# TYR ROTARY LOBE BLOWERS

## Technical overview
## Generation C
## Overpressure

# TYR WT 0100 – 0730 C
# Rotary Lobe Blowers – Overpressure

• ISO standard reference conditions ($T_1$=20°C, altitude = 0m, dry air)
• Noise level according to ISO 2151
• Parameters and tolerances according to ISO 1217

• Units marked with blue color can be used only with cooling system
• Units marked with green color require belt drive for high load
• Units with ④: if $T_1 \geq 40$°C cooling system must be used
• Units with ③: if $T_1 \geq 30$°C cooling system must be used
• Units with ❹: if $T_1 \geq 40$°C these units can not be used
• Units with ❸: if $T_1 \geq 30$°C these units can not be used

| | |
|---|---|
| **dP** | Differential pressure (incl. losses) |
| **HL** | Belt drive for high load |
| **Q** | Inlet flow |
| **T1** | Inlet air temperature |
| **$T_2$** | Outlet air temperature |
| **Pk** | Power consumption |
| **Pm** | Nominal motor rating |
| **Ng** | Rotational speed of blower |
| **Nm** | Rotational speed of motor |
| **Motor frame** | Motor size with poles |
| **i** | Diameter of blower pulley / motor pulley |
| **X** | Quantity and type of v-belt |
| **f(stat) (Hz)** | Frequency of v-belt tension by laser tool |
| **Te(mm)/Fe(N)** | Values for tension of v-belt by „Belt Tension Tester“<br>Te: indentation depth<br>Fe: test force |
| **Lp(A) (dB)** | Noise level without / with acoustic enclosure |

| dP (mbar) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | **WT 0100** | D114 / DN100 | | | | | | |
| | | Q (m³/h) | $T_2$ (°C) | Pk (kW) | Pm (kW) | Ng (rpm) | Nm (rpm) | Motor frame | i | X | f(stat) (Hz) | Te(mm)/ Fe(N) | Lp(A) (dB) |
| 300 | 01 | 152 | 56 | 2,01 | 3 | 1632 | 1460 | 100-4 | 85/95 | 1/XPA/1055 | 76 | 11 / 50 | 71/66 |
| | 02 | 212 | 54 | 2,59 | 3 | 2096 | 2910 | 100-2 | 118/85 | 1/XPZ/1080 | 74 | 9 / 25 | 73/67 |
| | 03 | 241 | 53 | 2,87 | 4 | 2328 | 2910 | 112-2 | 100/80 | 1/XPZ/1047 | 87 | 7 / 25 | 74/67 |
| | 04 | 274 | 52 | 3,19 | 4 | 2587 | 2910 | 112-2 | 90/80 | 1/XPZ/1047 | 85 | 8 / 25 | 75/67 |
| | 05 | 341 | 51 | 3,83 | 5,5 | 3106 | 2930 | 132-2 | 100/106 | 1/XPZ/1120 | 90 | 7 / 25 | 78/68 |
| | 06 | 362 | 51 | 4,03 | 5,5 | 3269 | 2930 | 132-2 | 95/106 | 1/XPZ/1120 | 85 | 8 / 25 | 79/68 |
| | 07 | 394 | 51 | 4,34 | 5,5 | 3516 | 2930 | 132-2 | 75/90 | 2/XPZ/1060 | 66 | 10 / 25 | 80/69 |
| | 08 | 419 | 51 | 4,58 | 5,5 | 3711 | 2930 | 132-2 | 75/95 | 2/XPZ/1060 | 69 | 10 / 25 | 81/69 |
| | 09 | 445 | 51 | 5,02 | 5,5 | 4068 | 2930 | 132-2 | 85/118 | 2/XPZ/1140 | 62 | 11 / 25 | 82/69 |
| | 10 | 494 | 50 | 5,3 | 7,5 | 4297 | 2930 | 132-2 | 90/132 | 1/XPA/1150 | 74 | 11 / 50 | 83/69 |
| | 11 | 535 | 50 | 5,69 | 7,5 | 4610 | 2930 | 132-2 | 75/118 | 2/XPZ/1112 | 72 | 10 / 25 | 85/70 |
| 400 | 13 | 154 | 68 | 2,76 | 4 | 1718 | 1460 | 112-4 | 85/100 | 2/XPZ/1060 | 76 | 9 / 25 | 72/67 |
| | 14 | 215 | 65 | 3,53 | 4 | 2196 | 2910 | 112-2 | 106/80 | 1/XPZ/1060 | 87 | 8 / 25 | 75/68 |
| | 15 | 248 | 64 | 3,92 | 5,5 | 2442 | 2930 | 132-2 | 150/125 | 2/XPZ/1250 | 61 | 11 / 25 | 76/68 |
| | 16 | 272 | 63 | 4,24 | 5,5 | 2637 | 2930 | 132-2 | 100/90 | 2/XPZ/1120 | 68 | 10 / 25 | 77/68 |
| | 17 | 332 | 62 | 4,99 | 7,5 | 3104 | 2930 | 132-2 | 118/125 | 1/XPZ/1180 | 92 | 7 / 25 | 79/69 |
| | 18 | 360 | 61 | 5,34 | 7,5 | 3321 | 2930 | 132-2 | 75/85 | 2/XPZ/1047 | 78 | 9 / 25 | 80/69 |
| | 19 | 400 | 61 | 5,85 | 7,5 | 3639 | 2930 | 132-2 | 95/118 | 1/XPA/1140 | 76 | 11 / 50 | 81/69 |
| | 20 | 427 | 60 | 6,17 | 7,5 | 3842 | 2930 | 132-2 | 90/118 | 1/XPA/1140 | 75 | 11 / 50 | 82/70 |
| | 21 | 455 | 60 | 6,54 | 7,5 | 4069 | 2930 | 132-2 | 90/125 | 1/XPA/1140 | 75 | 11 / 50 | 83/70 |
| | 22 | 489 | 60 | 6,95 | 11 | 4322 | 2950 | 160-2 | 80/118 | 2/XPZ/1112 | 82 | 8 / 25 | 84/70 |
| 500 | 25 | 158 | 68 | 3,6 | 4 | 1818 | 1460 | 112-4 | 106/132 | 1/XPZ/1137 | 95 | 6 / 25 | 74/67 |
| | 26 | 218 | 70 | 4,53 | 5,5 | 2289 | 2930 | 132-2 | 160/125 | 1/XPZ/1250 | 85 | 8 / 25 | 76/68 |
| | 27 | 244 | 69 | 4,92 | 5,5 | 2485 | 2930 | 132-2 | 125/106 | 1/XPZ/1162 | 85 | 8 / 25 | 77/68 |
| | 28 | 280 | 67 | 5,47 | 7,5 | 2763 | 2930 | 132-2 | 140/132 | 1/XPZ/1230 | 90 | 7 / 25 | 78/69 |
| | 29 | 343 | 65 | 6,45 | 7,5 | 3256 | 2930 | 132-2 | 90/100 | 2/XPZ/1087 | 74 | 9 / 25 | 80/70 |
| | 30 | 368 | 65 | 6,84 | 7,5 | 3453 | 2950 | 132-2 | 112/132 | 1/XPZ/1187 | 90 | 7 / 25 | 81/70 |
| | 31 | 392 | 66 | 7,22 | 11 | 3646 | 2950 | 160-2 | 90/112 | 2/XPZ/1137 | 81 | 8 / 25 | 82/70 |
| | 32 | 424 | 69 | 7,7 | 11 | 3887 | 2950 | 160-2 | 85/112 | 2/XPZ/1137 | 81 | 8 / 25 | 83/70 |
| | 33 | 455 | 71 | 8,18 | 11 | 4130 | 2950 | 160-2 | 80/112 | 2/XPZ/1137 | 80 | 8 / 25 | 84/71 |
| | 34 | 483 | 73 | 8,62 | 11 | 4351 | 2950 | 160-2 | 80/118 | 2/XPZ/1137 | 79 | 8 / 25 | 85/71 |
| 600 | 37 | 152 | 71 | 4,29 | 5,5 | 1821 | 1460 | 132-4 | 85/106 | 2/XPZ/1087 | 85 | 8 / 25 | 75/68 |
| | 38 | 214 | 76 | 5,43 | 7,5 | 2305 | 2930 | 132-2 | 150/118 | 1/XPZ/1230 | 94 | 6 / 25 | 77/69 |
| | 39 | 249 | 77 | 6,07 | 7,5 | 2578 | 2930 | 132-2 | 150/132 | 1/XPZ/1230 | 92 | 7 / 25 | 78/69 |
| | 40 | 274 | 78 | 6,53 | 7,5 | 2773 | 2930 | 132-2 | 112/106 | 1/XPA/1140 | 80 | 10 / 50 | 79/69 |
| | 41 | 337 | 78 | 7,7 | 11 | 3269 | 2950 | 160-2 | 95/106 | 2/XPZ/1120 | 85 | 8 / 25 | 81/70 |
| | 42 | 364 | 77 | 8,18 | 11 | 3474 | 2950 | 160-2 | 90/106 | 2/XPZ/1120 | 84 | 8 / 25 | 82/71 |
| | 43 | 391 | 77 | 8,68 | 11 | 3688 | 2950 | 160-2 | 100/125 | 2/XPA/1157 | 65 | 13 / 50 | 83/71 |
| | 44 | 417 | 78 | 9,17 | 11 | 3894 | 2950 | 160-2 | 100/132 | 2/XPZ/1187 | 81 | 8 / 25 | 84/71 |
| | 45 | 443 | 79 | 9,65 | 11 | 4099 | 2950 | 160-2 | 95/132 | 2/XPZ/1180 | 76 | 9 / 25 | 85/72 |
| | 46 | 482 | 80 | 10,37 | 15 | 4405 | 2950 | 160-2 | 75/112 | 3/XPZ/1112 | 82 | 8 / 25 | 87/72 |
| 700 | 49 | 159 | 93 | 5,26 | 7,5 | 1927 | 1460 | 132-4 | 100/132 | 2/XPZ/1162 | 88 | 7 / 25 | 76/69 |
| | 50 | 214 | 97 | 6,42 | 7,5 | 2353 | 2930 | 132-2 | 132/106 | 1/XPA/1180 | 79 | 10 / 50 | 78/69 |
| | 51 | 244 | 94 | 7,08 | 11 | 2596 | 2950 | 160-2 | 150/132 | 1/XPA/1250 | 86 | 9 / 50 | 79/70 |
| | 52 | 271 | 92 | 7,64 | 11 | 2800 | 2950 | 160-2 | 118/112 | 2/XPZ/1162 | 83 | 8 / 25 | 80/70 |
| | 53 | 334 | 89 | 8,98 | 11 | 3292 | 2950 | 160-2 | 95/106 | 2/XPZ/1112 | 85 | 8 / 25 | 83/71 |
| | 54 | 358 | 88 | 9,5 | 11 | 3481 | 2950 | 160-2 | 100/118 | 2/XPZ/1140 | 82 | 8 / 25 | 83/71 |
| | 55 | 384 | 85 | 10,1 | 15 | 3688 | 2950 | 160-2 | 100/125 | 2/XPZ/1162 | 79 | 8 / 25 | 84/72 |
| | 56 | 436 | 78 | 11,17 | 15 | 4095 | 2950 | 160-2 | 85/118 | 2/XPZ/1140 | 84 | 8 / 25 | 86/72 |
| | 58 | 466 | 80 | 11,8 | 15 | 4327 | 2950 | 160-2 | 90/132 | 2/XPZ/1162 | 85 | 7 / 25 | 87/73 |
| | 59 | 499 | 84 | 12,5 | 15 | 4581 | 2950 | 160-2 | 85/132 | 2/XPZ/1162 | 86 | 7 / 25 | 89/73 |
| 800 | 61 | 154 | 105 | 6,02 | 7,5 | 1941 | 2930 | 132-2 | 160/106 | 1/XPA/1232 | 79 | 10 / 50 | 77/69 |
| | 62 | 221 | 103 | 7,63 | 11 | 2458 | 2950 | 160-2 | 150/125 | 2/XPZ/1230 | 80 | 8 / 25 | 80/70 |
| | 63 | 245 | 103 | 8,2 | 11 | 2644 | 2950 | 160-2 | 106/95 | 2/XPZ/1112 | 89 | 7 / 25 | 80/70 |
| | 64 | 265 | 102 | 8,69 | 11 | 2803 | 2950 | 160-2 | 100/95 | 2/XPZ/1112 | 80 | 8 / 25 | 81/71 |
| | 65 | 352 | 99 | 10,8 | 15 | 3481 | 2950 | 160-2 | 100/118 | 2/XPZ/1150 | 81 | 8 / 25 | 84/72 |
| | 66 | 375 | 96 | 11,37 | 15 | 3664 | 2950 | 160-2 | 95/118 | 2/XPZ/1140 | 84 | 8 / 25 | 85/72 |
| | 67 | 403 | 91 | 12,04 | 15 | 3882 | 2950 | 160-2 | 95/125 | 2/XPZ/1162 | 82 | 8 / 25 | 86/73 |
| | 68 | 431 | 87 | 12,72 | 15 | 4099 | 2950 | 160-2 | 95/132 | 2/XPZ/1162 | 84 | 8 / 25 | 87/73 |
| | 69 | 460 | 89 | 13,42 | 15 | 4327 | 2950 | 160-2 | 90/132 | 2/XPZ/1162 | 86 | 7 / 25 | 88/74 |
| | 70 | 494 | 94 | 14,26 | 18,5 | 4597 | 2960 | 160-2 | 85/132 | 2/XPA/1150 | 86 | 12 / 50 | 90/74 |
| 900 | 74 ③ | 212 | 116 | 8,46 | 11 | 2434 | 2950 | 160-2 | 160/132 | 2/XPZ/1280 | 76 | 9 / 25 | 80/71 |
| | 75 ③ | 239 | 112 | 9,19 | 11 | 2643 | 2950 | 160-2 | 125/112 | 2/XPZ/1180 | 82 | 8 / 25 | 81/71 |
| | 76 | 278 | 106 | 10,26 | 15 | 2950 | 2950 | 160-2 | 125/125 | 2/XPZ/1212 | 77 | 9 / 25 | 83/72 |
| | 77 | 323 | 107 | 11,49 | 15 | 3304 | 2950 | 160-2 | 100/112 | 2/XPZ/1140 | 86 | 7 / 25 | 85/72 |
| | 78 | 370 | 105 | 12,77 | 15 | 3674 | 2950 | 160-2 | 106/132 | 2/XPZ/1212 | 81 | 8 / 25 | 86/73 |
| | 79 ③ | 398 | 101 | 13,54 | 15 | 3894 | 2950 | 160-2 | 100/132 | 2/XPZ/1187 | 85 | 7 / 25 | 87/74 |
| | 80 ③ | 427 | 97 | 14,3 | 18,5 | 4113 | 2960 | 160-2 | 95/132 | 2/XPZ/1187 | 84 | 7 / 25 | 88/74 |
| | 81 ③ | 459 | 102 | 15,16 | 18,5 | 4362 | 2960 | 160-2 | 95/140 | 2/XPA/1180 | 72 | 12 / 50 | 90/75 |
| | 82 ③ | 476 | 106 | 15,62 | 18,5 | 4493 | 2960 | 160-2 | 112/170 | 2/XPZ/1250 | 86 | 7 / 25 | 90/75 |
| 1000 | 86 ④ | 215 | 123 | 9,63 | 11 | 2502 | 2950 | 160-2 | 125/106 | 2/XPZ/1180 | 83 | 8 / 25 | 82/71 |
| | 87 ③ | 251 | 116 | 10,71 | 15 | 2781 | 2950 | 160-2 | 140/132 | 1/XPA/1250 | 84 | 9 / 50 | 83/2 |
| | 88 ③ | 272 | 111 | 11,36 | 15 | 2950 | 2950 | 160-2 | 125/125 | 2/XPZ/1202 | 82 | 8 / 25 | 84/72 |
| | 89 ③ | 340 | 118 | 13,39 | 15 | 3478 | 2950 | 160-2 | 112/132 | 2/XPZ/1202 | 85 | 7 / 25 | 86/73 |
| | 90 ④ | 365 | 116 | 14,14 | 18,5 | 3674 | 2960 | 160-2 | 106/132 | 2/XPZ/1202 | 84 | 7 / 25 | 87/74 |
| | 91 ④ | 393 | 111 | 14,99 | 18,5 | 3894 | 2960 | 160-2 | 100/132 | 2/XPZ/1187 | 88 | 7 / 25 | 88/74 |
| | 92 ④ | 431 | 107 | 16,13 | 18,5 | 4189 | 2960 | 160-2 | 106/150 | 2/XPA/1207 | 73 | 12 / 50 | 90/75 |
| | 94 ④ | 470 | 106 | 15,62 | 18,5 | 4493 | 2930 | 160-2 | 112/170 | 2/XPZ/1250 | 86 | 7 / 25 | 90/75 |

| dP (mbar) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | **WT 0150** | D114 / DN100 | | | | | | |
| | | Q (m³/h) | $T_2$ (°C) | Pk (kW) | Pm (kW) | Ng (rpm) | Nm (rpm) | Motor frame | i | X | f(stat) (Hz) | Te(mm)/ Fe(N) | Lp(A) (dB) |
| 300 | 01 | 485 | 52 | 5,5 | 7,5 | 2930 | 2930 | 132-2 | 125/125 | 1/XPZ/1187 | 92 | 7 / 25 | 79/70 |
| | 02 | 517 | 51 | 5,81 | 7,5 | 3094 | 2930 | 132-2 | 125/132 | 1/XPZ/1202 | 90 | 7 / 25 | 80/70 |
| | 03 | 553 | 51 | 6,16 | 7,5 | 3278 | 2930 | 132-2 | 118/132 | 1/XPZ/1202 | 89 | 7 / 25 | 81/71 |
| | 04 | 587 | 51 | 6,49 | 7,5 | 3453 | 2930 | 132-2 | 112/132 | 1/XPZ/1202 | 88 | 7 / 25 | 82/72 |
| | 05 | 604 | 51 | 6,65 | 7,5 | 3540 | 2930 | 132-2 | 75/90 | 2/XPZ/1060 | 76 | 9 / 25 | 82/71 |
| | 06 | 632 | 51 | 6,93 | 11 | 3688 | 2950 | 160-2 | 100/125 | 2/XPZ/1150 | 80 | 8 / 25 | 83/72 |
| | 07 | 673 | 51 | 7,31 | 11 | 3894 | 2950 | 160-2 | 100/132 | 2/XPZ1162 | 79 | 9 / 25 | 84/72 |
| | 08 | 714 | 50 | 7,7 | 11 | 4099 | 2950 | 160-2 | 95/132 | 2/XPZ/1162 | 78 | 9 / 25 | 85/73 |
| | 09 | 758 | 50 | 8,13 | 11 | 4327 | 2950 | 160-2 | 90/132 | 2/XPZ/1187 | 78 | 9 / 25 | 86/73 |
| | 10 | 808 | 50 | 8,6 | 11 | 4581 | 2950 | 160-2 | 85/132 | 2/XPZ/1162 | 77 | 9 / 25 | 87/74 |
| 400 | 13 | 476 | 62 | 7,22 | 11 | 2950 | 2950 | 160-2 | 132/132 | 1/XPA/1207 | 88 | 9 / 50 | 80/71 |
| | 14 | 511 | 61 | 7,65 | 11 | 3127 | 2950 | 160-2 | 100/106 | 2/XPA/1120 | 69 | 13 / 50 | 81/71 |
| | 15 | 544 | 61 | 8,08 | 11 | 3300 | 2950 | 160-2 | 118/132 | 2/XPZ/1202 | 77 | 9 / 25 | 82/72 |
| | 16 | 579 | 61 | 8,51 | 11 | 3477 | 2950 | 160-2 | 112/132 | 2/XPZ/1202 | 76 | 9 / 25 | 82/72 |
| | 17 | 617 | 61 | 8,99 | 11 | 3674 | 2950 | 160-2 | 106/132 | 2/XPZ/1180 | 78 | 9 / 25 | 83/72 |
| | 18 | 655 | 60 | 9,46 | 11 | 3868 | 2950 | 160-2 | 90/118 | 2/XPZ/1120 | 82 | 8 / 25 | 84/73 |
| | 19 | 668 | 60 | 9,63 | 11 | 3933 | 2950 | 160-2 | 75/100 | 3/XPZ/1077 | 72 | 10 / 25 | 85/73 |
| | 20 | 700 | 60 | 10,03 | 15 | 4099 | 2950 | 160-2 | 95/132 | 2/XPZ/1150 | 76 | 9 / 25 | 85/73 |
| | 21 | 745 | 60 | 10,59 | 15 | 4327 | 2950 | 160-2 | 90/132 | 2/XPZ/1150 | 79 | 9 / 25 | 86/74 |
| | 22 | 794 | 60 | 11,21 | 15 | 4381 | 2950 | 160-2 | 85/132 | 3/XPZ/1150 | 68 | 10 / 25 | 88/74 |
| 500 | 25 | 497 | 61 | 9,43 | 11 | 3125 | 2950 | 160-2 | 118/125 | 2/XPZ/1202 | 77 | 9 / 25 | 82/72 |
| | 26 | 528 | 61 | 9,91 | 11 | 3284 | 2950 | 160-2 | 106/118 | 2/XPZ/1150 | 81 | 8 / 25 | 82/72 |
| | 27 | 565 | 62 | 10,47 | 15 | 3471 | 2950 | 160-2 | 85/100 | 2/XPZ/1087 | 87 | 7 / 25 | 83/73 |
| | | | | | | | | | | | | | |
| | 29 | 607 | 62 | 11,12 | 15 | 3688 | 2950 | 160-2 | 100/125 | 2/XPZ/1187 | 80 | 10 / 50 | 84/73 |
| | 30 | 642 | 62 | 11,67 | 15 | 3868 | 2950 | 160-2 | 90/118 | 2/XPZ/1140 | 84 | 8 / 25 | 85/74 |
| | 31 | 686 | 62 | 12,35 | 15 | 4095 | 2950 | 160-2 | 85/118 | 2/XPZ/1120 | 85 | 8 / 25 | 86/74 |
| | | | | | | | | | | | | | |
| | 33 | 731 | 63 | 13,05 | 15 | 4327 | 2950 | 160-2 | 90/132 | 2/XPZ/1150 | 85 | 8 / 25 | 87/75 |
| | 34 | 781 | 63 | 13,82 | 18,5 | 4581 | 2960 | 160-2 | 85/132 | 2/XPA/1150 | 71 | 12 / 50 | 88/75 |
| 600 | 37 | 484 | 73 | 11,17 | 15 | 3115 | 2950 | 160-2 | 125/132 | 2/XPZ/1212 | 80 | 8 / 25 | 82/73 |
| | 38 | 520 | 74 | 11,83 | 15 | 3300 | 2950 | 160-2 | 118/132 | 2/XPZ/1212 | 79 | 8 / 25 | 83/73 |
| | 39 | 555 | 75 | 12,47 | 15 | 3477 | 2950 | 160-2 | 112/132 | 2/XPZ/1212 | 81 | 8 / 25 | 84/74 |
| | 40 | 592 | 75 | 13,14 | 15 | 3664 | 2950 | 160-2 | 95/118 | 2/XPZ/1137 | 88 | 7 / 25 | 85/74 |
| | | | | | | | | | | | | | |
| | 42 | 637 | 75 | 13,96 | 18,5 | 3894 | 2960 | 160-2 | 100/132 | 2/XPA/1180 | 70 | 12 / 50 | 86/75 |
| | 43 | 660 | 75 | 14,39 | 18,5 | 4014 | 2960 | 160-2 | 118/160 | 2/XPZ/1250 | 83 | 11 / 50 | 86/75 |
| | 44 | 694 | 76 | 15,02 | 18,5 | 4189 | 2960 | 160-2 | 110/150 | 2/XPZ/1230 | 84 | 8 / 25 | 87/75 |
| | 45 | 728 | 77 | 15,64 | 18,5 | 4362 | 2960 | 160-2 | 95/140 | 2/XPA/1207 | 70 | 12 / 50 | 88/75 |
| | 46 | 754 | 78 | 16,11 | 18,5 | 4493 | 2960 | 160-2 | 112/170 | 2/XPA1257 | 72 | 12 / 50 | 89/76 |
| 700 | 49 | 475 | 78 | 12,94 | 15 | 3115 | 2950 | 160-2 | 125/132 | 2/XPZ/1202 | 87 | 7 / 25 | 83/73 |
| | 50 | 511 | 77 | 13,71 | 18,5 | 3300 | 2960 | 160-2 | 118/132 | 2/XPZ/1202 | 86 | 7 / 25 | 84/74 |
| | 51 | 545 | 77 | 14,44 | 18,5 | 3477 | 2960 | 160-2 | 112/132 | 2/XPZ/1202 | 88 | 7 / 25 | 85/74 |
| | 53 | 601 | 77 | 15,63 | 18,5 | 3763 | 2960 | 160-2 | 118/150 | 2/XPZ/1230 | 88 | 7 / 25 | 86/75 |
| | | | | | | | | | | | | | |
| | 54 | 652 | 77 | 16,72 | 18,5 | 4026 | 2960 | 160-2 | 125/170 | 2/XPZ/1250 | 90 | 7 / 25 | 87/75 |
| | 56 | 698 | 78 | 17,72 | 22 | 4264 | 2960 | 180-2 | 118/170 | 2/XPZ/1250 | 91 | 7 / 25 | 88/76 |
| | 57HL | 721 | 79 | 18,18 | 22 | 4377 | 2960 | 180-2 | 35/56 | W-1200 | 84 | - | 89/76 |
| | 58HL | 768 | 82 | 19,19 | 22 | 4620 | 2960 | 180-2 | 35/56 | W-1200 | 83 | - | 90/77 |
| | | | | | | | | | | | | | |
| 800 | 61 | 476 | 81 | 14,98 | 18,5 | 3171 | 2960 | 160-2 | 140/150 | 2/XPA/1257 | 72 | 12 / 50 | 84/75 |
| | 62 | 518 | 80 | 15,98 | 18,5 | 3383 | 2960 | 160-2 | 140/160 | 2/XPA/1257 | 73 | 12 / 50 | 85/75 |
| | 63 | 559 | 79 | 16,98 | 18,5 | 3594 | 2960 | 160-2 | 140/170 | 2/XPZ/1280 | 88 | 7 / 25 | 86/75 |
| | | | | | | | | | | | | | |
| | 65HL ④ | 611 | 80 | 18,24 | - | 3861 | 2960 | 180-2 | 40/52 | W-1200 | 83 | - | 87/76 |
| | 67HL ④ | 669 | 82 | 19,64 | 22 | 4158 | 2960 | 180-2 | 40/56 | W-1200 | 84 | - | 89/77 |
| | 68HL ③ | 695 | 83 | 20,26 | 30 | 4290 | 2970 | 180-2 | 36/52 | W-1200 | 81 | - | 89/77 |
| | 69HL ③ | 727 | 83 | 21,04 | 30 | 4455 | 2970 | 180-2 | 40/60 | W-1200 | 86 | - | 90/77 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 900 | 73HL ③ | 481 | 113 | 17,15 | 22 | 3240 | 2960 | 180-2 | 44/48 | W-1200 | 82 | - | 90/75 |
| | | | | | | | | | | | | | |
| | 75HL ③ | 544 | 111 | 18,86 | 22 | 3564 | 2960 | 180-2 | 40/48 | W-1200 | 81 | - | 87/76 |
| | 76HL ③ | 573 | 113 | 19,65 | 22 | 3713 | 2960 | 180-2 | 40/50 | W-1200 | 82 | - | 87/77 |
| | 77HL ③ | 602 | 115 | 20,43 | 30 | 3861 | 2970 | 180-2 | 40/52 | W-1200 | 82 | - | 88/77 |
| | 78HL ③ | 641 | 117 | 21,5 | 30 | 4064 | 2970 | 180-2 | 38/52 | W-1200 | 82 | - | 89/78 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| 1000 | 85HL ④ | 485 | 126 | 19,34 | 22 | 3300 | 2960 | 180-2 | 45/50 | W-1200 | 82 | - | 86/77 |
| | | | | | | | | | | | | | |
| | 87HL ④ | 536 | 127 | 20,89 | 30 | 3564 | 2970 | 180-2 | 40/48 | W-1200 | 81 | - | 87/77 |
| | 88HL ④ | 565 | 127 | 21,76 | 30 | 3712 | 2970 | 180-2 | 40/50 | W-1200 | 82 | - | 88/77 |
| | 89HL ④ | 594 | 127 | 22,63 | 30 | 3861 | 2970 | 180-2 | 40/52 | W-1200 | 83 | - | 89/78 |
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| dP (mbar) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | **WT 0280** | D159 / DN150 | | | | | | | |
| | | Q (m³/h) | $T_2$ (°C) | Pk (kW) | Pm (kW) | Ng (rpm) | Nm (rpm) | Motor frame | i | X | f(stat) (Hz) | Te(mm)/ Fe(N) | Lp(A) (dB) |
| 300 | 01 | 698 | 54 | 7,99 | 11 | 2305 | 2950 | 160-2 | 160/125 | 1/XPA/1600 | 62 | 13 / 50 | 81/65 |
| | 02 | 817 | 53 | 9,13 | 11 | 2634 | 2950 | 160-2 | 140/125 | 1/XPA/1582 | 61 | 13 / 50 | 82/67 |
| | 03 | 870 | 53 | 9,64 | 11 | 2781 | 2950 | 160-2 | 140/132 | 1/XPA/1582 | 60 | 13 / 50 | 83/67 |
| | 04 | 994 | 53 | 10,84 | 15 | 3127 | 2950 | 160-2 | 100/106 | 2/XPA/1482 | 55 | 15 / 50 | 85/69 |
| | 05 | 1072 | 52 | 11,58 | 15 | 3343 | 2950 | 160-2 | 150/170 | 1/XPA/1657 | 64 | 12 / 50 | 86/70 |
| | 06 | 1158 | 52 | 12,41 | 15 | 3582 | 2950 | 160-2 | 140/170 | 1/XPA/1657 | 63 | 12 / 50 | 88/70 |
| | 07 | 1266 | 52 | 13,45 | 15 | 3882 | 2950 | 160-2 | 95/125 | 2/XPA/1507 | 52 | 17 / 50 | 89/72 |
| | 08 | 1355 | 52 | 14,31 | 18,5 | 4130 | 2960 | 160-2 | 100/140 | 2/XPA/1507 | 52 | 15 / 50 | 90/72 |
| 400 | 13 | 698 | 64 | 10,66 | 15 | 2360 | 2950 | 160-2 | 200/160 | 1/XPA/1782 | 62 | 12 / 50 | 82/67 |
| | 14 | 792 | 63 | 11,84 | 15 | 2622 | 2950 | 160-2 | 180/160 | 1/XPA/1872 | 60 | 13 / 50 | 83/68 |
| | 15 | 851 | 63 | 12,58 | 15 | 2786 | 2950 | 160-2 | 180/170 | 1/XPA/1800 | 59 | 13 / 50 | 84/69 |
| | 16 | 977 | 62 | 14,15 | 18,5 | 3134 | 2960 | 160-2 | 160/170 | 2/XPZ/1637 | 65 | 10 / 25 | 86/70 |
| | 17 | 1052 | 62 | 15,1 | 18,5 | 3343 | 2960 | 160-2 | 150/170 | 2/XPZ/1612 | 65 | 10 / 25 | 87/71 |
| | 18 | 1138 | 62 | 16,17 | 18,5 | 3582 | 2960 | 160-2 | 140/170 | 2/XPZ/1612 | 64 | 10 / 25 | 88/72 |
| | 19 | 1216 | 62 | 17,15 | 22 | 3799 | 2960 | 180-2 | 132/170 | 2/XPZ/1537 | 74 | 8 / 25 | 89/73 |
| 500 | 25 | 677 | 68 | 13,13 | 15 | 2360 | 2950 | 160-2 | 200/160 | 1/XPA/1750 | 63 | 12 / 50 | 83/68 |
| | 26 | 772 | 69 | 14,59 | 18,5 | 2622 | 2960 | 160-2 | 180/160 | 2/XPZ/1662 | 65 | 9 / 25 | 84/69 |
| | 27 | 890 | 71 | 16,42 | 18,5 | 2960 | 2960 | 160-2 | 150/150 | 2/XPZ/1587 | 67 | 9 / 25 | 86/70 |
| | 28 | 961 | 70 | 17,51 | 22 | 3147 | 2960 | 180-2 | 150/160 | 2/XPZ/1550 | 75 | 7 / 25 | 87/71 |
| | 29 | 1035 | 69 | 18,66 | 22 | 3352 | 2960 | 180-2 | 132/150 | 2/XPA/1500 | 63 | 13 / 50 | 88/72 |
| | 30 | 1156 | 71 | 20,52 | 30 | 3688 | 2970 | 200-2 | 112/140 | 3/XPA/1457 | 62 | 13 / 50 | 90/74 |
| | 31 ④ | 1250 | 76 | 21,99 | 30 | 3951 | 2970 | 200-2 | 112/150 | 3/XPA/1457 | 61 | 14 / 50 | 91/75 |
| 600 | 37 | 697 | 82 | 16,26 | 18,5 | 2458 | 2960 | 160-2 | 180/150 | 2/XPZ/1637 | 68 | 9 / 25 | 85/69 |
| | 38 | 803 | 82 | 18,21 | 22 | 2753 | 2960 | 180-2 | 150/140 | 2/XPA/1507 | 65 | 12 / 50 | 86/71 |
| | 39 | 874 | 83 | 19,51 | 22 | 2960 | 2960 | 180-2 | 170/170 | 2/XPZ/1600 | 73 | 8 / 25 | 87/72 |
| | 40 | 940 | 83 | 20,73 | 30 | 3134 | 2970 | 200-2 | 160/170 | 3/XPA/1600 | 50 | 17 / 50 | 88/73 |
| | 41 | 1009 | 84 | 22 | 30 | 3326 | 2970 | 200-2 | 125/140 | 3/XPA/1457 | 56 | 15 / 50 | 89/73 |
| | 42 | 1162 | 84 | 24,81 | 30 | 3750 | 2970 | 200-2 | 118/150 | 3/XPA/1457 | 55 | 16 / 50 | 90/75 |
| | 43 | 1242 | 84 | 25,63 | 30 | 3874 | 2970 | 200-2 | 150/200 | 3/XPA/1582 | 59 | 15 / 50 | 91/76 |
| 700 | 49 | 691 | 94 | 19,04 | 22 | 2484 | 2960 | 180-2 | 190/160 | 2/XPZ/1600 | 76 | 7 / 25 | 86/71 |
| | 50 | 800 | 94 | 21,36 | 30 | 2786 | 2970 | 200-2 | 180/170 | 3/XPA/1582 | 52 | 17 / 50 | 87/72 |
| | 51 | 860 | 93 | 22,61 | 30 | 2970 | 2970 | 200-2 | 170/170 | 3/XPA/1557 | 54 | 16 / 50 | 88/73 |
| | 52 | 956 | 93 | 25,33 | 30 | 3304 | 2970 | 200-2 | 125/140 | 3/XPZ/1462 | 71 | 9 / 25 | 89/74 |
| | 53 | 1079 | 93 | 27,32 | 30 | 3564 | 2970 | 200-2 | 150/180 | 3/XPA/1550 | 57 | 15 / 50 | 90/76 |
| | 54 | 1133 | 93 | 28,46 | 37 | 3713 | 2970 | 200-2 | 160/200 | 3/XPA/1600 | 58 | 15 / 50 | 91/77 |
| | 55 | 1213 | 94 | 30,16 | 37 | 3935 | 2970 | 200-2 | 160/212 | 3/XPA/1632 | 58 | 15 / 50 | 92/78 |
| 800 | 61 | 691 | 104 | 22 | 30 | 2525 | 2970 | 200-2 | 200/170 | 3/XPA/1600 | 55 | 16 / 50 | 87/72 |
| | 62 | 792 | 102 | 24,45 | 30 | 2805 | 2970 | 200-2 | 180/170 | 3/XPA/1582 | 55 | 16 / 50 | 88/74 |
| | 63 | 851 | 101 | 25,88 | 30 | 2970 | 2970 | 200-2 | 170/170 | 3/XPA/1557 | 58 | 15 / 50 | 89/74 |
| | 64 | 971 | 103 | 28,76 | 37 | 3300 | 2970 | 200-2 | 180/200 | 3/XPA/1632 | 57 | 15 / 50 | 90/76 |
| | 65 | 1043 | 104 | 30,52 | 37 | 3502 | 2970 | 200-2 | 190/224 | 3/XPA/1700 | 58 | 15 / 50 | 91/77 |
| | 66 | 1119 | 105 | 32,35 | 37 | 3713 | 2970 | 200-2 | 200/250 | 2/XPA/1732 | 69 | 11 / 50 | 92/78 |
| | 67HL | 1219 | 105 | 34,78 | 45 | 3991 | 2970 | 225-2 | 32/43 | B-1568 | 65 | - | 93/80 |
| 900 | 73 ③ | 678 | 112 | 24,65 | 30 | 2525 | 2970 | 200-2 | 200/170 | 3/XPA/1632 | 56 | 15 / 50 | 88/73 |
| | 74 ④ | 779 | 108 | 27,39 | 37 | 2805 | 2970 | 200-2 | 180/170 | 3/XPA/1582 | 58 | 15 / 50 | 89/75 |
| | 75 ④ | 895 | 109 | 30,53 | 37 | 3126 | 2970 | 200-2 | 190/200 | 3/XPA/1650 | 58 | 15 / 50 | 90/76 |
| | 76 ④ | 962 | 111 | 32,37 | 37 | 3315 | 2970 | 200-2 | 224/250 | 2/XPA/1782 | 68 | 12 / 50 | 91/77 |
| | 78HL ③ | 1121 | 117 | 36,68 | 45 | 3756 | 2970 | 225-2 | 34/43 | B-1568 | 65 | - | 93/80 |
| | 79HL ③ | 1206 | 117 | 38,97 | 45 | 3991 | 2970 | 225-2 | 32/43 | B-1568 | 65 | - | 93/80 |
| 1000 | 85 ④ | 665 | 123 | 27,27 | 37 | 2522 | 2970 | 200-2 | 212/180 | 2/XPA/1650 | 69 | 11 / 50 | 89/74 |
| | 86 ④ | 766 | 119 | 30,3 | 37 | 2802 | 2970 | 200-2 | 212/200 | 2/XPA/1680 | 69 | 11 / 50 | 90/76 |
| | 87HL ④ | 883 | 119 | 33,81 | 45 | 3126 | 2970 | 225-2 | 32/40 | B-1568 | 66 | - | 91/78 |
| | 88HL ④ | 945 | 121 | 35,69 | 45 | 3300 | 2970 | 225-2 | 36/40 | B-1568 | 63 | - | 92/79 |

| dP (mbar) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **WT 0390** | D159 / DN150 | | | | | | | | | | |
| | | Q (m³/h) | $T_2$ (°C) | Pk (kW) | Pm (kW) | Ng (rpm) | Nm (rpm) | Motor frame | i | X | f(stat) (Hz) | Te(mm)/ Fe(N) | Lp(A) (dB) |
| 300 | 99 | 1309 | 53 | 14,36 | 18,5 | 2960 | 2960 | 160-2 | 140/140 | 2/XPZ/1562 | 69 | 9 / 25 | 86/72 |
| | 01 | 1415 | 53 | 15,38 | 18,5 | 3171 | 2960 | 160-2 | 140/150 | 2/XPZ/1600 | 66 | 9 / 25 | 87/72 |
| | 02 | 1513 | 52 | 16,32 | 18,5 | 3364 | 2960 | 160-2 | 132/150 | 2/XPZ/1562 | 67 | 9 / 25 | 88/73 |
| | 03 | 1607 | 52 | 17,23 | 22 | 3552 | 2960 | 180-2 | 125/150 | 2/XPA/1482 | 63 | 13 / 50 | 89/73 |
| | 04 | 1682 | 52 | 17,95 | 22 | 3700 | 2960 | 180-2 | 112/140 | 2/XPA/1482 | 63 | 13 / 50 | 89/74 |
| | 05 | 1786 | 52 | 18,95 | 22 | 3907 | 2960 | 180-2 | 100/132 | 3/XPZ/1450 | 66 | 10 / 25 | 90/75 |
| 400 | 98 | 1280 | 63 | 18,71 | 22 | 2960 | 2960 | 180-2 | 140/140 | 2/XPA/1557 | 61 | 13 / 50 | 87/74 |
| | 12 | 1387 | 62 | 20,05 | 30 | 3171 | 2970 | 200-2 | 140/150 | 3/XPA/1500 | 52 | 17 / 50 | 87/74 |
| | 13 | 1490 | 62 | 21,33 | 30 | 3375 | 2970 | 200-2 | 132/150 | 3/XPA/1482 | 55 | 16 / 50 | 88/74 |
| | 14 | 1585 | 62 | 22,53 | 30 | 3564 | 2970 | 200-2 | 125/150 | 3/XPA/1482 | 53 | 16 / 50 | 89/75 |
| | 15 | 1717 | 61 | 24,18 | 30 | 3825 | 2970 | 200-2 | 132/170 | 3/SPA/1507 | 55 | 16 / 50 | 91/76 |
| | 16 | 1793 | 61 | 25,14 | 30 | 3978 | 2970 | 200-2 | 112/150 | 3/XPA/1450 | 57 | 15 / 50 | 91/76 |
| 500 | 97 | 1252 | 76 | 23,06 | 30 | 2960 | 2960 | 200-2 | 140/140 | 3/XPA/1482 | 57 | 15 / 50 | 91/75 |
| | 23 | 1437 | 77 | 25,92 | 30 | 3326 | 2970 | 200-2 | 200/224 | 2/XPA/1700 | 67 | 12 / 50 | 88/75 |
| | 24 | 1523 | 78 | 27,25 | 30 | 3498 | 2970 | 200-2 | 180/212 | 2/XPA/1650 | 67 | 12 / 50 | 90/76 |
| | 25 | 1620 | 77 | 28,74 | 37 | 3689 | 2970 | 200-2 | 190/236 | 2/XPA/1700 | 66 | 12 / 50 | 90/76 |
| | 26 | 1732 | 76 | 30,34 | 37 | 3894 | 2970 | 200-2 | 180/236 | 2/XPA/1680 | 67 | 12 / 50 | 92/77 |
| | 27 | 1792 | 74 | 31,4 | 37 | 4031 | 2970 | 200-2 | 140/190 | 3/XPZ/1550 | 72 | 8 / 25 | 92/78 |
| 600 | 94 | 1235 | 83 | 27,51 | 37 | 2970 | 2970 | 200-2 | 200/200 | 2/XPA/1657 | 66 | 12 / 50 | 88/75 |
| | 95 | 1324 | 84 | 29,16 | 37 | 3148 | 2970 | 200-2 | 200/212 | 2/XPA/1680 | 67 | 12 / 50 | 89/76 |
| | 34 | 1414 | 85 | 30,81 | 37 | 3326 | 2970 | 200-2 | 200/224 | 2/XPA/1700 | 68 | 12 / 50 | 89/76 |
| | 35 | 1504 | 86 | 32,46 | 37 | 3505 | 2970 | 200-2 | 200/236 | 2/XPA/1732 | 68 | 12 / 50 | 90/77 |
| | 36 HL | 1609 | 86 | 34,38 | 45 | 3716 | 2970 | 225-2 | 36/45 | B-1568 | 67 | - | 91/75 |
| | 37 HL | 1719 | 84 | 36,4 | 45 | 3931 | 2970 | 225-2 | 34/45 | B-1568 | 66 | - | 92/79 |
| 700 | 94 HL | 1194 | 103 | 31,87 | 37 | 2970 | 2970 | 200-2 | 38/38 | B-1568 | 65 | - | 88/76 |
| | | | | | | | | | | | | | |
| | 45 HL | 1380 | 96 | 35,41 | 45 | 3300 | 2970 | 225-2 | 36/40 | B-1568 | 65 | - | 90/78 |
| | 46 HL | 1505 | 98 | 38,07 | 45 | 3548 | 2970 | 225-2 | 36/43 | B-1568 | 66 | - | 91/78 |
| | 47 HL | 1588 | 97 | 39,84 | 45 | 3713 | 2970 | 225-2 | 36/45 | B-1568 | 67 | - | 92/79 |
| 800 | | | | | | | | | | | | | |
| | 91 HL | 1277 | 104 | 38,25 | 45 | 3135 | 2970 | 225-2 | 36/38 | B-1568 | 64 | - | 90/78 |
| | 56 HL | 1376 | 104 | 40,64 | 55 | 3331 | 2980 | 250-2 | 34/38 | B-1568 | 63 | - | 91/79 |
| | 57 HL | 1491 | 104 | 43,43 | 55 | 3560 | 2980 | 250-2 | 36/43 | B-1568 | 66 | - | 92/80 |
| 900 | | | | | | | | | | | | | |
| | 89 HL ④ | 1282 | 110 | 42,86 | 55 | 3135 | 2980 | 225-2 | 36/38 | B-1568 | 64 | - | 91/79 |
| | 88 HL ④ | 1342 | 111 | 45,11 | 55 | 3300 | 2980 | 225-2 | 36/40 | B-1568 | 65 | - | 91/80 |
| 1000 | | | | | | | | | | | | | |

| dP (mbar) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **WT 0600** | D219 / DN200 | | | | | | | | | | |
| | | Q (m³/h) | $T_2$ (°C) | Pk (kW) | Pm (kW) | Ng (rpm) | Nm (rpm) | Motor frame | i | X | f(stat) (Hz) | Te(mm)/ Fe(N) | Lp(A) (dB) |
| 300 | 99 | 1822 | 50 | 20,17 | 30 | 2188 | 2970 | 200-2 | 190/140 | 3/XPA/1932 | 49 | 16 / 50 | 87/71 |
| | 01 | 2002 | 50 | 21,9 | 30 | 2376 | 2970 | 200-2 | 250/200 | 2/XPA/2120 | 50 | 16 /50 | 88/71 |
| | 02 | 2139 | 50 | 23,21 | 30 | 2519 | 2970 | 200-2 | 250/212 | 2/XPA/2120 | 50 | 16 / 50 | 90/72 |
| | 03 | 2275 | 50 | 24,53 | 30 | 2661 | 2970 | 200-2 | 250/224 | 2/XPA/2132 | 50 | 16 / 50 | 90/72 |
| | 04 | 2411 | 50 | 25,84 | 30 | 2804 | 2970 | 200-2 | 250/236 | 2/XPA/2160 | 49 | 17 / 50 | 92/73 |
| | 05 | 2570 | 50 | 27,37 | 37 | 2970 | 2970 | 200-2 | 250/250 | 2/XPA/2182 | 53 | 15 / 50 | 93/74 |
| | 06 | 2739 | 50 | 29 | 37 | 3146 | 2970 | 200-2 | 236/250 | 2/XPA/2182 | 52 | 15 / 50 | 95/74 |
| | 07 | 2901 | 49 | 30,55 | 37 | 3315 | 2970 | 200-2 | 224/250 | 2/XPA/2182 | 51 | 15 / 50 | 96/75 |
| 400 | 98 | 1780 | 60 | 26,28 | 30 | 2188 | 2970 | 200-2 | 190/140 | 3/XPA/1932 | 48 | 17 / 50 | 88/72 |
| | 12 | 1960 | 60 | 28,54 | 37 | 2376 | 2970 | 200-2 | 250/200 | 2/XPA/2120 | 54 | 14 / 50 | 89/73 |
| | 13 | 2095 | 60 | 30,24 | 37 | 2518 | 2970 | 200-2 | 250/212 | 2/XPA/2120 | 54 | 14 / 50 | 90/73 |
| | 14 | 2233 | 59 | 31,96 | 37 | 2661 | 2970 | 200-2 | 250/224 | 2/XPA/2132 | 54 | 14 / 50 | 91/74 |
| | 15 | 2369 | 59 | 33,67 | 45 | 2804 | 2970 | 225-2 | 250/236 | 2/XPA/2160 | 57 | 13 / 50 | 92/75 |
| | 16 | 2528 | 59 | 35,67 | 45 | 2970 | 2970 | 225-2 | 250/250 | 2/XPA/2182 | 57 | 13 / 50 | 94/75 |
| | 17 | 2707 | 59 | 37,9 | 45 | 3166 | 2970 | 225-2 | 160/170 | 3/XPA/1900 | 50 | 16 / 50 | 95/76 |
| | 18 | 2935 | 59 | 40,77 | 45 | 3394 | 2970 | 225-2 | 140/250 | 3/XPA/1900 | 50 | 16 / 50 | 97/77 |
| 500 | 97 | 1737 | 63 | 32,39 | 37 | 2188 | 2960 | 200-2 | 190/140 | 3/XPA/1932 | 52 | 15 / 50 | 88/73 |
| | 23 | 1917 | 60 | 35,17 | 45 | 2376 | 2970 | 225-2 | 250/200 | 2/XPB/2100 | 48 | 15 / 75 | 90/74 |
| | 24 | 2054 | 62 | 37,28 | 45 | 2519 | 2970 | 225-2 | 250/212 | 2/XPB/2120 | 47 | 16 / 75 | 91/75 |
| | 25 | 2210 | 63 | 39,7 | 45 | 2682 | 2970 | 225-2 | 200/180 | 3/XPA/2032 | 48 | 17 / 50 | 95/72 |
| | 26 | 2351 | 65 | 41,87 | 55 | 2829 | 2980 | 250-2 | 236/224 | 2/XPB/2150 | 49 | 14 / 75 | 93/76 |
| | 27 | 2496 | 67 | 44,11 | 55 | 2980 | 2980 | 250-2 | 236/236 | 2/XPB/2150 | 49 | 14 / 75 | 94/77 |
| | 28 | 2674 | 70 | 46,87 | 55 | 3166 | 2980 | 250-2 | 160/170 | 3/XPA/1932 | 54 | 14 / 50 | 96/78 |
| | 29 | 2846 | 71 | 49,53 | 55 | 3346 | 2980 | 250-2 | 236/265 | 2/XPB/2180 | 47 | 15 / 75 | 97/78 |
| 600 | 96 | 1769 | 73 | 39,72 | 45 | 2257 | 2970 | 225-2 | 250/190 | 3/XPA/2120 | 51 | 15 / 50 | 90/75 |
| | 34 | 2020 | 74 | 44,32 | 55 | 2519 | 2980 | 250-2 | 265/224 | 2/XPB/2180 | 46 | 16 / 75 | 91/76 |
| | 35 | 2159 | 75 | 49,47 | 55 | 2661 | 2980 | 250-2 | 280/250 | 2/XPB/2285 | 58 | 16 / 75 | 93/77 |
| | 36 | 2300 | 76 | 49,47 | 55 | 2811 | 2980 | 250-2 | 265/250 | 2/XPB/2240 | 47 | 15 / 75 | 94/78 |
| | 37 | 2462 | 77 | 52,44 | 75 | 2980 | 2980 | 280-2 | 250/250 | 3/XPA/2240 | 49 | 16 / 50 | 95/78 |
| | 38 | 2633 | 79 | 55,58 | 75 | 3159 | 2980 | 280-2 | 250/265 | 2/XPB/2240 | 49 | 14 / 75 | 96/79 |
| | 39 | 2812 | 81 | 58,88 | 75 | 3346 | 2980 | 280-2 | 236/265 | 2/XPB/2240 | 49 | 14 / 75 | 98/80 |
| | 40 | 2973 | 84 | 61,83 | 75 | 3514 | 2980 | 280-2 | 212/250 | 3/XPA/2160 | 53 | 14 / 50 | 100/82 |
| 700 | 95 | 1859 | 79 | 48,61 | 55 | 2384 | 2980 | 250-2 | 280/224 | 3/XPA/2207 | 54 | 14 / 50 | 91/77 |
| | 45 | 1989 | 80 | 51,36 | 75 | 2519 | 2980 | 280-2 | 265/224 | 2/XPB/2180 | 49 | 14 / 75 | 92/78 |
| | 46 | 2125 | 82 | 54,25 | 75 | 2661 | 2980 | 280-2 | 280/250 | 2/XPB/2285 | 48 | 15 / 75 | 93/78 |
| | 47 | 2268 | 85 | 57,32 | 75 | 2811 | 2980 | 280-2 | 265/250 | 2/XPB/2240 | 50 | 14 / 75 | 94/79 |
| | 48 | 2430 | 87 | 60,76 | 75 | 2980 | 2980 | 280-2 | 250/250 | 3/XPA/2240 | 52 | 14 / 50 | 95/80 |
| | 49 | 2592 | 91 | 64,2 | 75 | 3149 | 2980 | 280-2 | 265/280 | 3/XPA/2310 | 53 | 14 / 50 | 97/81 |
| | 50 HL | 2747 | 91 | 67,51 | 90 | 3311 | 2980 | 280-2 | 45/50 | B-2100 | 47 | - | 98/81 |
| | 51 HL | 2906 | 91 | 70,89 | 90 | 3477 | 2980 | 280-2 | 48/56 | B-2100 | 49 | - | 99/82 |
| 800 | 94 | 1812 | 98 | 54,83 | 75 | 2365 | 2980 | 280-2 | 315/250 | 3/XPA/2300 | 55 | 13 / 50 | 92/78 |
| | 56 | 1953 | 98 | 58,23 | 75 | 2512 | 2980 | 280/2 | 280/236 | 3/XPA/2240 | 53 | 14 / 50 | 93/79 |
| | 57 | 2095 | 99 | 61,68 | 75 | 2661 | 2980 | 280-2 | 280/250 | 3/XPA/2240 | 55 | 14 / 50 | 94/80 |
| 900 | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | |

| dP (mbar) | | | | | | | | | | | | | | WT 0730 D219 / DN200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Q (m³/h) | $T_2$ (°C) | Pk (kW) | Pm (kW) | Ng (rpm) | Nm (rpm) | Motor frame | i | X | f(stat) (Hz) | Te(mm)/ Fe(N) | Lp(A) (dB) |
| 300 | 01 | 2728 | 50 | 28,87 | 37 | 2429 | 2970 | 200-2 | 170/140 | 3/XPA/1882 | 50 | 16 / 50 | 91/74 |
| | 02 | 2857 | 50 | 30,89 | 37 | 2599 | 2970 | 200-2 | 160/140 | 3/XPA/1882 | 48 | 17 / 50 | 91/75 |
| | 03 | 3071 | 50 | 32,95 | 37 | 2772 | 2970 | 200-2 | 150/140 | 3/XPA/1882 | 48 | 17 / 50 | 92/76 |
| | 05 | 3315 | 50 | 35,3 | 45 | 2970 | 2970 | 225-2 | 200/200 | 2/XPA/2057 | 53 | 14 / 50 | 93/77 |
| | 06 | 3508 | 50 | 37,16 | 45 | 3126 | 2970 | 225-2 | 190/200 | 3/XPA/2032 | 46 | 18 / 50 | 94/77 |
| | 08 | 3839 | 49 | 40,34 | 45 | 3394 | 2970 | 225-2 | 140/160 | 4/XPA/1857 | 46 | 18 / 50 | 96/79 |
| | 09 | 3972 | 49 | 41,63 | 55 | 3502 | 2970 | 250-2 | 212/250 | 3/XPA/2160 | 51 | 15 / 50 | 97/80 |
| 400 | 13 | 2704 | 60 | 39 | 45 | 2519 | 2970 | 225-2 | 250/212 | 3/XPA/2132 | 47 | 17 / 50 | 92/76 |
| | 14 | 2825 | 59 | 41,07 | 55 | 2652 | 2970 | 250-2 | 224/200 | 3/XPA/2057 | 49 | 17 / 50 | 92/76 |
| | 16 | 3078 | 59 | 43,7 | 55 | 2822 | 2970 | 250-2 | 200/190 | 3/XPA/2032 | 50 | 16 / 50 | 93/77 |
| | 17 | 3261 | 59 | 45,99 | 55 | 2970 | 2970 | 250-2 | 224/224 | 3/XPA/2120 | 49 | 16 / 50 | 94/78 |
| | 18 | 3481 | 59 | 48,75 | 55 | 3148 | 2970 | 250-2 | 200/212 | 3/XPA/2057 | 51 | 15 / 50 | 95/79 |
| | 19 | 3668 | 59 | 51,11 | 75 | 3300 | 2980 | 280-2 | 180/200 | 3/XPA/2057 | 51 | 15 / 50 | 96/80 |
| | 20 | 3918 | 59 | 54,24 | 75 | 3502 | 2980 | 280-2 | 212/250 | 3/XPA/2160 | 51 | 15 / 50 | 97/82 |
| 500 | 25 | 2650 | 75 | 48,07 | 55 | 2519 | 2970 | 250-2 | 250/212 | 3/XPA/2160 | 51 | 15 / 50 | 93/77 |
| | 26 | 2833 | 74 | 50,93 | 75 | 2668 | 2980 | 280-2 | 236/212 | 3/XPA/2120 | 52 | 15 / 50 | 93/78 |
| | 27 | 3001 | 72 | 53,52 | 75 | 2804 | 2980 | 280-2 | 250/236 | 3/XPA/2182 | 52 | 15 / 50 | 94/79 |
| | 28 | 3219 | 68 | 56,88 | 75 | 2980 | 2980 | 280-2 | 224/224 | 3/XPA/2120 | 53 | 15 / 50 | 95/80 |
| | 29 | 3437 | 71 | 60,26 | 75 | 3157 | 2980 | 280-2 | 236/250 | 3/XPA/2182 | 53 | 14 / 50 | 95/81 |
| | 30 | 3661 | 74 | 63,71 | 75 | 3338 | 2980 | 280-2 | 250/280 | 3/XPA/2240 | 54 | 14 / 50 | 96/82 |
| | 32 HL | 3833 | 76 | 66,36 | 75 | 3477 | 2980 | 280-2 | 48/56 | B-2100 | 49 | - | 96/83 |
| 600 | 37 | 2781 | 84 | 60,37 | 75 | 2661 | 2980 | 280-2 | 280/250 | 3/XPA/2240 | 54 | 14 / 50 | 97/80 |
| | 39 | 2999 | 84 | 64,39 | 75 | 2838 | 2980 | 280-2 | 315/300 | 3/XPA/2432 | 53 | 14 / 50 | 95/81 |
| | 40 | 3175 | 83 | 67,61 | 75 | 2980 | 2980 | 280-2 | 315/315 | 3/XPA/2432 | 54 | 14 / 50 | 95/81 |
| | | | | | | | | | | | | | |
| | 41 HL | 3438 | 82 | 72,44 | 90 | 3193 | 2980 | 280-2 | 56/60 | B-2240 | 47 | - | 96/83 |
| | 43 HL | 3635 | 81 | 76,07 | 90 | 3353 | 2980 | 280-2 | 56/63 | B-2240 | 48 | - | 96/84 |
| | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | |
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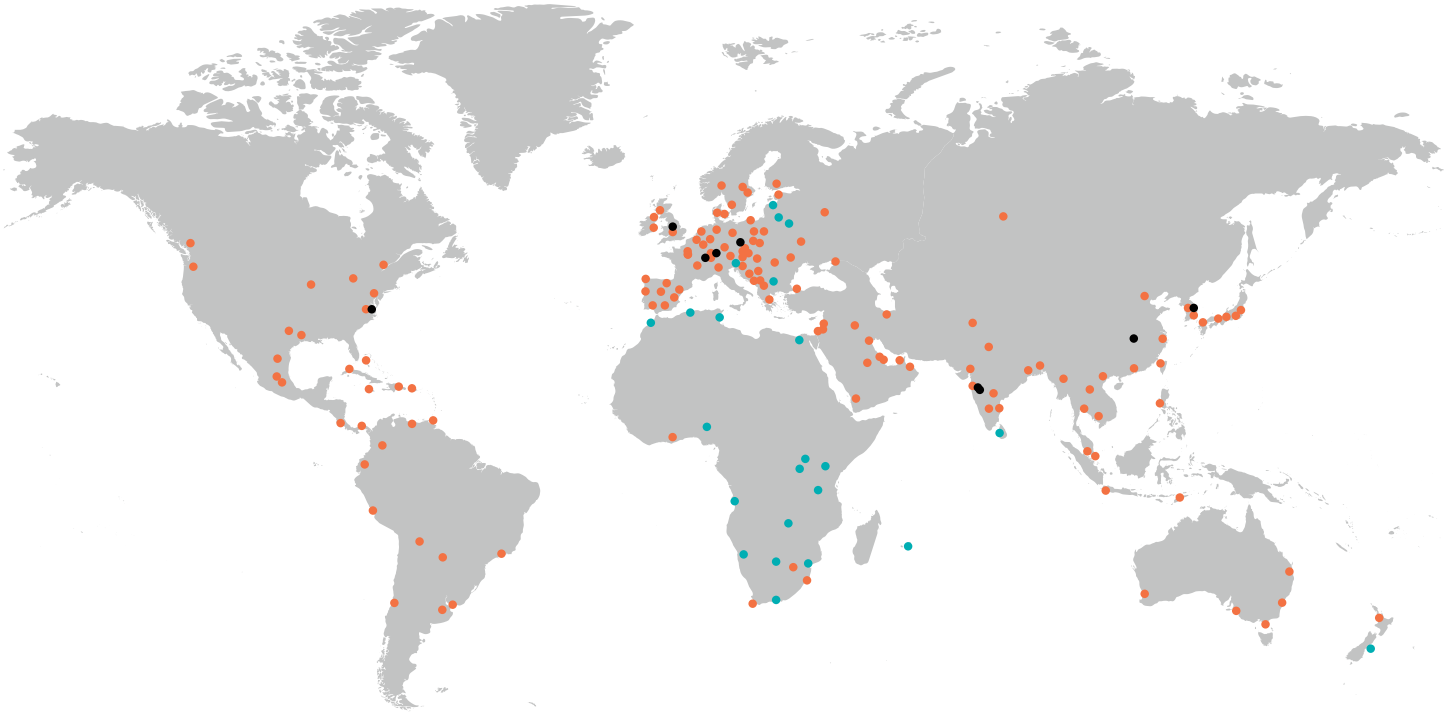
# Busch
# Vacuum Solutions

With a network of over 60 companies in more than 40 countries and agencies worldwide, Busch has a global presence. In every country, highly competent local personnel delivers custom-tailored support. Backed by a global network of expertise. Wherever you are. Whatever your business. We are there for you.



Busch companies and Busch employees · Local representatives and distributors · Busch production sites