



Horizontal Feed PM Model Blo-Hog

Dimension Sheet

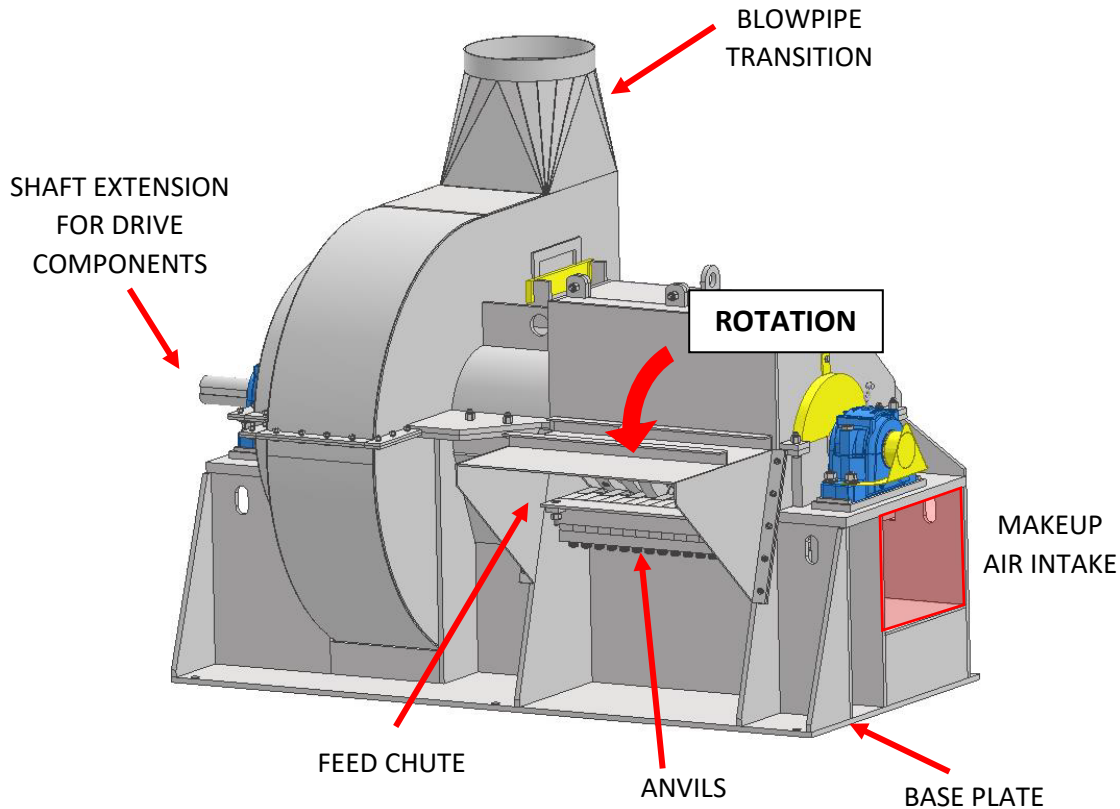
DS 24-22-24

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PM-HZF-BH DIMENSION SHEET

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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 FLYWHEEL AND 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 SIX (6) 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.



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[HOG DIMENSIONS IN INCHES]

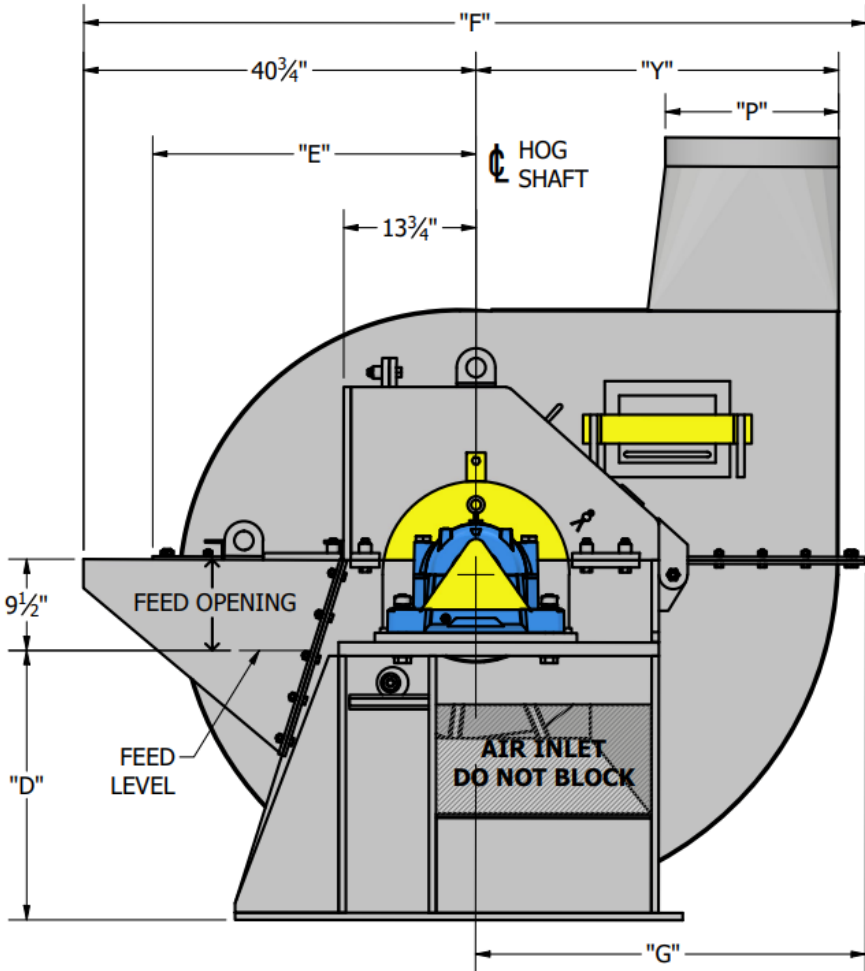
MODEL	BEARING SIZE "U"	STANDARD FLYWHEEL	"A"	"B"	"C"	"L"	"P" (RANGE)	"T"	"U1"	"V"	"W"	"X"	DRIVE KEYWAY
18PM40-HZF	4-7/16	4 X 36	28-3/4	39-3/4	75-3/8	34-11/16	13 – 17	25-13/16	3-15/16	9-1/8	28-11/16	8	1 X 1/2 X 7-1/2
26PM40-HZF	4-7/16	6 X 36	28-3/4	39-3/4	83-3/8	38-11/16	13 – 17	25-13/16	3-15/16	13-1/8	32-11/16	8	1 X 1/2 X 7-1/2
34PM40-HZF	4-7/16	6 X 36	28-3/4	39-3/4	91-3/8	42-11/16	13 – 17	25-13/16	3-15/16	17-1/8	36-11/16	8	1 X 1/2 X 7-1/2
	5-7/16				93-3/8	43-11/16		26-13/16	4-7/16			10	1 X 1/2 X 8-1/2
34PM50-HZF	4-7/16		35-7/8	45-3/8	100-7/8	47-7/16	18 – 21	27-9/16	3-15/16		44-7/16	8	1 X 1/2 X 7-1/2
	5-7/16				102-7/8	48-7/16		28-9/16	4-7/16			10	1 X 1/2 X 8-1/2
42PM40-HZF	4-7/16	6 X 36	28-3/4	39-3/4	99-3/8	46-11/16	13 – 17	25-13/16	3-15/16	21-1/8	40-11/16	8	1 X 1/2 X 7-1/2
	5-7/16				101-3/8	47-11/16		26-13/16	4-7/16			10	1 X 1/2 X 8-1/2
42PM50-HZF	4-7/16		35-7/8	45-3/8	108-7/8	51-7/16	18 – 21	27-9/16	3-15/16		48-7/16	8	1 X 1/2 X 7-1/2
	5-7/16				110-7/8	52-7/16		28-9/16	4-7/16			10	1 X 1/2 X 8-1/2
50PM40-HZF	5-7/16	6 X 36	28-3/4	39-3/4	109-3/8	51-11/16	13 – 17	26-13/16	4-7/16	25-1/8	44-11/16	10	1 X 1/2 X 8-1/2
50PM50-HZF	5-7/16		35-7/8	45-3/8	118-7/8	56-7/16	18 – 21	28-9/16			52-7/16		
58PM50-HZF	5-7/16	6 X 36	35-7/8	45-3/8	126-7/8	60-7/16	18 – 21	28-9/16	4-7/16	29-1/8	56-7/16	10	1 X 1/2 X 8-1/2
66PM50-HZF	5-7/16	6 X 36	35-7/8	45-3/8	134-7/8	64-7/16	18 – 21	28-9/16	4-7/16	33-1/8	60-7/16	10	1 X 1/2 X 8-1/2



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SIDE ELEVATION



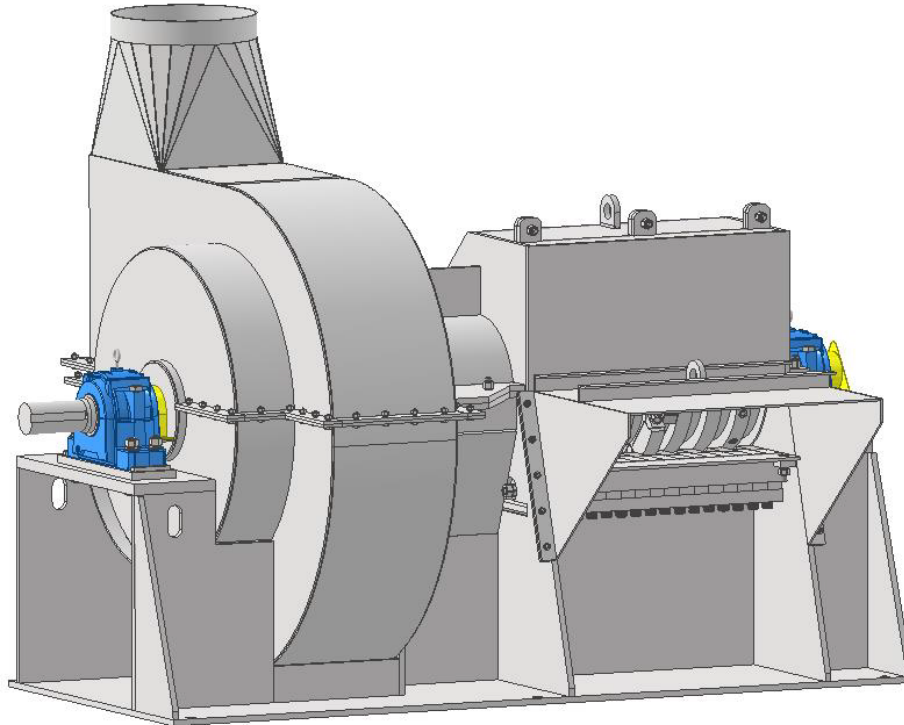
[HOG DIMENSIONS IN INCHES - CONTINUED]

MODEL	BEARING SIZE	"D"	"E"	"F"	"G"	"Y"
18PM40-HZF	4-7/16	20-3/4	26-7/8	72-7/8	32-1/8	29-5/8
26PM40-HZF	4-7/16	20-3/4	26-7/8	72-7/8	32-1/8	29-5/8
34PM40-HZF	4-7/16	20-3/4	26-7/8	72-7/8	32-1/8	29-5/8
	5-7/16					
34PM50-HZF	4-7/16	27-7/8	33-1/4	80-3/4	40	37-1/2
	5-7/16					
42PM40-HZF	4-7/16	20-3/4	26-7/8	72-7/8	32-1/8	29-5/8
	5-7/16					
42PM50-HZF	4-7/16	27-7/8	33-1/4	80-3/4	40	37-1/2
	5-7/16					
50PM40-HZF	5-7/16	20-3/4	26-7/8	72-7/8	32-1/8	29-5/8
50PM50-HZF	5-7/16	27-7/8	33-1/4	80-3/4	40	37-1/2
58PM50-HZF	5-7/16	27-7/8	33-1/4	80-3/4	40	37-1/2
66PM50-HZF	5-7/16	27-7/8	33-1/4	80-3/4	40	37-1/2



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[HOG WEIGHT AND ROTOR INERTIA]

MODEL	BEARING SIZE	WEIGHT (LBS)	WR ² (#FT ²)
18PM40-HZF	4-7/16	9379	2021
26PM40-HZF	4-7/16	10928	2802
34PM40-HZF	4-7/16	11932	2933
	5-7/16	12052	2937
34PM50-HZF	4-7/16	13354	3366
	5-7/16	13474	3370
42PM40-HZF	4-7/16	12953	3064
	5-7/16	13073	3067
42PM50-HZF	4-7/16	14375	3497
	5-7/16	14495	3501
50PM40-HZF	5-7/16	14071	3199
50PM50-HZF	5-7/16	15493	3632
58PM50-HZF	5-7/16	16491	3763
66PM50-HZF	5-7/16	17489	3894