

SERVICE INFORMATION

Air Fan & Electric Motor

RELUBRICATION OF BEARINGS

Air Fan Bearing Lubricant Type (All Models)	Lithium Lubricant SKF LGMT 3IN/18
Air Fan Lubrication Frequency and Grease Amount for Each Bearing	<u>S116E, S119E, S220E, S223E & PGF100-FM:</u> Every 3900 hr. using 15 g (0.53 oz) of lubricant each bearing. <u>S327E & S330E:</u> Every 2100 hr. using 12.5 g (0.44 oz) of lubricant each bearing.
WEG W22 Electric Motor Lubricant Type (All Models)	Electric Motor Bearing Grease: MOBIL Polyrex EM
WEG W22 Electric Motor Lubrication Frequency and Grease Amount for Each Bearing	<u>S116E, S119E, S220E, S223E & PGF100-FM:</u> (WEG W22 - 30 HP / 22 kW): Every 14000 hr. using 18 g (0.63 oz) of lubricant on the Air Fan side, (drive side, fitted with Dodge Raptor Coupling or direct motor-to-fan drive) and 11 g (0.39 oz.) on the opposite side. <u>S327E & S330E:</u> (WEG W22 - 75 HP / 55 kW): Every 12000 hr. using 27 g (0.95 oz) of lubricant for each bearing.

NOTE: A typical manual lever style grease gun supplies approx. 1.1 g (0.039 oz.) of grease per stroke. Calibrate your grease gun by using an appropriate scale like a postal scale. Do this for each type of grease separately: Put the grease amount of 10 strokes onto the scale and divide the result by 10 to get the weight of one (1) stroke or “pump” of your grease gun. Convert ounces to grams if needed.

DO NOT OVERGREASE. DO NOT MIX DIFFERENT TYPES OF LUBRICANTS.
EXCESSIVE GREASING CAN SIGNIFICANTLY REDUCE THE LIFESPAN OF YOUR BEARINGS.

WARNING:

The NEMA IV Control Panel of an electric FireBox must only be opened for service or any other reason by a locally licensed electrician. It contains no user serviceable parts or functions. Coming in contact with an electrical voltage may cause an accident resulting in injury or death.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Always wear appropriate Personal Protective Equipment (PPE) while working on or with the Electrically Powered FireBox. Always ensure Grounding Rod is properly in place.

ALWAYS CONSULT YOUR FIREBOX OPERATING MANUAL BEFORE PERFORMING ANY SERVICE.

Contact Air Burners Customer Service Dept. for any assistance you may need.

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