



Netzdaten

| | |
|-------------------|----------------------|
| Bezeichnung | ABLUFT_LH1-9 WC |
| Modus | Dimensionieren |
| Berechnung | Druck- und Saugseite |
| Medium | Luft |
| mittl. Temperatur | 20,0 °C |

Ergebnisse

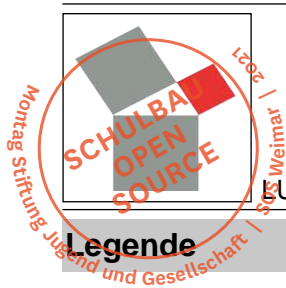
| | |
|---------------|-----------------------|
| Volumenstrom | 798 m ³ /h |
| Totaler Druck | 152 Pa |

Druckseite

| | |
|---------------------|----------|
| Luftgeschwindigkeit | 2,46 m/s |
| Statischer Druck | 17 Pa |
| Totaler Druck | 20 Pa |

Saugseite

| | |
|---------------------|----------|
| Luftgeschwindigkeit | 2,46 m/s |
| Statischer Druck | -135 Pa |
| Totaler Druck | -132 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

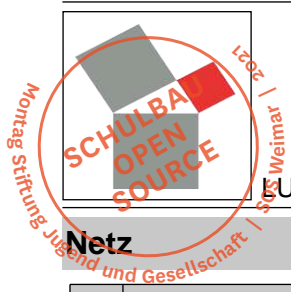
| | |
|-------|--|
| KSTb | Separator, Teilung in b |
| KSTa | Separator, Teilung in a |
| KSXb | X-Separator, Teilungen in b |
| KSXa | X-Separator, Teilungen in a |
| KSXbO | X-Separator, Doppelteilung in b oben |
| KSXaR | X-Separator, Doppelteilung in a rechts |
| KSXbU | X-Separator, Doppelteilung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

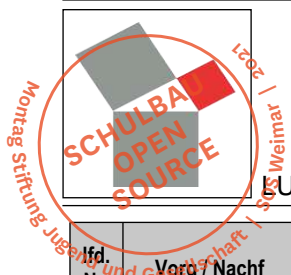
| | |
|-------|------------------|
| KBod | Boden |
| RBod | Rohr-Enddeckel |
| KKomp | Kanal-Komponente |
| RKomp | Rohr-Komponente |
| KVent | Kanal-Ventilator |
| RVent | Rohr-Ventilator |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

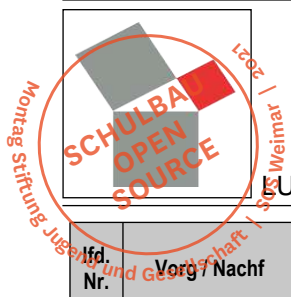
Netz

| 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 | 1069 | KVent | 300 | 300 | | 798 | 2,46 | | 20,0 | | 17 | 152 | | | 0 |
| 2 | 1/3 | 1066 | Kanal | 300 | 300 | 1,50 | 798 | 2,46 | 1,0000 | 20,0 | 0,27 | -135 | -132 | 0 | 0 | 0 |
| 3 | 2/4 | 1117 | KBsym | 300 | 300 | | 798 | 2,46 | | 20,0 | | -135 | -131 | | | 0 |
| 4 | 3/5 | 1065 | Kanal | 300 | 300 | 1,98 | 798 | 2,46 | 1,0000 | 20,0 | 0,27 | -133 | -130 | 2 | 0 | 0 |
| 5 | 4/6 | 1064 | KÜsym | 300 | 300 | | 798 | 2,46 | | 20,0 | | -133 | -129 | | | 0 |
| 6 | 5/7 | 1062 | Kanal | 400 | 200 | 0,66 | 798 | 2,77 | 1,0000 | 20,0 | 0,38 | -134 | -129 | -1 | 0 | 0 |
| 7 | 6/8 | 1116 | KBsym | 400 | 200 | | 798 | 2,77 | | 20,0 | | -133 | -129 | | | 0 |
| 8 | 7/9 | 1060 | Kanal | 400 | 200 | 0,59 | 798 | 2,77 | 1,0000 | 20,0 | 0,38 | -131 | -127 | 2 | 0 | 0 |
| 9 | 8/10 | 1115 | KBsym | 400 | 200 | | 798 | 2,77 | | 20,0 | | -131 | -126 | | | 0 |
| 10 | 9/11 | 1058 | Kanal | 400 | 200 | 0,58 | 798 | 2,77 | 1,0000 | 20,0 | 0,38 | -129 | -124 | 2 | 0 | 0 |
| 11 | 10/12 | 1121 | KBsym | 200 | 400 | | 798 | 2,77 | | 20,0 | | -129 | -124 | | | 0 |
| 12 | 11/13 | 1073 | Kanal | 400 | 200 | 1,27 | 798 | 2,77 | 1,0000 | 20,0 | 0,38 | -127 | -123 | 2 | 0 | 0 |
| 13 | 12/14+105 | 1072 | KTaR | 200 | 400 | | 798 | 2,77 | | 20,0 | | -127 | -122 | | | 0 |
| 14 | 13/15 | 1076 | Kanal | 400 | 200 | 4,00 | 558 | 1,94 | 1,0000 | 20,0 | 0,20 | -123 | -121 | 5 | 0 | 0 |
| 15 | 14/62+16 | 1075 | KTaR | 200 | 400 | | 558 | 1,94 | | 20,0 | | -122 | -120 | | | 0 |
| 16 | 15/17 | 649 | Rohr | | 160 | 0,55 | 318 | 4,39 | 1,0000 | 20,0 | 1,66 | -120 | -108 | 3 | 0 | 0 |
| 17 | 16/18 | 741 | RKomp | | 160 | | 318 | 4,39 | | 20,0 | | -119 | -107 | 8 | | 0 |
| 18 | 17/19 | 742 | Rohr | | 160 | 0,25 | 318 | 4,39 | 1,0000 | 20,0 | 1,66 | -111 | -100 | 0 | 0 | 0 |
| 19 | 18/20 | 749 | RKomp | | 160 | | 318 | 4,39 | | 20,0 | | -111 | -99 | 0 | | 0 |
| 20 | 19/21 | 750 | Rohr | | 160 | 0,81 | 318 | 4,39 | 1,0000 | 20,0 | 1,66 | -111 | -99 | 1 | 0 | 0 |
| 21 | 20/22 | 3420 | RKomp | | 160 | | 318 | 4,39 | | 20,0 | | -109 | -98 | 50 | | 0 |
| 22 | 21/23 | 3421 | Rohr | | 160 | 1,08 | 318 | 4,39 | 1,0000 | 20,0 | 1,66 | -59 | -48 | 2 | 0 | 0 |
| 23 | 22/24+185 | 675 | RTaR | | 160 | | 318 | 4,39 | | 20,0 | | -58 | -46 | | | 0 |
| 24 | 23/25 | 674 | Rohr | | 160 | 0,32 | 246 | 3,40 | 1,0000 | 20,0 | 1,04 | -50 | -43 | 8 | 0 | 0 |
| 25 | 24/26 | 676 | RBgla | | 160 | | 246 | 3,40 | | 20,0 | | -49 | -42 | | | 0 |
| 26 | 25/27 | 666 | Rohr | | 160 | 0,49 | 246 | 3,40 | 1,0000 | 20,0 | 1,04 | -46 | -39 | 4 | 0 | 0 |
| 27 | 26/28 | 734 | RÜsym | | 160 | | 246 | 3,40 | | 20,0 | | -45 | -39 | | | 0 |
| 28 | 27/29 | 735 | Rohr | | 160 | 0,63 | 246 | 3,40 | 1,0000 | 20,0 | 1,04 | -45 | -39 | 1 | 0 | 0 |
| 29 | 28/30 | 679 | RKomp | | 160 | | 246 | 3,40 | | 20,0 | | -45 | -38 | 4 | | 0 |
| 30 | 29/31 | 672 | Rohr | | 160 | 0,77 | 246 | 3,40 | 1,0000 | 20,0 | 1,04 | -41 | -34 | 1 | 0 | 0 |
| 31 | 30/32+144 | 1224 | RTaR | | 160 | | 246 | 3,40 | | 20,0 | | -40 | -33 | | | 0 |
| 32 | 31/33 | 681 | Rohr | | 160 | 2,12 | 198 | 2,74 | 1,0000 | 20,0 | 0,70 | -36 | -31 | 6 | 0 | 0 |
| 33 | 32/34 | 737 | RÜasy | | 160 | | 198 | 2,74 | | 20,0 | | -34 | -30 | | | 0 |
| 34 | 33/35 | 738 | Rohr | | 160 | 3,44 | 198 | 2,74 | 1,0000 | 20,0 | 0,70 | -34 | -30 | 2 | 0 | 0 |
| 35 | 34/36 | 688 | RKomp | | 160 | | 198 | 2,74 | | 20,0 | | -32 | -27 | 3 | | 0 |
| 36 | 35/37 | 689 | Rohr | | 160 | 0,25 | 198 | 2,74 | 1,0000 | 20,0 | 0,70 | -29 | -24 | 0 | 0 | 0 |
| 37 | 36/38 | 753 | RKomp | | 160 | | 198 | 2,74 | | 20,0 | | -29 | -24 | 0 | | 0 |
| 38 | 37/39 | 754 | Rohr | | 160 | 0,50 | 198 | 2,74 | 1,0000 | 20,0 | 0,70 | -29 | -24 | 0 | 0 | 0 |
| 39 | 38/40 | 1943 | RÜasy | | 160 | | 198 | 2,74 | | 20,0 | | -28 | -24 | | | 0 |
| 40 | 39/41 | 1944 | Rohr | | 160 | 0,45 | 198 | 2,74 | 1,0000 | 20,0 | 0,70 | -28 | -24 | 0 | 0 | 0 |
| 41 | 40/42 | 690 | RKomp | | 160 | | 198 | 2,74 | | 20,0 | | -28 | -24 | 4 | | 0 |
| 42 | 41/43 | 687 | Rohr | | 160 | 1,80 | 198 | 2,74 | 1,0000 | 20,0 | 0,70 | -24 | -20 | 1 | 0 | 0 |
| 43 | 42/44+59 | 1945 | RTaR | | 160 | | 198 | 2,74 | | 20,0 | | -23 | -18 | | | 0 |
| 44 | 43/45 | 713 | Rohr | | 160 | 0,25 | 60 | 0,83 | 1,0000 | 20,0 | 0,08 | -16 | -16 | 7 | 0 | 0 |
| 45 | 44/46 | 1946 | RÜasy | | 160 | | 60 | 0,83 | | 20,0 | | -16 | -16 | | | 0 |
| 46 | 45/47 | 1947 | Rohr | | 100 | 0,41 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -18 | -15 | -2 | 0 | 0 |
| 47 | 46/48 | 757 | RKomp | | 100 | | 60 | 2,12 | | 20,0 | | -18 | -15 | 0 | | 0 |



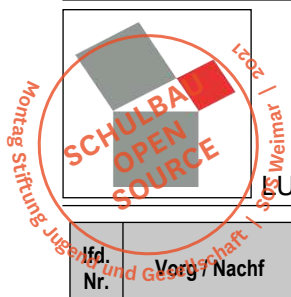
LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| 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] | [Pa] | [Pa] | [Pa] |
| 48 | 47/49 | 758 | Rohr | | 100 | 0,25 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -18 | -15 | 0 | 0 | 0 |
| 49 | 48/50 | 715 | RKomp | | 100 | | 60 | 2,12 | | 20,0 | | -18 | -15 | 5 | | 0 |
| 50 | 49/51 | 716 | Rohr | | 100 | 0,43 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -13 | -10 | 0 | 0 | 0 |
| 51 | 50/52 | 743 | RÜasy | | 100 | | 60 | 2,12 | | 20,0 | | -13 | -10 | | | 0 |
| 52 | 51/53 | 744 | Rohr | | 100 | 0,52 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -13 | -10 | 0 | 0 | 0 |
| 53 | 52/54 | 691 | RKomp | | 100 | | 60 | 2,12 | | 20,0 | | -12 | -9 | 6 | | 0 |
| 54 | 53/55 | 692 | Rohr | | 100 | 1,14 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -6 | -3 | 1 | 0 | 0 |
| 55 | 54/56 | 693 | RBgla | | 100 | | 60 | 2,12 | | 20,0 | | -5 | -3 | | | 0 |
| 56 | 55/57 | 686 | Rohr | | 100 | 0,20 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 2 | 0 | 0 |
| 57 | 56/58 | 736 | Rflex | | 100 | 0,69 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 1 | 0 | 0 |
| 58 | 57/- | 685 | RLa | | 100 | | 60 | 2,12 | | 20,0 | | -3 | -1 | 0 | | 0 |
| 59 | 43/60 | 711 | Rohr | | 125 | 0,20 | 138 | 3,12 | 1,0000 | 20,0 | 1,22 | -18 | -12 | 6 | 10 | 10 |
| 60 | 59/61 | 714 | Rflex | | 125 | 0,60 | 138 | 3,12 | 1,0000 | 20,0 | 1,22 | -8 | -2 | 1 | 0 | 10 |
| 61 | 60/- | 684 | RLa | | 125 | | 138 | 3,12 | | 20,0 | | -7 | -1 | 0 | | 10 |
| 62 | 15/63 | 1057 | Kanal | 400 | 200 | 1,26 | 240 | 0,83 | 1,0000 | 20,0 | 0,04 | -119 | -119 | 3 | 12 | 12 |
| 63 | 62/64 | 344 | KRÜsy | 400 | 200 | | 240 | 0,83 | | 20,0 | | -107 | -106 | | | 12 |
| 64 | 63/65 | 345 | Rohr | | 160 | 2,88 | 240 | 3,32 | 1,0000 | 20,0 | 1,42 | -110 | -103 | 1 | 0 | 12 |
| 65 | 64/66 | 1047 | RBgla | | 160 | | 240 | 3,32 | | 20,0 | | -106 | -99 | | | 12 |
| 66 | 65/67 | 899 | Rohr | | 160 | 0,55 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -103 | -96 | 4 | 0 | 12 |
| 67 | 66/68 | 990 | RKomp | | 160 | | 240 | 3,32 | | 20,0 | | -102 | -96 | 4 | | 12 |
| 68 | 67/69 | 991 | Rohr | | 160 | 0,25 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -98 | -91 | 0 | 0 | 12 |
| 69 | 68/70 | 998 | RKomp | | 160 | | 240 | 3,32 | | 20,0 | | -98 | -91 | 0 | | 12 |
| 70 | 69/71 | 999 | Rohr | | 160 | 0,88 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -98 | -91 | 1 | 0 | 12 |
| 71 | 70/72 | 3416 | RKomp | | 160 | | 240 | 3,32 | | 20,0 | | -97 | -90 | 50 | | 12 |
| 72 | 71/73 | 3417 | Rohr | | 160 | 1,01 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -47 | -40 | 1 | 0 | 12 |
| 73 | 72/74+192 | 924 | RTaR | | 160 | | 240 | 3,32 | | 20,0 | | -46 | -39 | | | 12 |
| 74 | 73/75 | 923 | Rohr | | 160 | 0,32 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -40 | -37 | 6 | 0 | 12 |
| 75 | 74/76 | 925 | RBgla | | 160 | | 168 | 2,32 | | 20,0 | | -40 | -37 | | | 12 |
| 76 | 75/77 | 915 | Rohr | | 160 | 0,49 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -38 | -35 | 2 | 0 | 12 |
| 77 | 76/78 | 983 | RÜsym | | 160 | | 168 | 2,32 | | 20,0 | | -38 | -35 | | | 12 |
| 78 | 77/79 | 984 | Rohr | | 160 | 0,63 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -38 | -35 | 0 | 0 | 12 |
| 79 | 78/80 | 928 | RKomp | | 160 | | 168 | 2,32 | | 20,0 | | -38 | -34 | 4 | | 12 |
| 80 | 79/81 | 921 | Rohr | | 160 | 0,77 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -34 | -30 | 0 | 0 | 12 |
| 81 | 80/82+163 | 1186 | RTaR | | 160 | | 168 | 2,32 | | 20,0 | | -33 | -30 | | | 12 |
| 82 | 81/83 | 1187 | Rohr | | 160 | 2,12 | 120 | 1,66 | 1,0000 | 20,0 | 0,29 | -30 | -29 | 3 | 0 | 12 |
| 83 | 82/84 | 986 | RÜasy | | 160 | | 120 | 1,66 | | 20,0 | | -30 | -28 | | | 12 |
| 84 | 83/85 | 987 | Rohr | | 125 | 3,44 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -32 | -28 | 1 | 0 | 12 |
| 85 | 84/86 | 937 | RKomp | | 125 | | 120 | 2,72 | | 20,0 | | -29 | -25 | 5 | | 12 |
| 86 | 85/87 | 938 | Rohr | | 125 | 0,25 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -24 | -20 | 0 | 0 | 12 |
| 87 | 86/88 | 1002 | RKomp | | 125 | | 120 | 2,72 | | 20,0 | | -24 | -20 | 0 | | 12 |
| 88 | 87/89 | 1003 | Rohr | | 125 | 0,46 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -24 | -20 | 0 | 0 | 12 |
| 89 | 88/90+158 | 1278 | RTaR | | 125 | | 120 | 2,72 | | 20,0 | | -24 | -19 | | | 12 |
| 90 | 89/91 | 1279 | Rohr | | 125 | 0,49 | 60 | 1,36 | 1,0000 | 20,0 | 0,27 | -18 | -17 | 6 | 0 | 12 |
| 91 | 90/92 | 939 | RKomp | | 125 | | 60 | 1,36 | | 20,0 | | -18 | -17 | 6 | | 12 |
| 92 | 91/93 | 936 | Rohr | | 125 | 0,48 | 60 | 1,36 | 1,0000 | 20,0 | 0,27 | -12 | -11 | 0 | 0 | 12 |
| 93 | 92/94 | 1283 | RÜasy | | 125 | | 60 | 1,36 | | 20,0 | | -12 | -11 | | | 12 |
| 94 | 93/95 | 1284 | Rohr | | 100 | 0,32 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -13 | -11 | -1 | 0 | 12 |
| 95 | 94/96 | 1263 | RKomp | | 100 | | 60 | 2,12 | | 20,0 | | -13 | -10 | 5 | | 12 |



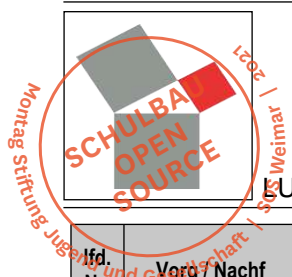
LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| 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] |
| 96 | 95/97 | 1264 | Rohr | | 100 | 0,25 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -8 | -6 | 0 | 0 | 12 |
| 97 | 96/98 | 1268 | RKomp | | 100 | | 60 | 2,12 | | 20,0 | | -8 | -6 | 0 | | 12 |
| 98 | 97/99 | 962 | Rohr | | 100 | 0,85 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -8 | -6 | 1 | 0 | 12 |
| 99 | 98/100 | 992 | RÜasy | | 100 | | 60 | 2,12 | | 20,0 | | -8 | -5 | | | 12 |
| 100 | 99/101 | 941 | Rohr | | 100 | 2,89 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -8 | -5 | 2 | 0 | 12 |
| 101 | 100/102 | 942 | RBgla | | 100 | | 60 | 2,12 | | 20,0 | | -5 | -3 | | | 12 |
| 102 | 101/103 | 935 | Rohr | | 100 | 0,20 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 2 | 0 | 12 |
| 103 | 102/104 | 985 | Rflex | | 100 | 0,69 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 1 | 0 | 12 |
| 104 | 103/- | 934 | RLa | | 100 | | 60 | 2,12 | | 20,0 | | -3 | -1 | 0 | | 12 |
| 105 | 13/106 | 333 | Rohr | | 160 | 0,55 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -123 | -116 | 5 | 17 | 17 |
| 106 | 105/107 | 616 | RKomp | | 160 | | 240 | 3,32 | | 20,0 | | -105 | -99 | 4 | | 17 |
| 107 | 106/108 | 617 | Rohr | | 160 | 0,25 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -101 | -94 | 0 | 0 | 17 |
| 108 | 107/109 | 627 | RKomp | | 160 | | 240 | 3,32 | | 20,0 | | -101 | -94 | 0 | | 17 |
| 109 | 108/110 | 628 | Rohr | | 160 | 0,87 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -101 | -94 | 1 | 0 | 17 |
| 110 | 109/111 | 3424 | RKomp | | 160 | | 240 | 3,32 | | 20,0 | | -100 | -93 | 50 | | 17 |
| 111 | 110/112 | 3425 | Rohr | | 160 | 1,03 | 240 | 3,32 | 1,0000 | 20,0 | 1,00 | -50 | -43 | 1 | 0 | 17 |
| 112 | 111/113+205 | 473 | RTaR | | 160 | | 240 | 3,32 | | 20,0 | | -49 | -42 | | | 17 |
| 113 | 112/114 | 470 | Rohr | | 160 | 0,32 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -43 | -40 | 6 | 0 | 17 |
| 114 | 113/115 | 478 | RBgla | | 160 | | 168 | 2,32 | | 20,0 | | -43 | -39 | | | 17 |
| 115 | 114/116 | 437 | Rohr | | 160 | 0,49 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -41 | -38 | 2 | 0 | 17 |
| 116 | 115/117 | 607 | RÜsym | | 160 | | 168 | 2,32 | | 20,0 | | -41 | -38 | | | 17 |
| 117 | 116/118 | 608 | Rohr | | 160 | 0,63 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -41 | -38 | 0 | 0 | 17 |
| 118 | 117/119 | 479 | RKomp | | 160 | | 168 | 2,32 | | 20,0 | | -41 | -37 | 4 | | 17 |
| 119 | 118/120 | 466 | Rohr | | 160 | 0,77 | 168 | 2,32 | 1,0000 | 20,0 | 0,52 | -37 | -33 | 0 | 0 | 17 |
| 120 | 119/121+174 | 1205 | RTaR | | 160 | | 168 | 2,32 | | 20,0 | | -36 | -33 | | | 17 |
| 121 | 120/122 | 482 | Rohr | | 160 | 2,12 | 120 | 1,66 | 1,0000 | 20,0 | 0,29 | -33 | -32 | 3 | 0 | 17 |
| 122 | 121/123 | 612 | RÜasy | | 160 | | 120 | 1,66 | | 20,0 | | -33 | -31 | | | 17 |
| 123 | 122/124 | 613 | Rohr | | 125 | 3,44 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -35 | -31 | 1 | 0 | 17 |
| 124 | 123/125 | 511 | RKomp | | 125 | | 120 | 2,72 | | 20,0 | | -32 | -28 | 5 | | 17 |
| 125 | 124/126 | 512 | Rohr | | 125 | 0,25 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -27 | -23 | 0 | 0 | 17 |
| 126 | 125/127 | 631 | RKomp | | 125 | | 120 | 2,72 | | 20,0 | | -27 | -23 | 0 | | 17 |
| 127 | 126/128 | 632 | Rohr | | 125 | 0,94 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -27 | -23 | 1 | 0 | 17 |
| 128 | 127/129 | 518 | RKomp | | 125 | | 120 | 2,72 | | 20,0 | | -26 | -22 | 6 | | 17 |
| 129 | 128/130 | 509 | Rohr | | 125 | 2,15 | 120 | 2,72 | 1,0000 | 20,0 | 0,94 | -20 | -16 | 2 | 0 | 17 |
| 130 | 129/131+155 | 568 | RTaR | | 125 | | 120 | 2,72 | | 20,0 | | -18 | -14 | | | 17 |
| 131 | 130/132 | 569 | Rohr | | 125 | 0,30 | 60 | 1,36 | 1,0000 | 20,0 | 0,27 | -13 | -11 | 6 | 0 | 17 |
| 132 | 131/133 | 637 | RKomp | | 125 | | 60 | 1,36 | | 20,0 | | -12 | -11 | 0 | | 17 |
| 133 | 132/134 | 638 | Rohr | | 125 | 0,25 | 60 | 1,36 | 1,0000 | 20,0 | 0,27 | -12 | -11 | 0 | 0 | 17 |
| 134 | 133/135 | 574 | RKomp | | 125 | | 60 | 1,36 | | 20,0 | | -12 | -11 | 1 | | 17 |
| 135 | 134/136 | 575 | Rohr | | 125 | 0,43 | 60 | 1,36 | 1,0000 | 20,0 | 0,27 | -11 | -10 | 0 | 0 | 17 |
| 136 | 135/137 | 618 | RÜasy | | 125 | | 60 | 1,36 | | 20,0 | | -11 | -10 | | | 17 |
| 137 | 136/138 | 619 | Rohr | | 100 | 0,52 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -13 | -10 | -1 | 0 | 17 |
| 138 | 137/139 | 521 | RKomp | | 100 | | 60 | 2,12 | | 20,0 | | -12 | -9 | 6 | | 17 |
| 139 | 138/140 | 522 | Rohr | | 100 | 1,14 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -6 | -3 | 1 | 0 | 17 |
| 140 | 139/141 | 611 | RBgla | | 100 | | 60 | 2,12 | | 20,0 | | -5 | -3 | | | 17 |
| 141 | 140/142 | 504 | Rohr | | 100 | 0,20 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 2 | 0 | 17 |
| 142 | 141/143 | 609 | Rflex | | 100 | 0,69 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 1 | 0 | 17 |
| 143 | 142/- | 503 | RLa | | 100 | | 60 | 2,12 | | 20,0 | | -3 | -1 | 0 | | 17 |



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] |
| 144 | 31/145 | 1223 | Rohr | | 100 | 0,28 | 48 | 1,70 | 1,0000 | 20,0 | 0,54 | -35 | -33 | 5 | 24 | 24 |
| 145 | 144/146 | 1227 | RBgla | | 100 | | 48 | 1,70 | | 20,0 | | -11 | -9 | | | 24 |
| 146 | 145/147 | 1226 | Rohr | | 100 | 0,51 | 48 | 1,70 | 1,0000 | 20,0 | 0,54 | -10 | -9 | 1 | 0 | 24 |
| 147 | 146/148 | 1231 | RBgla | | 100 | | 48 | 1,70 | | 20,0 | | -10 | -8 | | | 24 |
| 148 | 147/149 | 1220 | Rohr | | 100 | 0,38 | 48 | 1,70 | 1,0000 | 20,0 | 0,54 | -9 | -7 | 1 | 0 | 24 |
| 149 | 148/150+160 | 1233 | RTaR | | 100 | | 48 | 1,70 | | 20,0 | | -9 | -7 | | | 24 |
| 150 | 149/151 | 1234 | Rohr | | 100 | 0,49 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -7 | -6 | 2 | 0 | 24 |
| 151 | 150/152 | 1221 | RKomp | | 100 | | 24 | 0,85 | | 20,0 | | -7 | -6 | 6 | | 24 |
| 152 | 151/153 | 1222 | Rohr | | 100 | 0,93 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -1 | 0 | 0 | 0 | 24 |
| 153 | 152/154 | 1236 | Rflex | | 100 | 0,33 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -1 | 0 | 0 | 0 | 24 |
| 154 | 153/- | 683 | RLa | | 100 | | 24 | 0,85 | | 20,0 | | -1 | 0 | 0 | | 24 |
| 155 | 130/156 | 567 | Rohr | | 100 | 0,20 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -13 | -10 | 5 | 9 | 26 |
| 156 | 155/157 | 570 | Rflex | | 100 | 0,60 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -4 | -1 | 1 | 0 | 26 |
| 157 | 156/- | 501 | RLa | | 100 | | 60 | 2,12 | | 20,0 | | -3 | -1 | 0 | | 26 |
| 158 | 89/159 | 1277 | Rohr | | 100 | 0,50 | 60 | 2,12 | 1,0000 | 20,0 | 0,80 | -19 | -16 | 5 | 15 | 27 |
| 159 | 158/- | 1281 | RLa | | 100 | | 60 | 2,12 | | 20,0 | | -3 | -1 | 0 | | 27 |
| 160 | 149/161 | 1232 | Rohr | | 100 | 0,21 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -7 | -6 | 2 | 6 | 30 |
| 161 | 160/162 | 1235 | Rflex | | 100 | 0,36 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -1 | 0 | 0 | 0 | 30 |
| 162 | 161/- | 671 | RLa | | 100 | | 24 | 0,85 | | 20,0 | | -1 | 0 | 0 | | 30 |
| 163 | 81/164 | 1185 | Rohr | | 100 | 0,28 | 48 | 1,70 | 1,0000 | 20,0 | 0,54 | -30 | -29 | 3 | 19 | 31 |
| 164 | 163/165 | 1189 | RBgla | | 100 | | 48 | 1,70 | | 20,0 | | -11 | -9 | | | 31 |
| 165 | 164/166 | 1188 | Rohr | | 100 | 0,51 | 48 | 1,70 | 1,0000 | 20,0 | 0,54 | -10 | -9 | 1 | 0 | 31 |
| 166 | 165/167 | 1196 | RBgla | | 100 | | 48 | 1,70 | | 20,0 | | -10 | -8 | | | 31 |
| 167 | 166/168 | 1173 | Rohr | | 100 | 0,38 | 48 | 1,70 | 1,0000 | 20,0 | 0,54 | -9 | -7 | 1 | 0 | 31 |
| 168 | 167/169+199 | 1198 | RTaR | | 100 | | 48 | 1,70 | | 20,0 | | -9 | -7 | | | 31 |
| 169 | 168/170 | 1199 | Rohr | | 100 | 0,49 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -7 | -6 | 2 | 0 | 31 |
| 170 | 169/171 | 1175 | RKomp | | 100 | | 24 | 0,85 | | 20,0 | | -7 | -6 | 6 | | 31 |
| 171 | 170/172 | 1176 | Rohr | | 100 | 0,93 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -1 | 0 | 0 | 0 | 31 |
| 172 | 171/173 | 1192 | Rflex | | 100 | 0,33 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -1 | 0 | 0 | 0 | 31 |
| 173 | 172/- | 932 | RLa | | 100 | | 24 | 0,85 | | 20,0 | | -1 | 0 | 0 | | 31 |
| 174 | 120/175 | 1204 | Rohr | | 80 | 0,28 | 48 | 2,65 | 1,0000 | 20,0 | 1,59 | -34 | -30 | 3 | 14 | 32 |
| 175 | 174/176 | 1208 | RBgla | | 80 | | 48 | 2,65 | | 20,0 | | -19 | -15 | | | 32 |
| 176 | 175/177 | 1207 | Rohr | | 80 | 0,51 | 48 | 2,65 | 1,0000 | 20,0 | 1,59 | -17 | -13 | 3 | 0 | 32 |
| 177 | 176/178 | 1212 | RBgla | | 80 | | 48 | 2,65 | | 20,0 | | -16 | -12 | | | 32 |
| 178 | 177/179 | 1201 | Rohr | | 80 | 0,38 | 48 | 2,65 | 1,0000 | 20,0 | 1,59 | -14 | -10 | 3 | 0 | 32 |
| 179 | 178/180+202 | 1214 | RTaR | | 80 | | 48 | 2,65 | | 20,0 | | -13 | -9 | | | 32 |
| 180 | 179/181 | 1215 | Rohr | | 80 | 0,49 | 24 | 1,33 | 1,0000 | 20,0 | 0,47 | -8 | -7 | 6 | 0 | 32 |
| 181 | 180/182 | 1202 | RKomp | | 80 | | 24 | 1,33 | | 20,0 | | -8 | -7 | 6 | | 32 |
| 182 | 181/183 | 1203 | Rohr | | 80 | 0,93 | 24 | 1,33 | 1,0000 | 20,0 | 0,47 | -2 | -1 | 1 | 0 | 32 |
| 183 | 182/184 | 1238 | Rflex | | 80 | 0,33 | 24 | 1,33 | 1,0000 | 20,0 | 0,47 | -1 | 0 | 0 | 0 | 32 |
| 184 | 183/- | 495 | RLa | | 80 | | 24 | 1,33 | | 20,0 | | -1 | 0 | 0 | | 32 |
| 185 | 23/186 | 673 | Rohr | | 100 | 0,84 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -49 | -45 | 10 | 33 | 33 |
| 186 | 185/187 | 678 | RBgla | | 100 | | 72 | 2,55 | | 20,0 | | -15 | -11 | | | 33 |
| 187 | 186/188 | 677 | Rohr | | 100 | 0,80 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -13 | -9 | 3 | 0 | 33 |
| 188 | 187/189 | 669 | RKomp | | 100 | | 72 | 2,55 | | 20,0 | | -12 | -8 | 6 | | 33 |
| 189 | 188/190 | 670 | Rohr | | 100 | 0,68 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -6 | -2 | 1 | 0 | 33 |
| 190 | 189/191 | 668 | Rflex | | 100 | 0,64 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -5 | -1 | 1 | 0 | 33 |
| 191 | 190/- | 667 | RLa | | 100 | | 72 | 2,55 | | 20,0 | | -5 | -1 | 0 | | 33 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

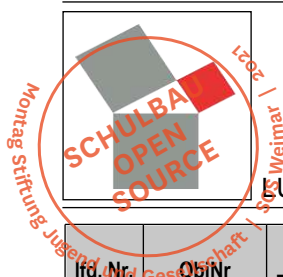
| lfd. Nr. | Vorg / Nachf | ObjNr | Typ | b | a/DN | Länge | Vol | w | Gleichzeitigk. | tLuft | RWert | pStatisch | pTotal | pElem | pDross | pDross Summe |
|----------|--------------|-------|-------|------|------|-------|--------|-------|----------------|-------|--------|-----------|--------|-------|--------|--------------|
| | | | | [mm] | [mm] | [m] | [m³/h] | [m/s] | | [°C] | [Pa/m] | [Pa] | [Pa] | [Pa] | [Pa] | [Pa] |
| 192 | 73/193 | 922 | Rohr | | 100 | 0,84 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -40 | -36 | 7 | 24 | 36 |
| 193 | 192/194 | 927 | RBgla | | 100 | | 72 | 2,55 | | 20,0 | | -15 | -11 | | | 36 |
| 194 | 193/195 | 926 | Rohr | | 100 | 0,80 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -13 | -9 | 3 | 0 | 36 |
| 195 | 194/196 | 918 | RKomp | | 100 | | 72 | 2,55 | | 20,0 | | -12 | -8 | 6 | | 36 |
| 196 | 195/197 | 919 | Rohr | | 100 | 0,68 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -6 | -2 | 1 | 0 | 36 |
| 197 | 196/198 | 917 | Rflex | | 100 | 0,64 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -5 | -1 | 1 | 0 | 36 |
| 198 | 197/- | 916 | RLa | | 100 | | 72 | 2,55 | | 20,0 | | -5 | -1 | 0 | | 36 |
| 199 | 168/200 | 1197 | Rohr | | 100 | 0,21 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -7 | -6 | 2 | 6 | 37 |
| 200 | 199/201 | 1200 | Rflex | | 100 | 0,36 | 24 | 0,85 | 1,0000 | 20,0 | 0,16 | -1 | 0 | 0 | 0 | 37 |
| 201 | 200/- | 920 | RLa | | 100 | | 24 | 0,85 | | 20,0 | | -1 | 0 | 0 | | 37 |
| 202 | 179/203 | 1213 | Rohr | | 80 | 0,21 | 24 | 1,33 | 1,0000 | 20,0 | 0,47 | -8 | -7 | 5 | 7 | 38 |
| 203 | 202/204 | 1237 | Rflex | | 80 | 0,36 | 24 | 1,33 | 1,0000 | 20,0 | 0,47 | -1 | 0 | 0 | 0 | 38 |
| 204 | 203/- | 463 | RLa | | 80 | | 24 | 1,33 | | 20,0 | | -1 | 0 | 0 | | 38 |
| 205 | 112/206 | 468 | Rohr | | 100 | 0,84 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -43 | -39 | 7 | 27 | 44 |
| 206 | 205/207 | 476 | RBgla | | 100 | | 72 | 2,55 | | 20,0 | | -15 | -11 | | | 44 |
| 207 | 206/208 | 475 | Rohr | | 100 | 0,80 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -13 | -9 | 3 | 0 | 44 |
| 208 | 207/209 | 449 | RKomp | | 100 | | 72 | 2,55 | | 20,0 | | -12 | -8 | 6 | | 44 |
| 209 | 208/210 | 450 | Rohr | | 100 | 0,68 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -6 | -2 | 1 | 0 | 44 |
| 210 | 209/211 | 448 | Rflex | | 100 | 0,64 | 72 | 2,55 | 1,0000 | 20,0 | 1,11 | -5 | -1 | 1 | 0 | 44 |
| 211 | 210/- | 447 | RLa | | 100 | | 72 | 2,55 | | 20,0 | | -5 | -1 | 0 | | 44 |
| 1 | -/212 | 1069 | KVent | 300 | 300 | | 798 | 2,46 | | 20,0 | | 17 | 152 | | | 0 |
| 212 | 1/213 | 1070 | Kanal | 300 | 300 | 1,03 | 798 | 2,46 | 1,0000 | 20,0 | 0,27 | 17 | 20 | 0 | 0 | 0 |
| 213 | 212/214 | 1108 | KÜasy | 300 | 300 | | 798 | 2,46 | | 20,0 | | 17 | 20 | | | 0 |
| 214 | 213/215 | 1109 | Kanal | 300 | 300 | 1,62 | 798 | 2,46 | 1,0000 | 20,0 | 0,27 | 17 | 20 | 0 | 0 | 0 |
| 215 | 214/216 | 1132 | KÜasy | 300 | 300 | | 798 | 2,46 | | 20,0 | | 16 | 20 | | | 0 |
| 216 | 215/217 | 1133 | Kanal | 600 | 300 | 1,57 | 798 | 1,23 | 1,0000 | 20,0 | 0,05 | 18 | 19 | -2 | 0 | 0 |
| 217 | 216/218 | 1141 | KKomp | 600 | 300 | | 798 | 1,23 | | 20,0 | | 18 | 19 | 16 | | 0 |
| 218 | 217/219 | 1142 | Kanal | 600 | 300 | 1,16 | 798 | 1,23 | 1,0000 | 20,0 | 0,05 | 2 | 3 | 0 | 0 | 0 |
| 219 | 218/- | 1077 | KGiB | 600 | 300 | | 798 | 1,23 | | 20,0 | | 2 | 3 | 0 | | 0 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

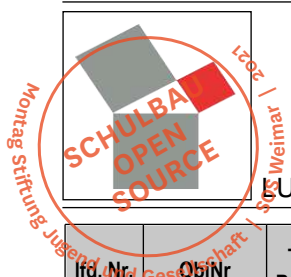
Netz detailliert

| 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 | 1069 | KVent | IBH | BK | | | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| 2 | 1066 | Kanal | IBH | BK | | | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| 3 | 1117 | KBsym | IBH | BK | | 1 | 300 | 300 | 0,43 | 2 | 0,00 | 0 | 798 | 2,46 |
| | | | | | | 2 | 300 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| 4 | 1065 | Kanal | IBH | BK | | | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| 5 | 1064 | KÜsym | IBH | BK | | 1 | 400 | 200 | -0,20 | -1 | 0,00 | 0 | 798 | 2,77 |
| | | | | | | 2 | 300 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| 6 | 1062 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 798 | 2,77 |
| 7 | 1116 | KBsym | IBH | BK | | 1 | 400 | 200 | 0,49 | 2 | 0,00 | 0 | 798 | 2,77 |
| | | | | | | 2 | 400 | 200 | 0,00 | 0 | 0,00 | 0 | | |
| 8 | 1060 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 798 | 2,77 |
| 9 | 1115 | KBsym | IBH | BK | | 1 | 400 | 200 | 0,49 | 2 | 0,00 | 0 | 798 | 2,77 |
| | | | | | | 2 | 400 | 200 | 0,00 | 0 | 0,00 | 0 | | |
| 10 | 1058 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 798 | 2,77 |
| 11 | 1121 | KBsym | IBH | BK | | 1 | 400 | 200 | 0,27 | 1 | 0,00 | 0 | 798 | 2,77 |
| | | | | | | 2 | 200 | 400 | 0,00 | 0 | 0,00 | 0 | | |
| 12 | 1073 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 798 | 2,77 |
| 13 | 1072 | KTaR | IBH | BK | | 1 | 400 | 200 | 1,81 | 4 | 0,00 | 0 | 558 | 1,94 |
| | | | | | | 2 | 200 | 400 | 0,00 | 0 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,61 | 4 | 0,00 | 0 | | |
| 14 | 1076 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 558 | 1,94 |
| 15 | 1075 | KTaR | IBH | BK | | 1 | 400 | 200 | 7,42 | 3 | 0,00 | 0 | 240 | 0,83 |
| | | | | | | 2 | 200 | 400 | 0,00 | 0 | 0,00 | 0 | | |
| | | | | | | 3 | | 160 | 0,19 | 2 | 0,00 | 0 | | |
| 16 | 649 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 318 | 4,39 |
| 17 | 741 | RKomp | TRO | BSK | 01 | | | 160 | 0,67 | 8 | 0,00 | 0 | 318 | 4,39 |
| 18 | 742 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 318 | 4,39 |
| 19 | 749 | RKomp | STD | SEG | 01 | | | 160 | 0,00 | 0 | 0,00 | 0 | 318 | 4,39 |
| 20 | 750 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 318 | 4,39 |
| 21 | 3420 | RKomp | TRO | KVS | 01 | | | 160 | 0,00 | 50 | 0,00 | 0 | 318 | 4,39 |
| 22 | 3421 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 318 | 4,39 |
| 23 | 675 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 318 | 4,39 |
| | | | | | | 2 | | 160 | 1,17 | 8 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 2,29 | 9 | 0,00 | 0 | | |
| 24 | 674 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| 25 | 676 | RBgla | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| | | | | | | 2 | | 160 | 0,47 | 3 | 0,00 | 0 | | |
| 26 | 666 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| 27 | 734 | RÜsym | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| | | | | | | 2 | | 160 | 0,00 | 0 | 0,00 | 0 | | |
| 28 | 735 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| 29 | 679 | RKomp | TRO | SD | 01 | | | 160 | 0,00 | 4 | 0,00 | 0 | 246 | 3,40 |
| 30 | 672 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| 31 | 1224 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 246 | 3,40 |
| | | | | | | 2 | | 160 | 0,95 | 4 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 2,87 | 5 | 0,00 | 0 | | |



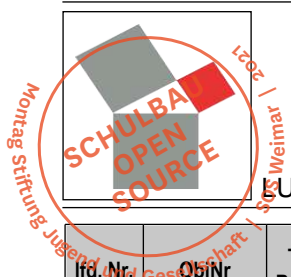
LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| Ird.-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] | | | | | | |
| 32 | 681 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 33 | 737 | RÜasy | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| | | | | | | 2 | | 160 | 0,00 | 0 | 0,00 | 0 | | |
| 34 | 738 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 35 | 688 | RKomp | TRO | BSK | 01 | | | 160 | 0,67 | 3 | 0,00 | 0 | 198 | 2,74 |
| 36 | 689 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 37 | 753 | RKomp | STD | SEG | 01 | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 38 | 754 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 39 | 1943 | RÜasy | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| | | | | | | 2 | | 160 | 0,00 | 0 | 0,00 | 0 | | |
| 40 | 1944 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 41 | 690 | RKomp | TRO | SD | 01 | | | 160 | 0,00 | 4 | 0,00 | 0 | 198 | 2,74 |
| 42 | 687 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| 43 | 1945 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 198 | 2,74 |
| | | | | | | 2 | | 160 | 16,36 | 7 | 0,00 | 0 | | |
| | | | | | | 3 | | 125 | 0,88 | 5 | 0,00 | 0 | | |
| 44 | 713 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 60 | 0,83 |
| 45 | 1946 | RÜasy | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 60 | 0,83 |
| | | | | | | 2 | | 100 | -0,74 | -2 | 0,00 | 0 | | |
| 46 | 1947 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 47 | 757 | RKomp | STD | SEG | 01 | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 48 | 758 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 49 | 715 | RKomp | TRO | BSK | 01 | | | 100 | 1,71 | 5 | 0,00 | 0 | 60 | 2,12 |
| 50 | 716 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 51 | 743 | RÜasy | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| | | | | | | 2 | | 100 | 0,00 | 0 | 0,00 | 0 | | |
| 52 | 744 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 53 | 691 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 60 | 2,12 |
| 54 | 692 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 55 | 693 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| | | | | | | 2 | | 100 | 0,50 | 1 | 0,00 | 0 | | |
| 56 | 686 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 57 | 736 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 58 | 685 | RLa | STD | 1TV | | | | 100 | 1,20 | 3 | 0,00 | 0 | 60 | 2,12 |
| 59 | 711 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 138 | 3,12 |
| 60 | 714 | Rflex | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 138 | 3,12 |
| 61 | 684 | RLa | STD | 1TV | | | | 125 | 1,20 | 7 | 0,00 | 0 | 138 | 3,12 |
| 62 | 1057 | Kanal | IBH | BK | | | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 240 | 0,83 |
| 63 | 344 | KRÜsy | IBH | BK | | 1 | 400 | 200 | 0,00 | 0 | 0,00 | 0 | 240 | 0,83 |
| | | | | | | 2 | | 160 | -0,47 | -3 | 0,00 | 0 | | |
| 64 | 345 | Rohr | IBH | FA1 | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 65 | 1047 | RBgla | IBH | FA1 | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| | | | | | | 2 | | 160 | 0,48 | 3 | 0,00 | 0 | | |
| 66 | 899 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 67 | 990 | RKomp | TRO | BSK | 01 | | | 160 | 0,67 | 4 | 0,00 | 0 | 240 | 3,32 |
| 68 | 991 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 69 | 998 | RKomp | STD | SEG | 01 | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 70 | 999 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |



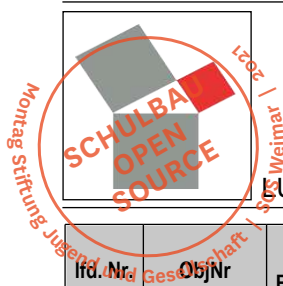
LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| 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] | | | | | | |
| 71 | 3416 | RKomp | TRO | KVS | 01 | | | 160 | 0,00 | 50 | 0,00 | 0 | 240 | 3,32 |
| 72 | 3417 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 73 | 924 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| | | | | | | 2 | | 160 | 1,81 | 6 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 1,47 | 6 | 0,00 | 0 | | |
| 74 | 923 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 75 | 925 | RBgla | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| | | | | | | 2 | | 160 | 0,50 | 2 | 0,00 | 0 | | |
| 76 | 915 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 77 | 983 | RÜsym | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| | | | | | | 2 | | 160 | 0,00 | 0 | 0,00 | 0 | | |
| 78 | 984 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 79 | 928 | RKomp | TRO | SD | 01 | | | 160 | 0,00 | 4 | 0,00 | 0 | 168 | 2,32 |
| 80 | 921 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 81 | 1186 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| | | | | | | 2 | | 160 | 1,67 | 3 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 1,59 | 3 | 0,00 | 0 | | |
| 82 | 1187 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 120 | 1,66 |
| 83 | 986 | RÜasy | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 120 | 1,66 |
| | | | | | | 2 | | 125 | -0,58 | -3 | 0,00 | 0 | | |
| 84 | 987 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 85 | 937 | RKomp | TRO | BSK | 01 | | | 125 | 1,08 | 5 | 0,00 | 0 | 120 | 2,72 |
| 86 | 938 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 87 | 1002 | RKomp | STD | SEG | 01 | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 88 | 1003 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 89 | 1278 | RTaR | IBH | WFB | | 1 | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| | | | | | | 2 | | 125 | 5,10 | 6 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 1,87 | 5 | 0,00 | 0 | | |
| 90 | 1279 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| 91 | 939 | RKomp | TRO | SD | 01 | | | 125 | 0,00 | 6 | 0,00 | 0 | 60 | 1,36 |
| 92 | 936 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| 93 | 1283 | RÜasy | IBH | WFB | | 1 | | 100 | -0,55 | -1 | 0,00 | 0 | 60 | 2,12 |
| | | | | | | 2 | | 125 | 0,00 | 0 | 0,00 | 0 | | |
| 94 | 1284 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 95 | 1263 | RKomp | TRO | BSK | 01 | | | 100 | 1,71 | 5 | 0,00 | 0 | 60 | 2,12 |
| 96 | 1264 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 97 | 1268 | RKomp | STD | SEG | 01 | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 98 | 962 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 99 | 992 | RÜasy | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| | | | | | | 2 | | 100 | 0,00 | 0 | 0,00 | 0 | | |
| 100 | 941 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 101 | 942 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| | | | | | | 2 | | 100 | 0,50 | 1 | 0,00 | 0 | | |
| 102 | 935 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 103 | 985 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 104 | 934 | RLa | STD | 1TV | | | | 100 | 1,20 | 3 | 0,00 | 0 | 60 | 2,12 |
| 105 | 333 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 106 | 616 | RKomp | TRO | BSK | 01 | | | 160 | 0,67 | 4 | 0,00 | 0 | 240 | 3,32 |



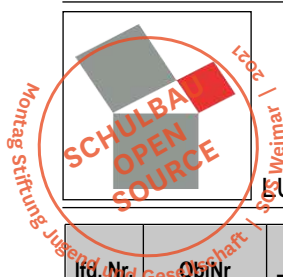
LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| Ird.-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] | | | | | | |
| 107 | 617 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 108 | 627 | RKomp | STD | SEG | 01 | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 109 | 628 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 110 | 3424 | RKomp | TRO | KVS | 01 | | | 160 | 0,00 | 50 | 0,00 | 0 | 240 | 3,32 |
| 111 | 3425 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| 112 | 473 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 240 | 3,32 |
| | | | | | | 2 | | 160 | 1,81 | 6 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 1,47 | 6 | 0,00 | 0 | | |
| 113 | 470 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 114 | 478 | RBgla | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| | | | | | | 2 | | 160 | 0,50 | 2 | 0,00 | 0 | | |
| 115 | 437 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 116 | 607 | RÜsym | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| | | | | | | 2 | | 160 | 0,00 | 0 | 0,00 | 0 | | |
| 117 | 608 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 118 | 479 | RKomp | TRO | SD | 01 | | | 160 | 0,00 | 4 | 0,00 | 0 | 168 | 2,32 |
| 119 | 466 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| 120 | 1205 | RTaR | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 168 | 2,32 |
| | | | | | | 2 | | 160 | 1,67 | 3 | 0,00 | 0 | | |
| | | | | | | 3 | | 80 | 0,55 | 2 | 0,00 | 0 | | |
| 121 | 482 | Rohr | IBH | WFB | | | | 160 | 0,00 | 0 | 0,00 | 0 | 120 | 1,66 |
| 122 | 612 | RÜasy | IBH | WFB | | 1 | | 160 | 0,00 | 0 | 0,00 | 0 | 120 | 1,66 |
| | | | | | | 2 | | 125 | -0,58 | -3 | 0,00 | 0 | | |
| 123 | 613 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 124 | 511 | RKomp | TRO | BSK | 01 | | | 125 | 1,08 | 5 | 0,00 | 0 | 120 | 2,72 |
| 125 | 512 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 126 | 631 | RKomp | STD | SEG | 01 | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 127 | 632 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 128 | 518 | RKomp | TRO | SD | 01 | | | 125 | 0,00 | 6 | 0,00 | 0 | 120 | 2,72 |
| 129 | 509 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| 130 | 568 | RTaR | IBH | WFB | | 1 | | 125 | 0,00 | 0 | 0,00 | 0 | 120 | 2,72 |
| | | | | | | 2 | | 125 | 5,10 | 6 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 1,87 | 5 | 0,00 | 0 | | |
| 131 | 569 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| 132 | 637 | RKomp | STD | SEG | 01 | | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| 133 | 638 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| 134 | 574 | RKomp | TRO | BSK | 01 | | | 125 | 1,08 | 1 | 0,00 | 0 | 60 | 1,36 |
| 135 | 575 | Rohr | IBH | WFB | | | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| 136 | 618 | RÜasy | IBH | WFB | | 1 | | 125 | 0,00 | 0 | 0,00 | 0 | 60 | 1,36 |
| | | | | | | 2 | | 100 | -0,55 | -1 | 0,00 | 0 | | |
| 137 | 619 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 138 | 521 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 60 | 2,12 |
| 139 | 522 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 140 | 611 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| | | | | | | 2 | | 100 | 0,50 | 1 | 0,00 | 0 | | |
| 141 | 504 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 142 | 609 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 143 | 503 | RLa | STD | 1TV | | | | 100 | 1,20 | 3 | 0,00 | 0 | 60 | 2,12 |



LUFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| Ird.-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] | | | | | | |
| 144 | 1223 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| 145 | 1227 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| | | | | | | 2 | | 100 | 0,50 | 1 | 0,00 | 0 | | |
| 146 | 1226 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| 147 | 1231 | RBgla | IBH | WFB | | 1 | | 100 | 0,50 | 1 | 0,00 | 0 | 48 | 1,70 |
| | | | | | | 2 | | 100 | 0,00 | 0 | 0,00 | 0 | | |
| 148 | 1220 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| 149 | 1233 | RTaR | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| | | | | | | 2 | | 100 | 5,10 | 2 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 4,80 | 2 | 0,00 | 0 | | |
| 150 | 1234 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 151 | 1221 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 24 | 0,85 |
| 152 | 1222 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 153 | 1236 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 154 | 683 | RLa | STD | 1TV | | | | 100 | 1,20 | 1 | 0,00 | 0 | 24 | 0,85 |
| 155 | 567 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 156 | 570 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 157 | 501 | RLa | STD | 1TV | | | | 100 | 1,20 | 3 | 0,00 | 0 | 60 | 2,12 |
| 158 | 1277 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 60 | 2,12 |
| 159 | 1281 | RLa | STD | 1TV | | | | 100 | 1,20 | 3 | 0,00 | 0 | 60 | 2,12 |
| 160 | 1232 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 161 | 1235 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 162 | 671 | RLa | STD | 1TV | | | | 100 | 1,20 | 1 | 0,00 | 0 | 24 | 0,85 |
| 163 | 1185 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| 164 | 1189 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| | | | | | | 2 | | 100 | 0,50 | 1 | 0,00 | 0 | | |
| 165 | 1188 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| 166 | 1196 | RBgla | IBH | WFB | | 1 | | 100 | 0,50 | 1 | 0,00 | 0 | 48 | 1,70 |
| | | | | | | 2 | | 100 | 0,00 | 0 | 0,00 | 0 | | |
| 167 | 1173 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| 168 | 1198 | RTaR | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 48 | 1,70 |
| | | | | | | 2 | | 100 | 5,10 | 2 | 0,00 | 0 | | |
| | | | | | | 3 | | 100 | 4,80 | 2 | 0,00 | 0 | | |
| 169 | 1199 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 170 | 1175 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 24 | 0,85 |
| 171 | 1176 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 172 | 1192 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 173 | 932 | RLa | STD | 1TV | | | | 100 | 1,20 | 1 | 0,00 | 0 | 24 | 0,85 |
| 174 | 1204 | Rohr | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 48 | 2,65 |
| 175 | 1208 | RBgla | IBH | WFB | | 1 | | 80 | 0,00 | 0 | 0,00 | 0 | 48 | 2,65 |
| | | | | | | 2 | | 80 | 0,50 | 2 | 0,00 | 0 | | |
| 176 | 1207 | Rohr | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 48 | 2,65 |
| 177 | 1212 | RBgla | IBH | WFB | | 1 | | 80 | 0,50 | 2 | 0,00 | 0 | 48 | 2,65 |
| | | | | | | 2 | | 80 | 0,00 | 0 | 0,00 | 0 | | |
| 178 | 1201 | Rohr | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 48 | 2,65 |
| 179 | 1214 | RTaR | IBH | WFB | | 1 | | 80 | 0,00 | 0 | 0,00 | 0 | 48 | 2,65 |
| | | | | | | 2 | | 80 | 5,10 | 5 | 0,00 | 0 | | |
| | | | | | | 3 | | 80 | 4,80 | 5 | 0,00 | 0 | | |



LÜFTKANALNETZBERECHNUNG Anlage: 180505 SOS WEIMAR

| Ird.-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] | | | | | | |
| 180 | 1215 | Rohr | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 24 | 1,33 |
| 181 | 1202 | RKomp | TRO | SD | 01 | | | 80 | 0,00 | 6 | 0,00 | 0 | 24 | 1,33 |
| 182 | 1203 | Rohr | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 24 | 1,33 |
| 183 | 1238 | Rflex | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 24 | 1,33 |
| 184 | 495 | RLa | STD | 1TV | | | | 80 | 1,20 | 1 | 0,00 | 0 | 24 | 1,33 |
| 185 | 673 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 186 | 678 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| | | | | | | 2 | | 100 | 0,50 | 2 | 0,00 | 0 | | |
| 187 | 677 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 188 | 669 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 72 | 2,55 |
| 189 | 670 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 190 | 668 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 191 | 667 | RLa | STD | 1TV | | | | 100 | 1,20 | 5 | 0,00 | 0 | 72 | 2,55 |
| 192 | 922 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 193 | 927 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| | | | | | | 2 | | 100 | 0,50 | 2 | 0,00 | 0 | | |
| 194 | 926 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 195 | 918 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 72 | 2,55 |
| 196 | 919 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 197 | 917 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 198 | 916 | RLa | STD | 1TV | | | | 100 | 1,20 | 5 | 0,00 | 0 | 72 | 2,55 |
| 199 | 1197 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 200 | 1200 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 24 | 0,85 |
| 201 | 920 | RLa | STD | 1TV | | | | 100 | 1,20 | 1 | 0,00 | 0 | 24 | 0,85 |
| 202 | 1213 | Rohr | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 24 | 1,33 |
| 203 | 1237 | Rflex | IBH | WFB | | | | 80 | 0,00 | 0 | 0,00 | 0 | 24 | 1,33 |
| 204 | 463 | RLa | STD | 1TV | | | | 80 | 1,20 | 1 | 0,00 | 0 | 24 | 1,33 |
| 205 | 468 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 206 | 476 | RBgla | IBH | WFB | | 1 | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| | | | | | | 2 | | 100 | 0,50 | 2 | 0,00 | 0 | | |
| 207 | 475 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 208 | 449 | RKomp | TRO | SD | 01 | | | 100 | 0,00 | 6 | 0,00 | 0 | 72 | 2,55 |
| 209 | 450 | Rohr | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 210 | 448 | Rflex | IBH | WFB | | | | 100 | 0,00 | 0 | 0,00 | 0 | 72 | 2,55 |
| 211 | 447 | RLa | STD | 1TV | | | | 100 | 1,20 | 5 | 0,00 | 0 | 72 | 2,55 |
| 1 | 1069 | KVent | IBH | BK | | | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| 212 | 1070 | Kanal | IBH | BK | | | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| 213 | 1108 | KÜasy | IBH | BK | | 1 | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| | | | | | | 2 | 300 | 300 | 0,00 | 0 | 0,00 | 0 | | |
| 214 | 1109 | Kanal | IBH | BK | | | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| 215 | 1132 | KÜasy | IBH | BK | | 1 | 300 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 2,46 |
| | | | | | | 2 | 600 | 300 | -2,20 | -2 | 0,00 | 0 | | |
| 216 | 1133 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 1,23 |
| 217 | 1141 | KKomp | STD | SD | 01 | | 600 | 300 | 0,85 | 16 | 0,00 | 15 | 798 | 1,23 |
| 218 | 1142 | Kanal | IBH | BK | | | 600 | 300 | 0,00 | 0 | 0,00 | 0 | 798 | 1,23 |
| 219 | 1077 | KGiB | STD | WSG | | | 600 | 300 | 2,50 | 2 | 0,00 | 0 | 798 | 1,23 |



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 | | | | |
| 157 | 501 | 3 | 2.OG | ALLG | 11 | | C 2.12 | STD | 1TV | Tellerventil | 60 | 1,20 | 3 | 26 |
| 184 | 495 | 3 | 2.OG | SAN | 13 | | C 2.11 | STD | 1TV | Tellerventil | 24 | 1,20 | 1 | 32 |
| 204 | 463 | 3 | 2.OG | SAN | 14 | | C 2.10 | STD | 1TV | Tellerventil | 24 | 1,20 | 1 | 38 |
| 211 | 447 | 3 | 2.OG | SAN | 15 | | C 2.09 | STD | 1TV | Tellerventil | 72 | 1,20 | 5 | 44 |
| 143 | 503 | 3 | 2.OG | TEC | 10 | | C 2.13 | STD | 1TV | Tellerventil | 60 | 1,20 | 3 | 17 |
| 61 | 684 | 3 | 1.OG | SAN | 11 | | C 1.12 | STD | 1TV | Tellerventil | 138 | 1,20 | 7 | 10 |
| 154 | 683 | 3 | 1.OG | SAN | 13 | | C 1.11 | STD | 1TV | Tellerventil | 24 | 1,20 | 1 | 24 |
| 162 | 671 | 3 | 1.OG | SAN | 14 | | C 1.10 | STD | 1TV | Tellerventil | 24 | 1,20 | 1 | 30 |
| 191 | 667 | 3 | 1.OG | SAN | 15 | | C 1.09 | STD | 1TV | Tellerventil | 72 | 1,20 | 5 | 33 |
| 58 | 685 | 3 | 1.OG | TEC | 10 | | C 1.13 | STD | 1TV | Tellerventil | 60 | 1,20 | 3 | 0 |
| 159 | 1281 | 3 | EG | ALLG | 8 | | C 0.12 Putzmittel | STD | 1TV | Tellerventil | 60 | 1,20 | 3 | 27 |
| 198 | 916 | 3 | EG | SAN | 2 | | C 0.09 WC Barrierefrei | STD | 1TV | Tellerventil | 72 | 1,20 | 5 | 36 |
| 201 | 920 | 3 | EG | SAN | 5 | | C 0.10 | STD | 1TV | Tellerventil | 24 | 1,20 | 1 | 37 |
| 173 | 932 | 3 | EG | SAN | 6 | | C 0.11 | STD | 1TV | Tellerventil | 24 | 1,20 | 1 | 31 |
| 104 | 934 | 3 | EG | TEC | 9 | | C 0.13 HAR Technik | STD | 1TV | Tellerventil | 60 | 1,20 | 3 | 12 |
| 219 | 1077 | | | | | | | STD | WSG | Wetterschutzgitter | 798 | 2,50 | 2 | 0 |