



# 3G990 Series

Axial

## Ø 990mm 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

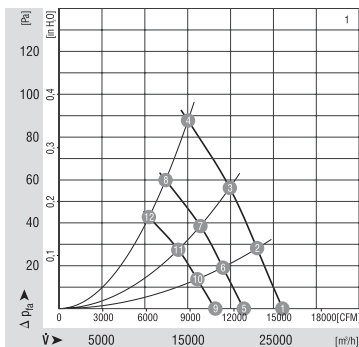
Part Number	Curve	CFM @ 0	VAC	Hertz	Power (kW)	dBA	Max. Amb. Temp. C	Speed (RPM)	Dir. of Air Flow	Features	Wgt. (lbs)*
A3G990-AC03-03	1	15362	380-480	50/60	0.65	70	60	545	V	-	59.54
A3G990-AC03-04	1	15362	380-480	50/60	0.65	70	60	545	A	-	59.54
S3G990-BC03-03	1	15362	380-480	50/60	0.65	70	60	545	V	Grill	59.54
W3G990-CC03-03	1	15362	380-480	50/60	0.65	70	60	545	V	Wall	59.54
A3G990-AD05-03	2	18305	380-480	50/60	1.03	75	60	650	V	-	66.15
A3G990-AD05-04	2	18305	380-480	50/60	1.03	75	60	650	A	-	66.15
S3G990-BD05-03	2	18305	380-480	50/60	1.03	75	60	650	V	Grill	66.15
W3G990-CD05-03	2	18305	380-480	50/60	1.03	75	60	650	V	Wall	66.15

\* 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 <sub>1</sub> [kW]	η <sub>IL</sub> [%]	Lp <sub>A</sub> [dBA]
1	① 545	0.65	76	70
1	② 545	0.74	72	71
1	③ 545	0.81	70	71
1	④ 545	0.88	57	70
1	⑤ 450	0.36	76	65
1	⑥ 450	0.42	72	66
1	⑦ 450	0.46	70	66
1	⑧ 450	0.50	57	65

	n [RPM]	P <sub>1</sub> [kW]	η <sub>IL</sub> [%]	Lp <sub>A</sub> [dBA]
2	⑨ 650	1.03	76	75
2	⑩ 650	1.21	72	76
2	⑪ 650	1.32	70	76
2	⑫ 650	1.44	57	75
2	⑬ 540	0.60	76	70
2	⑭ 540	0.71	72	71
2	⑮ 540	0.77	70	71
2	⑯ 540	0.84	57	70

Curve



Curve

