



FS Model Blo-Hog

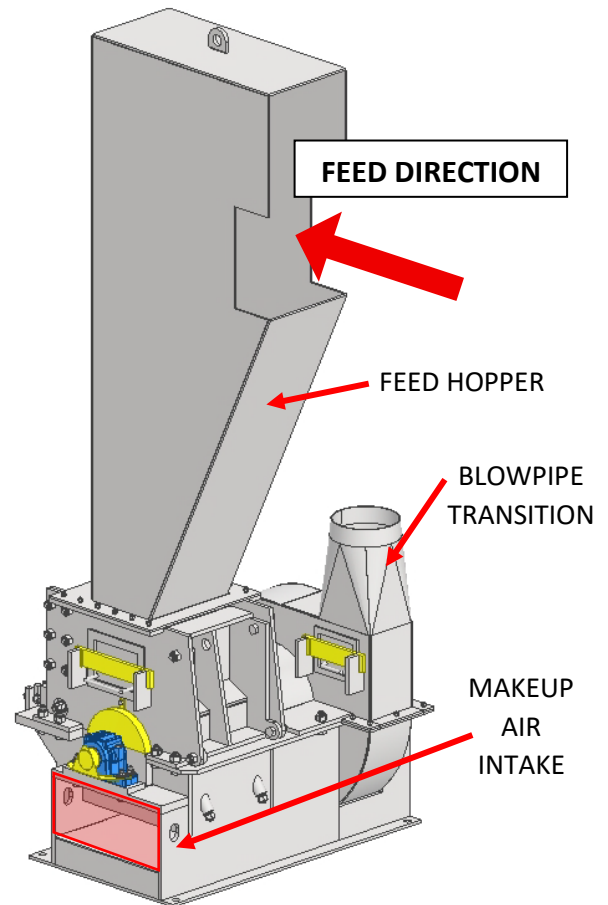
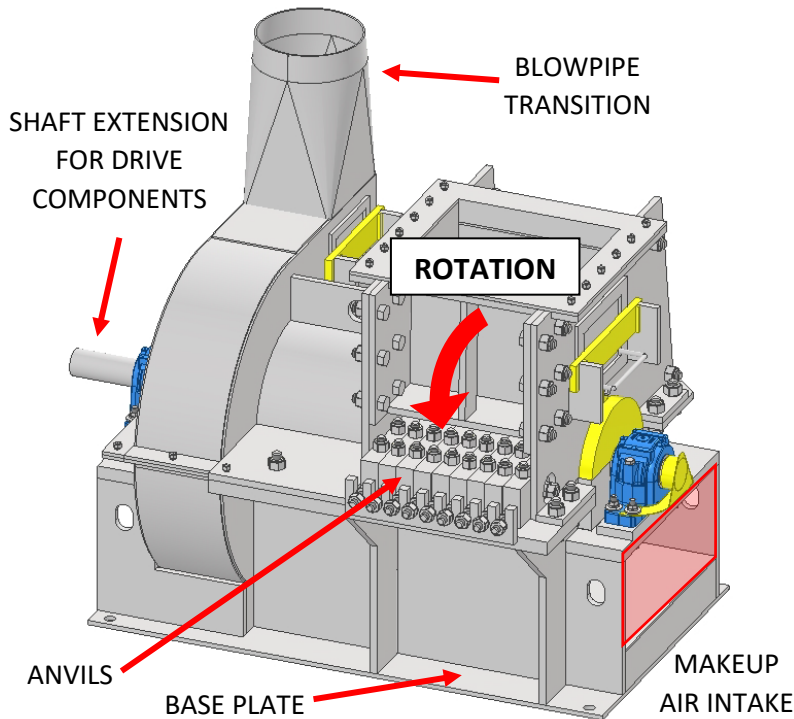
Dimension Sheet

DS 24-26-26



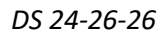
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[GENERAL NOTES]

1. THE HOG MUST BE MOUNTED WITH THE BASE PLATE HORIZONTAL. DO NOT MOUNT THE HOG ON AN ANGLE TO FACILITATE FEEDING. FOUNDATIONS MUST BE SMOOTH, CLEAN, AND LEVEL. **THE UNIT MUST BE SHIMMED PRIOR TO TIGHTENING.** THE UNIT CAN BOW AND BIND, CAUSING EXCESSIVE STRESS IF ANCHORING ALTERS THE INHERENT CONTOUR OF THE BASE PLATE.
2. A REINFORCED CONCRETE FOUNDATION SHOULD EXTEND AT LEAST 6" BEYOND THE HOG ON ALL SIDES. THE MINIMUM THICKNESS IS 12". SEE *BULLETIN 57-06-22 FOUNDATION PREPARATION* FOR MORE INFORMATION.
3. ALL DIMENSIONS SHOWN ARE STANDARD AND MAY VARY WITH INSTALLATIONS.
4. THE HOG CAN BE BUILT OPPOSITE HAND FROM THAT SHOWN. THE FAN CAN BE ON THE OPPOSITE END IF REQUESTED BEFORE MANUFACTURING HAS STARTED.
5. ALLOW 36" CLEARANCE AROUND THE MACHINE FOR MAINTENANCE. **DO NOT BLOCK THE MAKEUP AIR INLET.**
6. BLO-HOG MODELS SHOULD HAVE SPEED AND POWER CORRECTED FOR ALTITUDE FOR INSTALLATIONS ABOVE 2000 FT MSL.
7. THERE ARE FOUR (4) 1-1/4" DIAMETER HOLES IN THE BASE PLATE FOR SECURING TO THE FOUNDATION OR SUB-BASE. FOUNDATION ANCHOR BOLTS TO BE 1" N.C., EXTENDING 3" ABOVE THE REINFORCED CONCRETE FOUNDATION. SEE *BULLETIN 57-06-22 FOUNDATION PREPARATION* FOR MORE INFORMATION.
8. IF THE HOG IS TO BE MOUNTED ON STEEL COLUMNS, THE SUPPORTING STRUCTURE SHOULD BE DESIGNED FOR 2-1/2 TIMES THE STATIC LOAD FOR SAFETY.
9. **OLDER MODELS OF FS BLO-HOGS MAY VARY IN DESIGN AND DIMENSIONS FROM WHAT IS SHOWN. IF PURCHASING A HOG USED, VERIFY ALL DIMENSIONS WITH YOUR SPECIFIC UNIT.**



Technical drawing of a rectangular mold assembly. The drawing shows a central rectangular area labeled "SHAFT" with a central vertical line and a central horizontal line. The overall dimensions are given as follows:

- Overall width: 33 5/8"
- Overall height: 33 5/8"
- Distance from top edge to center line: 18 1/8"
- Distance from center line to bottom edge: 15 1/2"
- Distance from left edge to center line: 16 7/8"
- Distance from center line to right edge: 14 1/4"
- Distance from left edge to shaft center: 2"
- Distance from right edge to shaft center: 2"
- Distance from left edge to shaft center: 1 1/4"
- Distance from right edge to shaft center: 1 1/4"

Labels and features include:

- "FAN DISCHARGE" at the top left corner.
- "FEED OPENING" at the top right corner.
- "SHAFT" in the center.
- "ANVILS THIS SIDE" pointing to the bottom edge.
- "T" and "W" dimensions for the shaft area.
- "C" dimension for the overall width.
- "Ø 1 1/4" HOLES (4) PLACES" indicating the locations of the four holes.

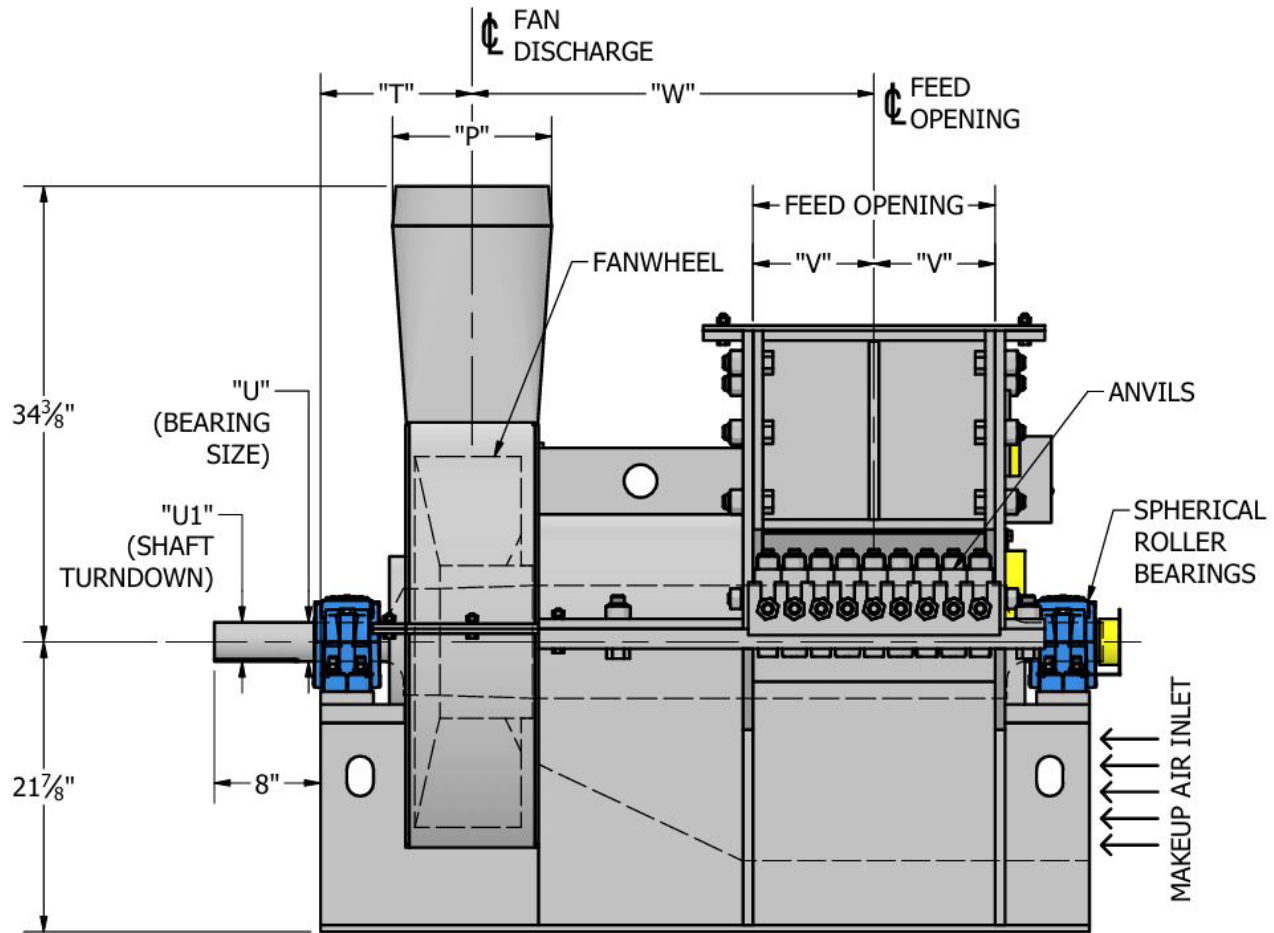
MODEL	BEARING SIZE	“C”	“T”	“W”
10FS30	2-15/16	50	11-7/16	26-5/16
18FS30	2-15/16	58	11-7/16	30-5/16
26FS30	3-15/16	70	13-7/16	34-5/16



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FRONT ELEVATION



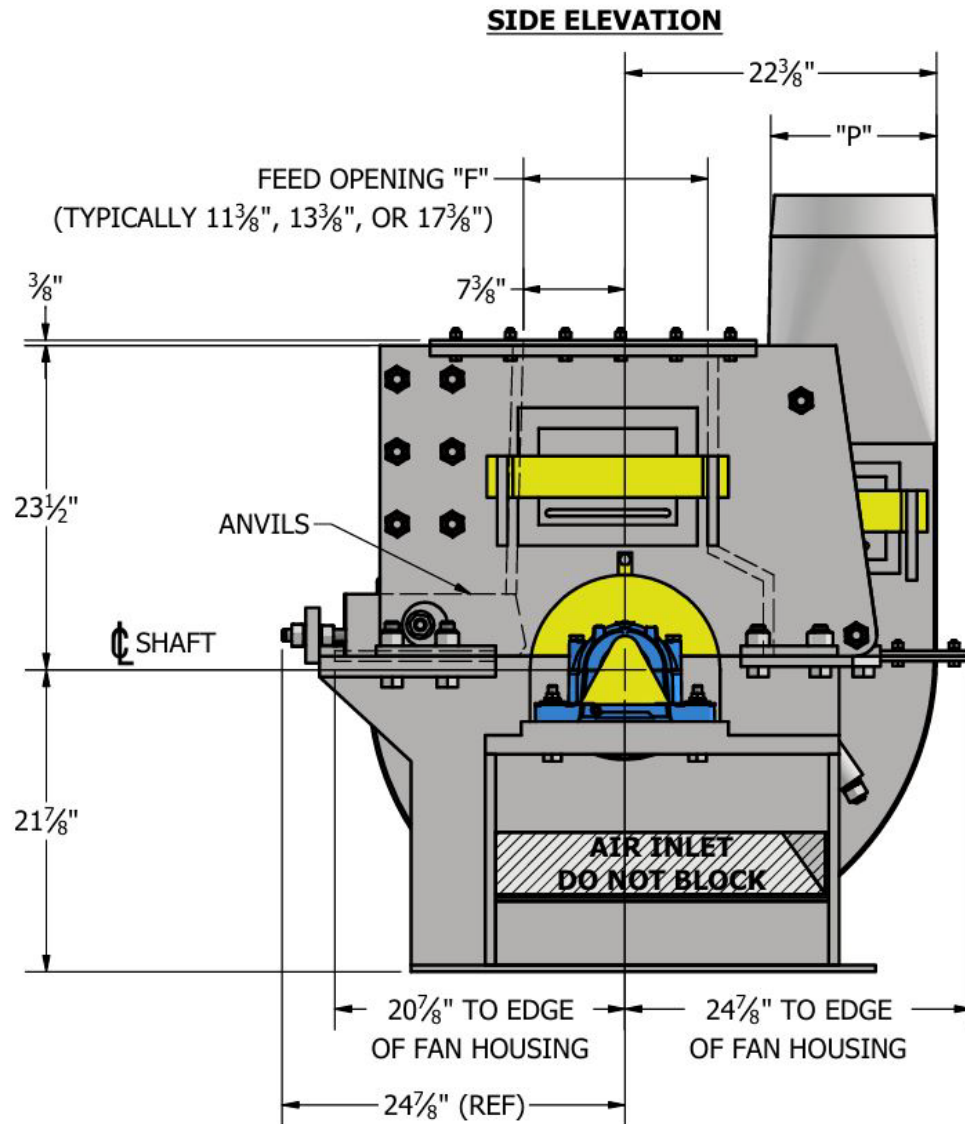
[HOG DIMENSIONS IN INCHES - CONTINUED]

MODEL	BLOWPIPE CONNECTION "P" (RANGE)	BEARING SIZE "U"	"U1"	"V"	DRIVE KEYWAY
10FS30	9 – 12	2-15/16	2-15/16	5-1/8	3/4 X 3/8 X 7-3/8
18FS30	9 – 12	2-15/16	2-15/16	9-1/8	3/4 X 3/8 X 7-3/8
26FS30	9 – 12	3-15/16	3-7/16	13-1/8	7/8 X 7/16 X 7-7/16



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[HOG WEIGHT AND ROTOR INERTIA]

MODEL	BEARING SIZE	WEIGHT (LBS)	WR^2 (#FT ²)
10FS30	2-15/16	5205	667
18FS30	2-15/16	5703	729
26FS30	3-15/16	7325	791