



3G710 Series

Axial

Ø 710mm S-Range EC-Systems™

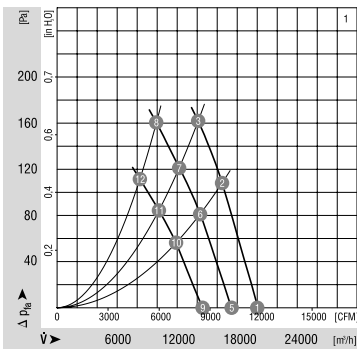
- **Material:** stator and electronics housing made of die-cast aluminum, rotor made of steel sheet (black, KTL-costed), fan blades made of die-cast aluminum.
- **Technical features:** integrated electronics, undervoltage detection, phase failure recognition, limitation of motor current, over-temperature protection of electronics and motor, locked rotor protection, short-circuit protection
- **Bearings:** maintenance-free ball bearings
- **Balancing quality:** ≤ Q 6.3 according to DIN ISO 1940-1
- **Type of protection:** IP54 according to DIN VDE 0470, part 1 (EN 60 529) category 2
- **Approvals:** UL, CSA, VDE and CE applications pending.
- **Mounting position / condensate discharges:** Norm is shaft horizontal or rotor down with 4 condensate discharges drilled into rotor. Mounting position rotor on top on request.
- **Direction of rotation:** Dir. of air flow "V" counter-clockwise; Dir. of air flow "A" clockwise

| Part Number | Curve | CFM @ 0 | VAC | Hertz | Power (kW) | dBA | Max. Amb. Temp. C | Speed (RPM) | Dir. of Air Flow | Features | Wgt. (lbs)* |
|----------------|-------|---------|---------|-------|------------|-----|-------------------|-------------|------------------|----------|-------------|
| A3G710-AC08-03 | 1 | 11830.5 | 380-480 | 50/60 | 1.30 | 76 | 60 | 1040 | V | - | 50.72 |
| A3G710-AC08-04 | 1 | 11830.5 | 380-480 | 50/60 | 1.30 | 76 | 60 | 1040 | A | - | 50.72 |
| S3G710-BC08-03 | 1 | 11830.5 | 380-480 | 50/60 | 1.30 | 76 | 60 | 1040 | V | Grill | 50.72 |
| W3G710-CC08-03 | 1 | 11830.5 | 380-480 | 50/60 | 1.30 | 76 | 60 | 1040 | V | Wall | 50.72 |
| A3G710-AB06-03 | 2 | 14008.2 | 380-480 | 50/60 | 2.12 | 79 | 60 | 1230 | V | - | 57.33 |
| A3G710-AB06-04 | 2 | 14008.2 | 380-480 | 50/60 | 2.12 | 79 | 60 | 1230 | A | - | 57.33 |
| S3G710-BB06-03 | 2 | 14008.2 | 380-480 | 50/60 | 2.12 | 79 | 60 | 1230 | V | Grill | 57.33 |
| W3G710-CB06-03 | 2 | 14008.2 | 380-480 | 50/60 | 2.12 | 79 | 60 | 1230 | V | Wall | 57.33 |

* Weight without guard grill and wall ring. Note: Infinite speed control is possible; selective data shown. All data subject to change without notice.

| | n [RPM] | P ₁ [kW] | η _{IL} [%] | Lp _A [dBA] | | n [RPM] | P ₁ [kW] | η _{IL} [%] | Lp _A [dBA] | | n [RPM] | P ₁ [kW] | η _{IL} [%] | Lp _A [dBA] | | n [RPM] | P ₁ [kW] | η _{IL} [%] | Lp _A [dBA] |
|---|---------|---------------------|---------------------|-----------------------|---|---------|---------------------|---------------------|-----------------------|---|---------|---------------------|---------------------|-----------------------|---|---------|---------------------|---------------------|-----------------------|
| 1 | 1040 | 1.30 | 75 | 77 | 1 | 750 | 0.50 | 75 | 68 | 2 | 1230 | 2.12 | 75 | 79 | 2 | 900 | 0.87 | 75 | 72 |
| 2 | 1040 | 1.52 | 71 | 77 | 1 | 750 | 0.59 | 74 | 67 | 2 | 1230 | 2.51 | 71 | 79 | 2 | 900 | 1.02 | 71 | 72 |
| 3 | 1040 | 1.58 | 65 | 77 | 1 | 750 | 0.61 | 65 | 68 | 2 | 1230 | 2.61 | 65 | 79 | 2 | 900 | 1.06 | 65 | 72 |
| 4 | -- | -- | -- | -- | 1 | 750 | 0.63 | 57 | 67 | 2 | -- | -- | -- | -- | 2 | 900 | 1.09 | 57 | 72 |
| 5 | 900 | 0.85 | 75 | 73 | | | | | | 2 | 1080 | 1.46 | 75 | 77 | | | | | |
| 6 | 900 | 1.00 | 71 | 73 | | | | | | 2 | 1080 | 1.71 | 71 | 76 | | | | | |
| 7 | 900 | 1.04 | 65 | 73 | | | | | | 2 | 1080 | 1.77 | 65 | 76 | | | | | |
| 8 | 900 | 1.07 | 57 | 74 | | | | | | 2 | 1080 | 1.83 | 57 | 77 | | | | | |

Curve



Curve

