



Product Change Notice February 21, 2022

Products Affected: OD1238-12HSS
Type of Change: Product improvement
Reason for Change: Match ball bearing product performance.
Effective Date: Orders fulfilled after April 1st, 2023

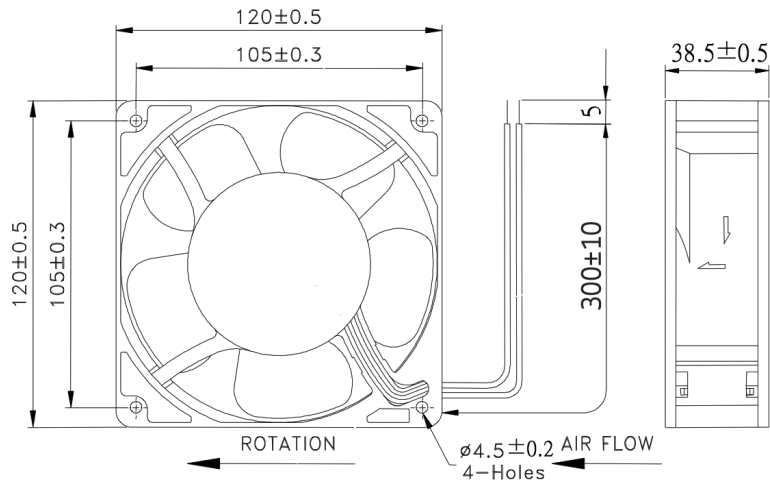
Discussion:

Orion Fans occasionally makes changes to our Commercial Off the Shelf (COTS) products as we respond to the needs of our customers and stakeholders. In 2020, we improved the performance of our OD1238 Ball Bearing models to offer greater CFM and Static Pressure capability through the introduction of a 7 Blade impeller, improved motor design, larger wire lead gauge, frame, and other changes. To create consistency with our OD1238 Ball Bearing series, we are introducing the same design improvements to this Sealed Sleeve bearing product. Production of this new design has commenced and stocked inventory will be available on April 1, 2023. The previous design will continue to be available for purchase using order part number 123143001 for bulk packaging or 123143391 for individually boxed packaging, subject to lead time and minimum order quantity. Existing custom products built for specific customers will not be impacted by this change. The new product data sheet is included with this product change notice. See specification comparison below.

Product Specification Comparison:

Specification	Original Design	Improved Design
Rated Voltage	12	12
Voltage Range	9 ~ 13.8	9 ~ 13.8
Input Power (Max)	6.0	6.0
Rated Current (Max)	0.50	0.50
Rated Speed	2800	2895
Max Airflow (CFM)	105	124.1
Noise Level (dBA)	47	44.1
Max Static Pressure ("H2O)	0.27	0.469
Wire Lead Gauge	24 AWG	22 AWG
Operating Temperature Range	-10 ~ +70°C	-20 ~ +65°C
Storage Temperature Range	-20 ~ +70°C	-25 ~ +70°C
L10 Life Expectancy	50K Hours @ 40°C	50K Hours @ 40°C
Mounting Screw Size	∅4.5mm	∅4.3mm
Frame Wire Exit	Original	Changed, See Line Drawing

Original Design



New Design

