

Netzdaten

| | |
|-------------------|----------------------|
| Bezeichnung | ABLUFT Küche |
| Modus | Dimensionieren |
| Berechnung | Druck- und Saugseite |
| Medium | Luft |
| mittl. Temperatur | 20,0 °C |

Ergebnisse

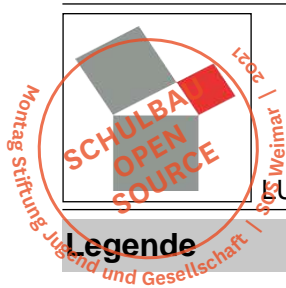
| | |
|---------------|------------------------|
| Volumenstrom | 2650 m ³ /h |
| Totaler Druck | 215 Pa |

Druckseite

| | |
|---------------------|----------|
| Luftgeschwindigkeit | 2,94 m/s |
| Statischer Druck | 61 Pa |
| Totaler Druck | 66 Pa |

Saugseite

| | |
|---------------------|----------|
| Luftgeschwindigkeit | 2,94 m/s |
| Statischer Druck | -154 Pa |
| Totaler Druck | -149 Pa |



Legende

Rohre, Kanäle

| | |
|-------|-----------------|
| Kanal | Kanal |
| Rohr | Rohr |
| Kflex | Kanal, flexibel |
| Rflex | Rohr, flexibel |

Bögen

| | |
|-------|------------------------|
| KBsym | Bogen, symmetrisch |
| KBÜ | Bogenübergang |
| KWsym | Winkel, symmetrisch |
| KWÜ | Winkelübergang |
| RBqla | Rohrbogen, qlatt |
| RBseq | Rohrbogen, segmentiert |

Übergänge

| | |
|-------|---------------------------|
| KEta | Etage |
| KEtaÜ | Etagenübergang |
| REta | Rohretage |
| KÜsym | Übergang, symmetrisch |
| KÜasy | Übergang, asymmetrisch |
| RÜsym | Reduzierung, symmetrisch |
| RÜasy | Reduzierung, asymmetrisch |
| KÜstu | Kanalübergang, stumpf |
| RÜstu | Rohrübergang, stumpf |
| KRÜsy | Kanal-Rohrübergang, sym. |
| KRÜas | Kanal-Rohrübergang, asym. |

Abzweige

| | |
|-------|----------------------------|
| KT | T-Stück, gerade |
| KTÜ | T-Stück, schräg |
| RTS | T-Sattelstück |
| RTSÜ | T-Sattelstück, reduz. |
| RTSK | T-Sattelstück, eckig |
| RTSS | T-Sattelstützen |
| RTSSÜ | T-Sattelstützen, reduz. |
| KTaK | Kanalausschnitt, eckig |
| KTaR | Kanalausschnitt, rund |
| RTaK | Rohrausschnitt, rechteckig |
| RTaR | Rohrausschnitt, rund |
| KH | Hosenstück, eckig |
| RHsym | Hosenstück, rund |
| RHasy | Hosenstück, rund asym. |

Ergebnisse

| | |
|-------------|---|
| pStatisch | Statischer Druck |
| pTotal | Totaler Druck |
| pElem | Gesamtdruckabfall der Strecke inklusive Objekte |
| pDross | Abzudrosselnder Druck |
| pDrossSumme | Summe der abzudrosselnden Drücke |

Kreuzungen

| | |
|-------|--------------------------------------|
| KXaKK | X-Kanalausschnitt, eckig, beidseitig |
| KXaRR | X-Kanalausschnitt, rund, beidseitig |
| KXaRK | X-Kanalausschnitt, eckig/rund |
| RXS | X-Sattelstück |
| RXSÜ | X-Sattelstück, reduz. |
| RXSS | X-Sattelstützen |
| RXSSÜ | X-Sattelstützen, reduz. |
| RXaRR | X-Rohrausschnitt, rund, beidseitig |
| RXaKK | X-Rohrausschnitt, eckig, beidseitig |
| RXaRK | X-Rohrausschnitt, eckig/rund |

Separatoren

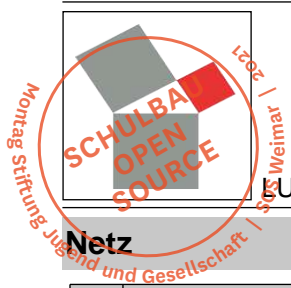
| | |
|-------|--|
| KSTb | Separator, Teilung in b |
| KSTa | Separator, Teilung in a |
| KSXb | X-Separator, Teilungen in b |
| KSXa | X-Separator, Teilungen in a |
| KSXbO | X-Separator, Doppelteilung in b oben |
| KSXaR | X-Separator, Doppelteilung in a rechts |
| KSXbU | X-Separator, Doppelteilung in b unten |
| KSXaL | X-Separator, Doppelteilung in a links |

Aus-, Einlässe

| | |
|------|--------------------------|
| KLa | Luftdurchlass Kanal |
| RLa | Luftdurchlass Rohr |
| KGiB | Kanal Gitterboden |
| RGiB | Rohr Gitterboden |
| KGi1 | Kanal Gitter, einseitig |
| KGi2 | Kanal Gitter, beidseitig |
| RGi1 | Rohr Gitter, einseitig |
| RGi2 | Rohr Gitter, beidseitig |

Sonstige

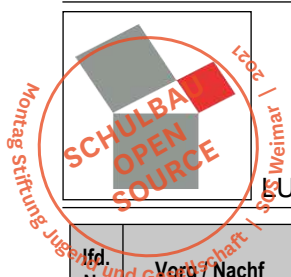
| | |
|-------|------------------|
| KBod | Boden |
| RBod | Rohr-Enddeckel |
| KKomp | Kanal-Komponente |
| RKomp | Rohr-Komponente |
| KVent | Kanal-Ventilator |
| RVent | Rohr-Ventilator |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

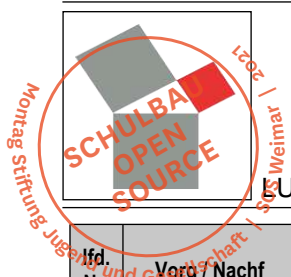
Netz

| lfd. Nr. | Vorg / Nachf | ObjNr | Typ | b | a/DN | Länge | Vol | w | Gleichzeitigk. | tLuft | RWert | pStatisch | pTotal | pElem | pDross | pDross Summe |
|----------|--------------|-------|-------|------|------|-------|------|------|----------------|-------|-------|-----------|--------|-------|--------|--------------|
| | | | | [mm] | [mm] | | | | | | | | | | | |
| 1 | -/2 | 1712 | KVent | 500 | 500 | | 2650 | 2,94 | | 20,0 | | 61 | 215 | | | 0 |
| 2 | 1/3 | 1674 | Kanal | 500 | 500 | 1,30 | 2650 | 2,94 | 1,0000 | 9,1 | 0,20 | -154 | -149 | 0 | 0 | 0 |
| 3 | 2/4 | 1709 | KÜasy | 500 | 500 | | 2650 | 2,94 | | 9,1 | | -154 | -149 | | | 0 |
| 4 | 3/5 | 1710 | Kanal | 750 | 300 | 2,12 | 2650 | 3,27 | 1,0000 | 9,1 | 0,29 | -155 | -149 | -1 | 0 | 0 |
| 5 | 4/6 | 1791 | KBsym | 300 | 750 | | 2650 | 3,27 | | 9,1 | | -154 | -148 | | | 0 |
| 6 | 5/7 | 1790 | Kanal | 750 | 300 | 2,28 | 2650 | 3,27 | 1,0000 | 9,1 | 0,29 | -152 | -146 | 3 | 0 | 0 |
| 7 | 6/8 | 1793 | KBsym | 300 | 750 | | 2650 | 3,27 | | 9,1 | | -151 | -145 | | | 0 |
| 8 | 7/9 | 1768 | Kanal | 750 | 300 | 0,75 | 2650 | 3,27 | 1,0000 | 9,1 | 0,29 | -149 | -143 | 3 | 0 | 0 |
| 9 | 8/10 | 1784 | KBÜ | 750 | 300 | | 2650 | 3,27 | | 9,1 | | -149 | -142 | | | 0 |
| 10 | 9/11 | 1770 | Kanal | 600 | 300 | 1,26 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -147 | -137 | 3 | 0 | 0 |
| 11 | 10/12 | 1795 | KBsym | 600 | 300 | | 2650 | 4,09 | | 9,1 | | -146 | -136 | | | 0 |
| 12 | 11/13 | 1772 | Kanal | 600 | 300 | 1,93 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -140 | -130 | 7 | 0 | 0 |
| 13 | 12/14 | 1796 | KBsym | 600 | 300 | | 2650 | 4,09 | | 9,1 | | -139 | -129 | | | 0 |
| 14 | 13/15 | 1779 | Kanal | 600 | 300 | 1,55 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -132 | -122 | 7 | 0 | 0 |
| 15 | 14/16 | 1797 | KBsym | 300 | 600 | | 2650 | 4,09 | | 9,1 | | -132 | -122 | | | 0 |
| 16 | 15/17 | 1372 | Kanal | 600 | 300 | 1,71 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -128 | -118 | 4 | 0 | 0 |
| 17 | 16/18 | 1701 | KKomp | 600 | 300 | | 2650 | 4,09 | | 9,1 | | -128 | -118 | 8 | | 0 |
| 18 | 17/19 | 1702 | Kanal | 600 | 300 | 1,29 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -119 | -109 | 1 | 0 | 0 |
| 19 | 18/20 | 1697 | KKomp | 600 | 300 | | 2650 | 4,09 | | 9,1 | | -118 | -109 | 5 | | 0 |
| 20 | 19/21 | 1698 | Kanal | 600 | 300 | 4,80 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -113 | -104 | 2 | 0 | 0 |
| 21 | 20/22 | 1843 | KBsym | 300 | 600 | | 2650 | 4,09 | | 9,1 | | -111 | -101 | | | 0 |
| 22 | 21/23 | 1373 | Kanal | 600 | 300 | 1,53 | 2650 | 4,09 | 1,0000 | 9,1 | 0,47 | -108 | -98 | 4 | 0 | 0 |
| 23 | 22/24+72 | 1384 | KT | 600 | 300 | | 2650 | 4,09 | | 9,1 | | -107 | -97 | | | 0 |
| 24 | 23/25 | 1385 | Kanal | 600 | 300 | 0,48 | 1200 | 1,85 | 1,0000 | 20,0 | 0,11 | -96 | -94 | 11 | 0 | 0 |
| 25 | 24/26 | 1387 | KÜasy | 600 | 300 | | 1200 | 1,85 | | 20,0 | | -96 | -94 | | | 0 |
| 26 | 25/27 | 1388 | Kanal | 400 | 200 | 1,30 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -102 | -91 | -5 | 0 | 0 |
| 27 | 26/28 | 2766 | KKomp | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -101 | -90 | 9 | | 0 |
| 28 | 27/29 | 2767 | Kanal | 400 | 200 | 0,85 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -92 | -81 | 1 | 0 | 0 |
| 29 | 28/30 | 2617 | KBsym | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -91 | -81 | | | 0 |
| 30 | 29/31 | 2616 | Kanal | 400 | 200 | 0,43 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -85 | -75 | 6 | 0 | 0 |
| 31 | 30/32 | 2618 | KEta | 200 | 400 | 0,60 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -85 | -75 | 17 | 0 | 0 |
| 32 | 31/33 | 2614 | Kanal | 400 | 200 | 0,50 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -69 | -58 | 16 | 0 | 0 |
| 33 | 32/34 | 2732 | KBsym | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -68 | -58 | | | 0 |
| 34 | 33/35 | 2730 | Kanal | 400 | 200 | 0,60 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -62 | -52 | 6 | 0 | 0 |
| 35 | 34/36 | 2729 | KKomp | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -62 | -52 | 0 | | 0 |
| 36 | 35/37 | 2725 | Kanal | 400 | 200 | 0,29 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -62 | -52 | 0 | 0 | 0 |
| 37 | 36/38 | 2724 | KKomp | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -62 | -51 | 14 | | 0 |
| 38 | 37/39 | 2735 | Kanal | 400 | 200 | 0,30 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -48 | -37 | 0 | 0 | 0 |
| 39 | 38/40 | 2734 | KKomp | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -48 | -37 | 0 | | 0 |
| 40 | 39/41 | 2602 | Kanal | 400 | 200 | 0,46 | 1200 | 4,17 | 1,0000 | 20,0 | 0,80 | -48 | -37 | 0 | 0 | 0 |
| 41 | 40/51+42 | 2727 | KT | 400 | 200 | | 1200 | 4,17 | | 20,0 | | -47 | -37 | | | 0 |
| 42 | 41/43 | 2613 | Kanal | 300 | 200 | 0,77 | 600 | 2,78 | 1,0000 | 20,0 | 0,44 | -20 | -15 | 28 | 0 | 0 |
| 43 | 42/44+66 | 2645 | KTaR | 200 | 300 | | 600 | 2,78 | | 20,0 | | -19 | -15 | | | 0 |
| 44 | 43/45 | 2646 | Kanal | 300 | 200 | 1,20 | 400 | 1,85 | 1,0000 | 20,0 | 0,21 | -15 | -13 | 5 | 0 | 0 |
| 45 | 44/46+60 | 2657 | KTaR | 200 | 300 | | 400 | 1,85 | | 20,0 | | -15 | -13 | | | 0 |
| 46 | 45/47 | 2658 | Kanal | 300 | 200 | 1,20 | 200 | 0,93 | 1,0000 | 20,0 | 0,06 | -12 | -12 | 3 | 0 | 0 |
| 47 | 46/84+48 | 2661 | KTaR | 200 | 300 | | 200 | 0,93 | | 20,0 | | -12 | -11 | | | 0 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| lfd. Nr. | Vorg / Nachf | ObjNr | Typ | b | a/DN | Länge | Vol | w | Gleichzeitigk. | tLuft | RWert | pStatisch | pTotal | pElem | pDross | pDross Summe |
|----------|--------------|-------|-------|------|------|-------|--------|-------|----------------|-------|--------|-----------|--------|-------|--------|--------------|
| | | | | [mm] | [mm] | [m] | [m³/h] | [m/s] | | [°C] | [Pa/m] | [Pa] | [Pa] | [Pa] | [Pa] | [Pa] |
| 48 | 47/49 | 2660 | Rohr | | 160 | 0,12 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 1 | 0 | 0 |
| 49 | 48/50 | 2674 | Rflex | | 160 | 0,33 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 0 | 0 | 0 |
| 50 | 49/- | 2587 | RLa | | 160 | | 200 | 2,76 | | 20,0 | | -11 | -7 | 0 | | 0 |
| 51 | 41/52 | 2639 | Kanal | 300 | 200 | 0,43 | 600 | 2,78 | 1,0000 | 20,0 | 0,44 | -20 | -15 | 28 | 0 | 0 |
| 52 | 51/53+69 | 2638 | KTaR | 200 | 300 | | 600 | 2,78 | | 20,0 | | -19 | -15 | | | 0 |
| 53 | 52/54 | 2632 | Kanal | 300 | 200 | 1,20 | 400 | 1,85 | 1,0000 | 20,0 | 0,21 | -15 | -13 | 5 | 0 | 0 |
| 54 | 53/55+63 | 2631 | KTaR | 200 | 300 | | 400 | 1,85 | | 20,0 | | -15 | -13 | | | 0 |
| 55 | 54/56 | 2625 | Kanal | 300 | 200 | 1,20 | 200 | 0,93 | 1,0000 | 20,0 | 0,06 | -12 | -12 | 3 | 0 | 0 |
| 56 | 55/82+57 | 2624 | KTaR | 200 | 300 | | 200 | 0,93 | | 20,0 | | -12 | -11 | | | 0 |
| 57 | 56/58 | 2623 | Rohr | | 160 | 0,12 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 1 | 0 | 0 |
| 58 | 57/59 | 2669 | Rflex | | 160 | 0,33 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 0 | 0 | 0 |
| 59 | 58/- | 2569 | RLa | | 160 | | 200 | 2,76 | | 20,0 | | -11 | -7 | 0 | | 0 |
| 60 | 45/61 | 2656 | Rohr | | 160 | 0,12 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -8 | 2 | 1 | 1 |
| 61 | 60/62 | 2673 | Rflex | | 160 | 0,33 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 0 | 0 | 1 |
| 62 | 61/- | 2565 | RLa | | 160 | | 200 | 2,76 | | 20,0 | | -11 | -7 | 0 | | 1 |
| 63 | 54/64 | 2630 | Rohr | | 160 | 0,12 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -8 | 2 | 1 | 1 |
| 64 | 63/65 | 2670 | Rflex | | 160 | 0,33 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 0 | 0 | 1 |
| 65 | 64/- | 2568 | RLa | | 160 | | 200 | 2,76 | | 20,0 | | -11 | -7 | 0 | | 1 |
| 66 | 43/67 | 2644 | Rohr | | 160 | 0,12 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -15 | -10 | 5 | 3 | 3 |
| 67 | 66/68 | 2672 | Rflex | | 160 | 0,33 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 0 | 0 | 3 |
| 68 | 67/- | 2567 | RLa | | 160 | | 200 | 2,76 | | 20,0 | | -11 | -7 | 0 | | 3 |
| 69 | 52/70 | 2637 | Rohr | | 160 | 0,12 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -15 | -10 | 5 | 3 | 3 |
| 70 | 69/71 | 2671 | Rflex | | 160 | 0,33 | 200 | 2,76 | 1,0000 | 20,0 | 0,72 | -12 | -7 | 0 | 0 | 3 |
| 71 | 70/- | 2566 | RLa | | 160 | | 200 | 2,76 | | 20,0 | | -11 | -7 | 0 | | 3 |
| 72 | 23/73 | 1383 | Kanal | 270 | 300 | 0,66 | 1450 | 4,97 | 1,0000 | 0,0 | 1,03 | -96 | -81 | 12 | 21 | 21 |
| 73 | 72/74 | 1618 | KKomp | 270 | 300 | | 1450 | 4,97 | | 0,0 | | -75 | -60 | 45 | | 21 |
| 74 | 73/75 | 1619 | Kanal | 270 | 300 | 1,14 | 1450 | 4,97 | 1,0000 | 0,0 | 1,03 | -30 | -15 | 1 | 0 | 21 |
| 75 | 74/76 | 1391 | KBsym | 270 | 300 | | 1450 | 4,97 | | 0,0 | | -29 | -14 | | | 21 |
| 76 | 75/77 | 1390 | Kanal | 270 | 300 | 0,75 | 1450 | 4,97 | 1,0000 | 0,0 | 1,03 | -24 | -9 | 6 | 0 | 21 |
| 77 | 76/78 | 2382 | KBsym | 300 | 270 | | 1450 | 4,97 | | 0,0 | | -23 | -8 | | | 21 |
| 78 | 77/79 | 1364 | Kanal | 270 | 300 | 0,94 | 1450 | 4,97 | 1,0000 | 0,0 | 1,03 | -17 | -3 | 6 | 0 | 21 |
| 79 | 78/80 | 1363 | KÜasy | 270 | 300 | | 1450 | 4,97 | | 0,0 | | -16 | -2 | | | 21 |
| 80 | 79/81 | 1359 | Kanal | 2400 | 1300 | 0,15 | 1450 | 0,13 | 1,0000 | 0,0 | 0,00 | 0 | 0 | 16 | 0 | 21 |
| 81 | 80/- | 1362 | KGiB | 2400 | 1300 | | 1450 | 0,13 | | 0,0 | | 0 | 0 | 0 | | 21 |
| 82 | 56/83 | 2592 | Kanal | 300 | 200 | 0,34 | 0 | 0,00 | 1,0000 | 20,0 | 0,00 | 0 | 0 | 0 | 0 | 0 |
| 83 | 82/- | 2621 | KBod | 300 | 200 | | 0 | 0,00 | | 20,0 | | 0 | 0 | | | 0 |
| 84 | 47/85 | 2662 | Kanal | 300 | 200 | 0,29 | 0 | 0,00 | 1,0000 | 20,0 | 0,00 | 0 | 0 | 0 | 0 | 0 |
| 85 | 84/- | 2622 | KBod | 300 | 200 | | 0 | 0,00 | | 20,0 | | 0 | 0 | | | 0 |
| 1 | -/86 | 1712 | KVent | 500 | 500 | | 2650 | 2,94 | | 20,0 | | 61 | 215 | | | 0 |
| 86 | 1/87 | 1675 | Kanal | 500 | 500 | 1,76 | 2650 | 2,94 | 1,0000 | 20,0 | 0,20 | 61 | 66 | 0 | 0 | 0 |
| 87 | 86/88 | 1713 | KÜasy | 500 | 500 | | 2650 | 2,94 | | 20,0 | | 60 | 65 | | | 0 |
| 88 | 87/89 | 1714 | Kanal | 800 | 750 | 1,82 | 2650 | 1,23 | 1,0000 | 20,0 | 0,02 | 63 | 64 | -3 | 0 | 0 |
| 89 | 88/90 | 1722 | KBÜ | 750 | 800 | | 2650 | 1,23 | | 20,0 | | 63 | 64 | | | 0 |
| 90 | 89/91 | 1679 | Kanal | 800 | 300 | 1,99 | 2650 | 3,07 | 1,0000 | 20,0 | 0,25 | 57 | 63 | 6 | 0 | 0 |
| 91 | 90/92 | 1831 | KBsym | 300 | 800 | | 2650 | 3,07 | | 20,0 | | 57 | 62 | | | 0 |
| 92 | 91/93 | 1826 | Kanal | 800 | 300 | 2,11 | 2650 | 3,07 | 1,0000 | 20,0 | 0,25 | 55 | 60 | 3 | 0 | 0 |
| 93 | 92/94 | 1828 | KKomp | 800 | 300 | | 2650 | 3,07 | | 20,0 | | 54 | 60 | 5 | | 0 |
| 94 | 93/95 | 1829 | Kanal | 800 | 300 | 1,43 | 2650 | 3,07 | 1,0000 | 20,0 | 0,25 | 49 | 55 | 0 | 0 | 0 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

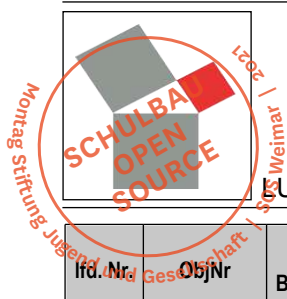
| lfd. Nr. | Vorg / Nachf | ObjNr | Typ | b | a/DN | Länge | Vol | w | Gleichzeitigk. | tLuft | RWert | pStatisch | pTotal | pElem | pDross | pDross Summe |
|----------|--------------|-------|-------|------|------|-------|------|------|----------------|-------|--------|-----------|--------|--------|--------|--------------|
| | | | | [mm] | [mm] | | | | | [m] | [m³/h] | [m/s] | [°C] | [Pa/m] | [Pa] | [Pa] |
| 95 | 94/96 | 1832 | KÜasy | 800 | 300 | | 2650 | 3,07 | | 20,0 | | 49 | 55 | | | 0 |
| 96 | 95/97 | 1833 | Kanal | 400 | 400 | 1,31 | 2650 | 4,60 | 1,0000 | 20,0 | 0,59 | 41 | 54 | 9 | 0 | 0 |
| 97 | 96/98 | 1835 | KBsym | 400 | 400 | | 2650 | 4,60 | | 20,0 | | 40 | 53 | | | 0 |
| 98 | 97/99 | 1834 | Kanal | 400 | 400 | 1,79 | 2650 | 4,60 | 1,0000 | 20,0 | 0,59 | 35 | 48 | 6 | 0 | 0 |
| 99 | 98/- | 1837 | KLa | 400 | 400 | | 2650 | 4,60 | | 20,0 | | 34 | 47 | 0 | | 0 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

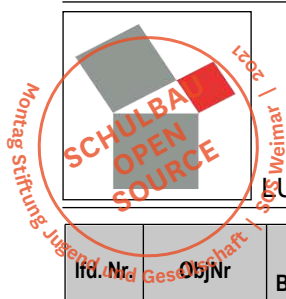
Netz detailliert

| lfd. Nr. | ObjNr | Typ/ Bauteil | Herst | Material/ Gruppe | Prod. | Öfn. | b | a/ DN | Ges. Zeta | Ges. Druck [Pa] | Zus. Zeta | Zus. Druck [Pa] | Vol [m³/h] | w [m/s] |
|----------|-------|-----------------|-------|---------------------|-------|------|------|-------|--------------|-----------------------|--------------|-----------------------|---------------|------------|
| | | | | | | | [mm] | [mm] | | | | | | |
| 1 | 1712 | KVent | IBH | BK | | | 500 | 500 | 0,00 | 0 | 0,00 | 0 | 2650 | 2,94 |
| 2 | 1674 | Kanal | IBH | BK | | | 500 | 500 | 0,00 | 0 | 0,00 | 0 | 2650 | 2,94 |
| 3 | 1709 | KÜasy | IBH | BK | | 1 | 500 | 500 | 0,00 | 0 | 0,00 | 0 | 2650 | 2,94 |
| | | | | | | 2 | 750 | 300 | -0,18 | -1 | 0,00 | 0 | | |
| 4 | 1710 | Kanal | IBH | BK | | | 750 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,27 |
| 5 | 1791 | KBsym | IBH | BK | | 1 | 300 | 750 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,27 |
| | | | | | | 2 | 750 | 300 | 0,36 | 2 | 0,00 | 0 | | |
| 6 | 1790 | Kanal | IBH | BK | | | 750 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,27 |
| 7 | 1793 | KBsym | IBH | BK | | 1 | 300 | 750 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,27 |
| | | | | | | 2 | 750 | 300 | 0,36 | 2 | 0,00 | 0 | | |
| 8 | 1768 | Kanal | IBH | BK | | | 750 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,27 |
| 9 | 1784 | KBÜ | IBH | BK | | 1 | 750 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,27 |
| | | | | | | 2 | 600 | 300 | 0,21 | 2 | 0,00 | 0 | | |
| 10 | 1770 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 11 | 1795 | KBsym | IBH | BK | | 1 | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| | | | | | | 2 | 600 | 300 | 0,65 | 6 | 0,00 | 0 | | |
| 12 | 1772 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 13 | 1796 | KBsym | IBH | BK | | 1 | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| | | | | | | 2 | 600 | 300 | 0,65 | 6 | 0,00 | 0 | | |
| 14 | 1779 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 15 | 1797 | KBsym | IBH | BK | | 1 | 600 | 300 | 0,34 | 3 | 0,00 | 0 | 2650 | 4,09 |
| | | | | | | 2 | 300 | 600 | 0,00 | 0 | 0,00 | 0 | | |
| 16 | 1372 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 17 | 1701 | KKomp | STD | SD | 01 | | 600 | 300 | 0,85 | 8 | 0,00 | 0 | 2650 | 4,09 |
| 18 | 1702 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 19 | 1697 | KKomp | STD | BSK | 01 | | 600 | 300 | 0,00 | 5 | 0,00 | 0 | 2650 | 4,09 |
| 20 | 1698 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 21 | 1843 | KBsym | IBH | BK | | 1 | 300 | 600 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| | | | | | | 2 | 600 | 300 | 0,34 | 3 | 0,00 | 0 | | |
| 22 | 1373 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| 23 | 1384 | KT | IBH | BK | | 1 | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,09 |
| | | | | | | 2 | 600 | 300 | 5,50 | 11 | 0,00 | 0 | | |
| | | | | | | 3 | 270 | 300 | 0,76 | 11 | 0,00 | 0 | | |
| 24 | 1385 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 1200 | 1,85 |
| 25 | 1387 | KÜasy | IBH | BK | | 1 | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 1200 | 1,85 |
| | | | | | | 2 | 400 | 200 | -0,56 | -6 | 0,00 | 0 | | |
| 26 | 1388 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 27 | 2766 | KKomp | STD | SD | 01 | | 400 | 200 | 0,85 | 9 | 0,00 | 0 | 1200 | 4,17 |
| 28 | 2767 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 29 | 2617 | KBsym | IBH | BK | | 1 | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| | | | | | | 2 | 400 | 200 | 0,57 | 6 | 0,00 | 0 | | |
| 30 | 2616 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 31 | 2618 | KEta | IBH | BK | | | 200 | 400 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 32 | 2614 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 33 | 2732 | KBsym | IBH | BK | | 1 | 400 | 200 | 0,57 | 6 | 0,00 | 0 | 1200 | 4,17 |
| | | | | | | 2 | 400 | 200 | 0,00 | 0 | 0,00 | 0 | | |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| lfd. Nr. | ObjNr | Typ/ Bauteil | Herst | Material/ Gruppe | Prod. | Öffn. | b | a/ DN | Ges. Zeta | Ges. Druck [Pa] | Zus. Zeta | Zus. Druck [Pa] | Vol [m³/h] | w [m/s] |
|----------|-------|-----------------|-------|---------------------|-------|-------|------|-------|--------------|-----------------------|--------------|-----------------------|---------------|------------|
| | | | | | | | [mm] | [mm] | | | | | | |
| 34 | 2730 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 35 | 2729 | KKomp | STD | SEG | 01 | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 36 | 2725 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 37 | 2724 | KKomp | TRO | BSK | 08 | | 400 | 200 | 1,35 | 14 | 0,00 | 0 | 1200 | 4,17 |
| 38 | 2735 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 39 | 2734 | KKomp | STD | SEG | 01 | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 40 | 2602 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 1200 | 4,17 |
| 41 | 2727 | KT | IBH | BK | | 1 | 300 | 200 | 6,00 | 28 | 0,00 | 0 | 600 | 2,78 |
| | | | | | | 2 | 300 | 200 | 6,00 | 28 | 0,00 | 0 | | |
| | | | | | | 3 | 400 | 200 | 0,00 | 0 | 0,00 | 0 | | |
| 42 | 2613 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 600 | 2,78 |
| 43 | 2645 | KTaR | IBH | BK | | 1 | 200 | 300 | 0,00 | 0 | 0,00 | 0 | 600 | 2,78 |
| | | | | | | 2 | 300 | 200 | 2,16 | 4 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,96 | 4 | 0,00 | 0 | | |
| 44 | 2646 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 400 | 1,85 |
| 45 | 2657 | KTaR | IBH | BK | | 1 | 200 | 300 | 0,00 | 0 | 0,00 | 0 | 400 | 1,85 |
| | | | | | | 2 | 300 | 200 | 5,10 | 3 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,49 | 2 | 0,00 | 0 | | |
| 46 | 2658 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 200 | 0,93 |
| 47 | 2661 | KTaR | IBH | BK | | 1 | 200 | 300 | 0,00 | 0 | 0,00 | 0 | 200 | 0,93 |
| | | | | | | 2 | 300 | 200 | 0,00 | 0 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,07 | 0 | 0,00 | 0 | | |
| 48 | 2660 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 49 | 2674 | Rflex | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 50 | 2587 | RLa | STD | 01Z | | | | 160 | 2,50 | 11 | 0,00 | 0 | 200 | 2,76 |
| 51 | 2639 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 600 | 2,78 |
| 52 | 2638 | KTaR | IBH | BK | | 1 | 300 | 200 | 2,16 | 4 | 0,00 | 0 | 400 | 1,85 |
| | | | | | | 2 | 200 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,96 | 4 | 0,00 | 0 | | |
| 53 | 2632 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 400 | 1,85 |
| 54 | 2631 | KTaR | IBH | BK | | 1 | 300 | 200 | 5,10 | 3 | 0,00 | 0 | 200 | 0,93 |
| | | | | | | 2 | 200 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,49 | 2 | 0,00 | 0 | | |
| 55 | 2625 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 200 | 0,93 |
| 56 | 2624 | KTaR | IBH | BK | | 1 | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 0 | 0,00 |
| | | | | | | 2 | 200 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,07 | 0 | 0,00 | 0 | | |
| 57 | 2623 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 58 | 2669 | Rflex | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 59 | 2569 | RLa | STD | 01Z | | | | 160 | 2,50 | 11 | 0,00 | 0 | 200 | 2,76 |
| 60 | 2656 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 61 | 2673 | Rflex | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 62 | 2565 | RLa | STD | 01Z | | | | 160 | 2,50 | 11 | 0,00 | 0 | 200 | 2,76 |
| 63 | 2630 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 64 | 2670 | Rflex | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 65 | 2568 | RLa | STD | 01Z | | | | 160 | 2,50 | 11 | 0,00 | 0 | 200 | 2,76 |
| 66 | 2644 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 67 | 2672 | Rflex | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| lfd. Nr. | ObjNr | Typ/ Bauteil | Herst | Material/ Gruppe | Prod. | Öffn. | b | a/ DN | Ges. Zeta | Ges. Druck [Pa] | Zus. Zeta | Zus. Druck [Pa] | Vol [m³/h] | w [m/s] |
|----------|-------|-----------------|-------|---------------------|-------|-------|------|-------|--------------|-----------------------|--------------|-----------------------|---------------|------------|
| | | | | | | | [mm] | [mm] | | | | | | |
| 68 | 2567 | RLa | STD | 01Z | | | | 160 | 2,50 | 11 | 0,00 | 0 | 200 | 2,76 |
| 69 | 2637 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 70 | 2671 | Rflex | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 200 | 2,76 |
| 71 | 2566 | RLa | STD | 01A | | | | 160 | 2,50 | 11 | 0,00 | 0 | 200 | 2,76 |
| 72 | 1383 | Kanal | IBH | BK | | | 270 | 300 | 0,00 | 0 | 0,00 | 0 | 1450 | 4,97 |
| 73 | 1618 | KKomp | TRO | VVS | 01 | | 270 | 300 | 0,00 | 45 | 0,00 | 45 | 1450 | 4,97 |
| 74 | 1619 | Kanal | IBH | BK | | | 270 | 300 | 0,00 | 0 | 0,00 | 0 | 1450 | 4,97 |
| 75 | 1391 | KBsym | IBH | BK | | 1 | 270 | 300 | 0,00 | 0 | 0,00 | 0 | 1450 | 4,97 |
| | | | | | | 2 | 270 | 300 | 0,33 | 5 | 0,00 | 0 | | |
| 76 | 1390 | Kanal | IBH | BK | | | 270 | 300 | 0,00 | 0 | 0,00 | 0 | 1450 | 4,97 |
| 77 | 2382 | KBsym | IBH | BK | | 1 | 270 | 300 | 0,37 | 5 | 0,00 | 0 | 1450 | 4,97 |
| | | | | | | 2 | 300 | 270 | 0,00 | 0 | 0,00 | 0 | | |
| 78 | 1364 | Kanal | IBH | BK | | | 270 | 300 | 0,00 | 0 | 0,00 | 0 | 1450 | 4,97 |
| 79 | 1363 | KÜasy | IBH | BK | | 1 | 2400 | 1300 | 1660 | 16 | 0,00 | 0 | 1450 | 0,13 |
| | | | | | | 2 | 270 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| 80 | 1359 | Kanal | IBH | BK | | | 2400 | 1300 | 0,00 | 0 | 0,00 | 0 | 1450 | 0,13 |
| 81 | 1362 | KGiB | STD | WSG | | | 2400 | 1300 | 2,50 | 0 | 0,00 | 0 | 1450 | 0,13 |
| 82 | 2592 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 0 | 0,00 |
| 83 | 2621 | KBod | IBH | BK | | 1 | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 0 | 0,00 |
| 84 | 2662 | Kanal | IBH | BK | | | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 0 | 0,00 |
| 85 | 2622 | KBod | IBH | BK | | 1 | 300 | 200 | 0,00 | 0 | 0,00 | 0 | 0 | 0,00 |
| 1 | 1712 | KVent | IBH | BK | | | 500 | 500 | 0,00 | 0 | 0,00 | 0 | 2650 | 2,94 |
| 86 | 1675 | Kanal | IBH | BK | | | 500 | 500 | 0,00 | 0 | 0,00 | 0 | 2650 | 2,94 |
| 87 | 1713 | KÜasy | IBH | BK | | 1 | 500 | 500 | 0,00 | 0 | 0,00 | 0 | 2650 | 2,94 |
| | | | | | | 2 | 800 | 750 | -3,20 | -3 | 0,00 | 0 | | |
| 88 | 1714 | Kanal | IBH | BK | | | 800 | 750 | 0,00 | 0 | 0,00 | 0 | 2650 | 1,23 |
| 89 | 1722 | KBÜ | IBH | BK | | 1 | 750 | 800 | 0,00 | 0 | 0,00 | 0 | 2650 | 1,23 |
| | | | | | | 2 | 800 | 300 | 1,06 | 6 | 0,00 | 0 | | |
| 90 | 1679 | Kanal | IBH | BK | | | 800 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,07 |
| 91 | 1831 | KBsym | IBH | BK | | 1 | 300 | 800 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,07 |
| | | | | | | 2 | 800 | 300 | 0,37 | 2 | 0,00 | 0 | | |
| 92 | 1826 | Kanal | IBH | BK | | | 800 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,07 |
| 93 | 1828 | KKomp | STD | SD | 01 | | 800 | 300 | 0,85 | 5 | 0,00 | 0 | 2650 | 3,07 |
| 94 | 1829 | Kanal | IBH | BK | | | 800 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,07 |
| 95 | 1832 | KÜasy | IBH | BK | | 1 | 800 | 300 | 0,00 | 0 | 0,00 | 0 | 2650 | 3,07 |
| | | | | | | 2 | 400 | 400 | 0,62 | 8 | 0,00 | 0 | | |
| 96 | 1833 | Kanal | IBH | BK | | | 400 | 400 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,60 |
| 97 | 1835 | KBsym | IBH | BK | | 1 | 400 | 400 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,60 |
| | | | | | | 2 | 400 | 400 | 0,42 | 5 | 0,00 | 0 | | |
| 98 | 1834 | Kanal | IBH | BK | | | 400 | 400 | 0,00 | 0 | 0,00 | 0 | 2650 | 4,60 |
| 99 | 1837 | KLa | STD | DFH | | | 400 | 400 | 2,70 | 34 | 0,00 | 0 | 2650 | 4,60 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

Luftdurchlässe

| Ifd. Nr. | ObjNr | Raum | | | | | Raumbezeichnung | Durchlass | | | Vol [m³/h] | Zeta | pDurchl. [Pa] | pDross Summe [Pa] |
|----------|-------|------|--------|-------|---------|--|----------------------|-----------|-----|--------------------|------------|------|---------------|-------------------|
| | | Geb. | Stock. | Wohn. | Raum Nr | | | Hst | Mat | Typ | | | | |
| 50 | 2587 | 1 | EG | GAS | 13 | | A 0.05 Ausgabe Essen | STD | 01Z | Schlitzdurchlaß | 200 | 2,50 | 11 | 0 |
| 59 | 2569 | 1 | EG | GAS | 13 | | A 0.05 Ausgabe Essen | STD | 01Z | Schlitzdurchlaß | 200 | 2,50 | 11 | 0 |
| 62 | 2565 | 1 | EG | GAS | 13 | | A 0.05 Ausgabe Essen | STD | 01Z | Schlitzdurchlaß | 200 | 2,50 | 11 | 1 |
| 65 | 2568 | 1 | EG | GAS | 13 | | A 0.05 Ausgabe Essen | STD | 01Z | Schlitzdurchlaß | 200 | 2,50 | 11 | 1 |
| 68 | 2567 | 1 | EG | GAS | 13 | | A 0.05 Ausgabe Essen | STD | 01Z | Schlitzdurchlaß | 200 | 2,50 | 11 | 3 |
| 71 | 2566 | 1 | EG | GAS | 13 | | A 0.05 Ausgabe Essen | STD | 01A | Schlitzdurchlaß | 200 | 2,50 | 11 | 3 |
| 81 | 1362 | 1 | EG | GAS | 15 | | A 0.07 Küche | STD | WSG | Wetterschutzgitter | 1450 | 2,50 | 0 | 21 |
| 99 | 1837 | | | | | | | STD | DFH | Deflektorhaube | 2650 | 2,70 | 34 | 0 |