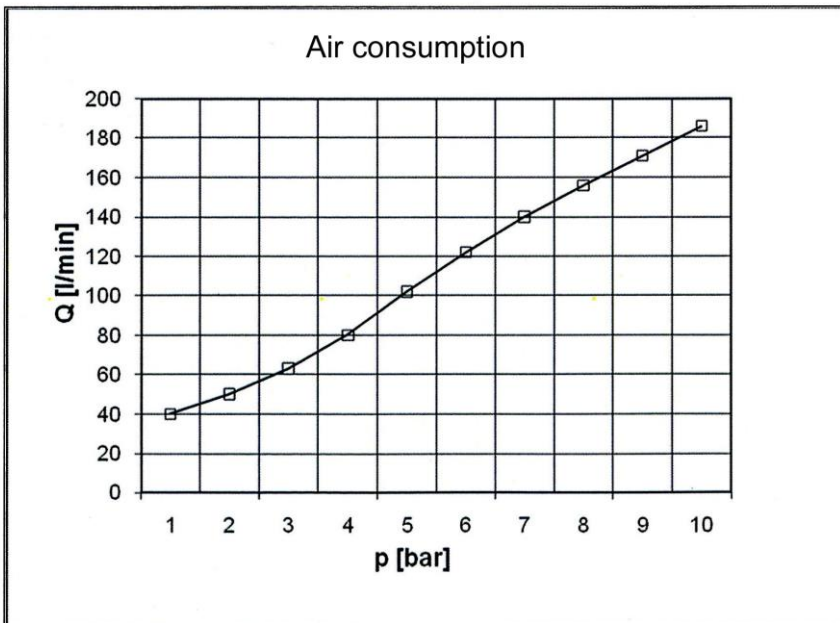
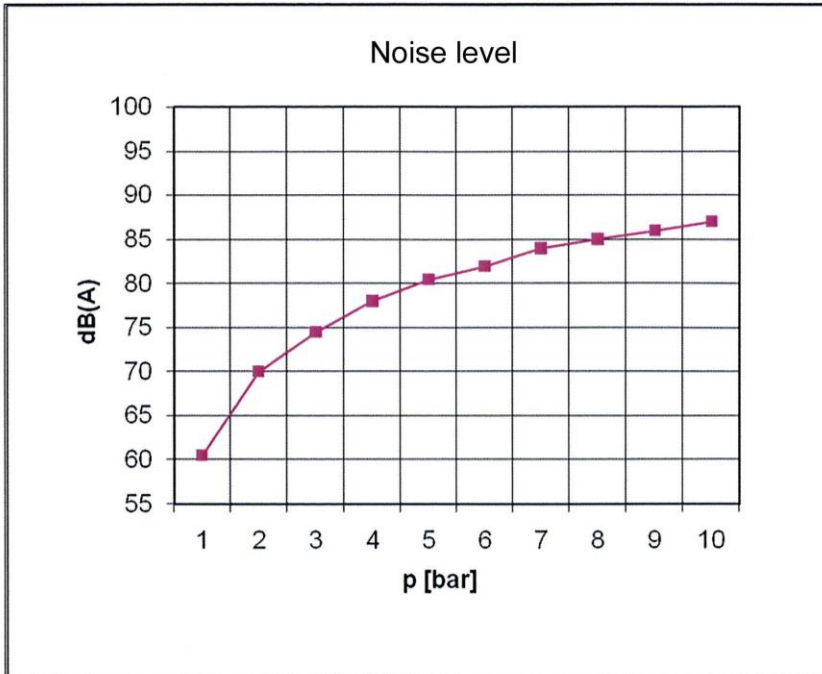




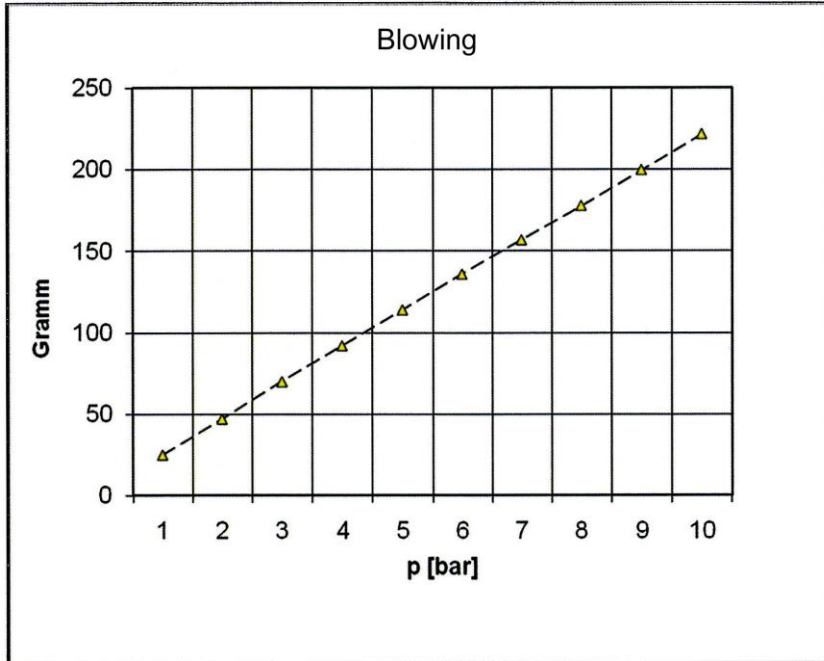




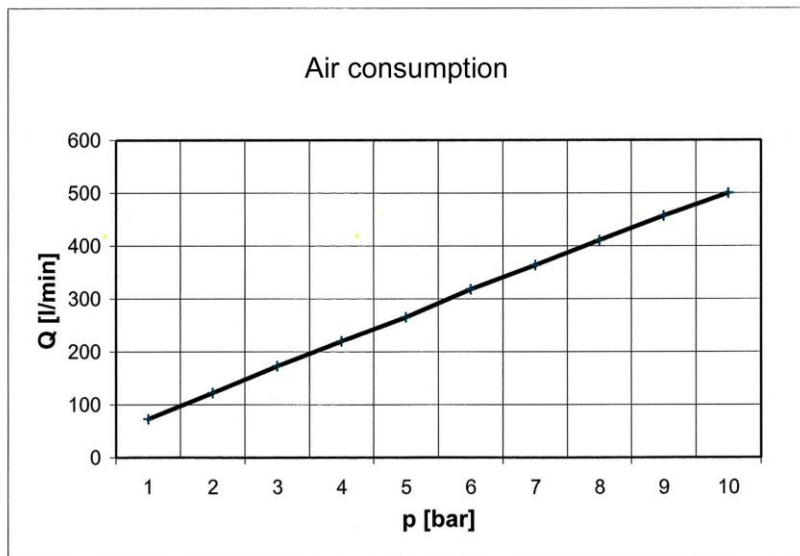
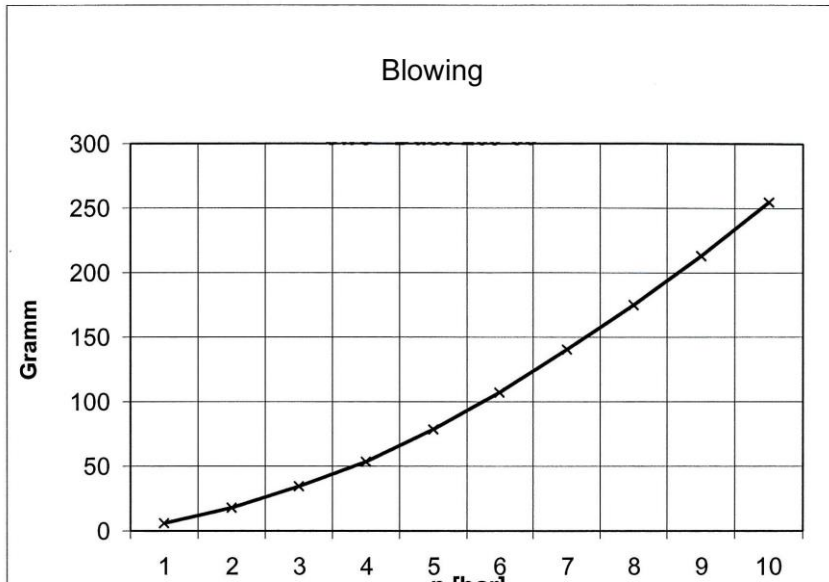
Flow rates for Standard nozzles Art. No. 114344



Flow rates for Standard nozzles Art. No. 105/5:



## Flow rates for Silencer nozzles Art. No. 11434



For the Nozzle with chip shield **Art. No. 114346** there no flow rate measurements. Therefore we have no values available.