



# 3G800 Series

Axial

## Ø 800mm S-Range EC-Systems™

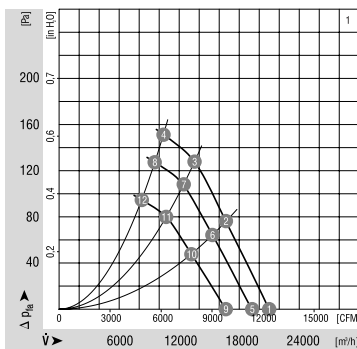
- **Material:** stator and electronics housing made of die-cast aluminum, rotor made of steel sheet (black, KTL-costed), fan blades made of die-cast aluminum.
- **Technical features:** integrated electronics, undervoltage detection, phase failure recognition, limitation of motor current, over-temperature 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)*
A3G800-AA02-03	1	12360.2	380-480	50/60	0.96	72	60	860	V	-	50.72
A3G800-AA02-04	1	12360.2	380-480	50/60	0.96	72	60	860	A	-	50.72
S3G800-BA02-03	1	12360.2	380-480	50/60	0.96	72	60	860	V	Grill	50.72
W3G800-CA02-03	1	12360.2	380-480	50/60	0.96	72	60	860	V	Wall	50.72
A3G800-AB01-03	2	14773.4	380-480	50/60	1.64	77	60	1030	V	-	57.33
A3G800-AB01-04	2	14773.4	380-480	50/60	1.64	77	60	1030	A	-	57.33
S3G800-BB01-03	2	14773.4	380-480	50/60	1.64	77	60	1030	V	Grill	57.33
W3G800-CB01-03	2	14773.4	380-480	50/60	1.64	77	60	1030	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.

Curve 1				Curve 2					
n [RPM]	P <sub>1</sub> [kW]	η <sub>IL</sub> [%]	Lp <sub>A</sub> [dBA]	n [RPM]	P <sub>1</sub> [kW]	η <sub>IL</sub> [%]	Lp <sub>A</sub> [dBA]		
1 1	860	0.96	69	77	1 9	680	0.48	69	67
1 2	860	1.16	63	77	1 10	680	0.59	63	69
1 3	860	1.21	58	77	1 11	680	0.61	58	72
1 4	860	1.21	46	78	1 12	680	0.61	46	72
1 5	790	0.75	69	70	2 1	1030	1.64	69	77
1 6	790	0.91	63	73	2 2	1030	2.02	63	80
1 7	790	0.95	58	76	2 3	1030	2.12	58	82
1 8	790	0.95	46	76	2 4	1030	2.13	46	83
					2 5	940	1.26	69	75
					2 6	940	1.53	63	77
					2 7	940	1.60	58	80
					2 8	940	1.60	46	80

Curve



Curve

