



HD Model Blo-Hog

Dimension Sheet

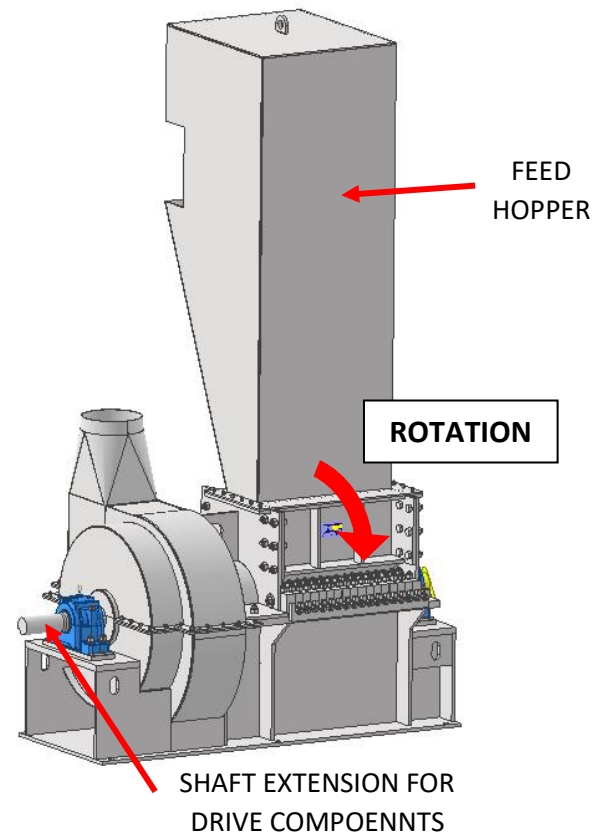
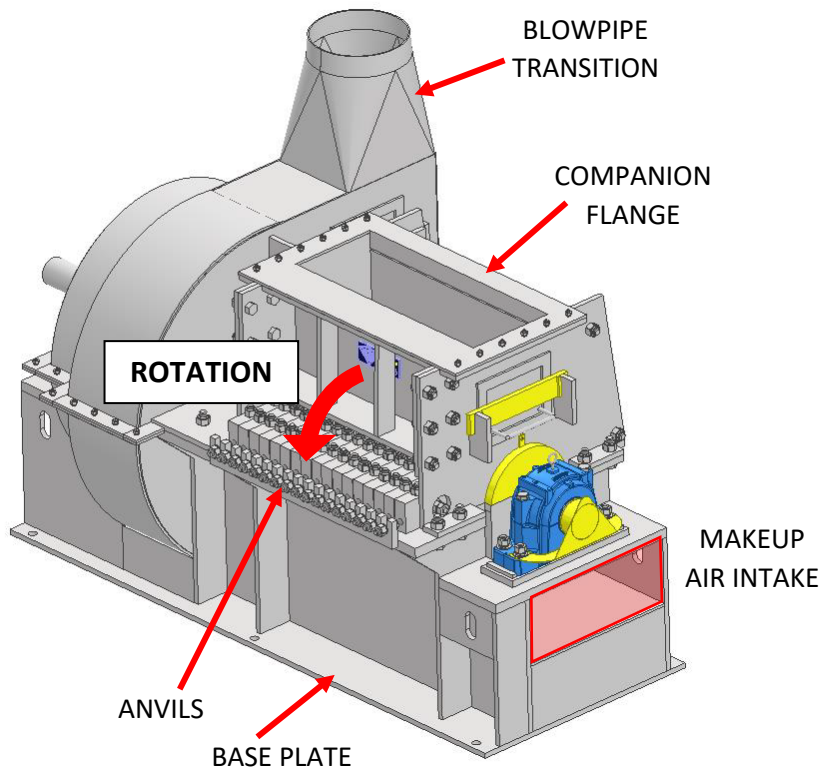
DS 24-02-24

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HD-BH DIMENSION SHEET

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[GENERAL NOTES]

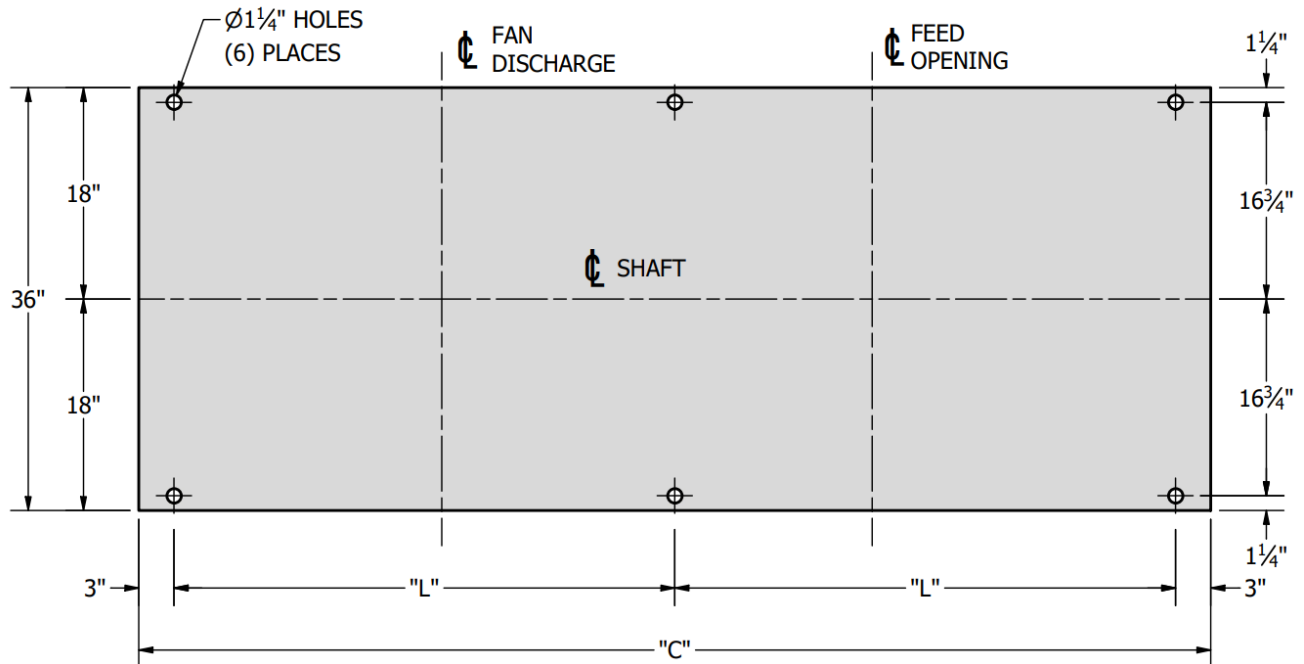
1. **DO NOT FEED AGAINST ROTATION.** FEED MAY BE ANY OF THE OTHER THREE DIRECTIONS.
2. THE HOG MUST BE MOUNTED WITH THE BASE PLATE HORIZONTAL. DO NOT MOUNT THE HOG ON AN ANGLE TO FACILITATE FEEDING. FOUNDATIONS MUST BE SMOOTH, CLEAN, AND LEVEL. **THE UNIT MUST BE SHIMMED PRIOR TO TIGHTENING.** THE UNIT CAN BOW AND BIND, CAUSING EXCESSIVE STRESS IF ANCHORING ALTERS THE INHERENT CONTOUR OF THE BASE PLATE.
3. 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.
4. ALL DIMENSIONS SHOWN ARE STANDARD AND MAY VARY WITH INSTALLATIONS.
5. 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.
6. TO CONTAIN KICKBACK, THE HOPPER SHOULD BE DESIGNED SO THAT THERE IS A MINIMUM OF 60" FROM THE TOP OF THE FEED CONVEYOR BELT TO THE COMPANION FLANGE ON THE UPPER HOUSING.
7. FEED OPENING "F" VARIES WITH APPLICATION. TYPICALLY, "F" IS EITHER 11-3/8", 13-3/8", OR 17-3/8".
8. ALLOW 36" CLEARANCE AROUND THE MACHINE FOR MAINTENANCE. **DO NOT BLOCK THE MAKEUP AIR INLET.**
9. BLO-HOG MODELS SHOULD HAVE SPEED AND POWER CORRECTED FOR ALTITUDE FOR INSTALLATIONS ABOVE 2000 FT MSL.
10. 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.
11. 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.



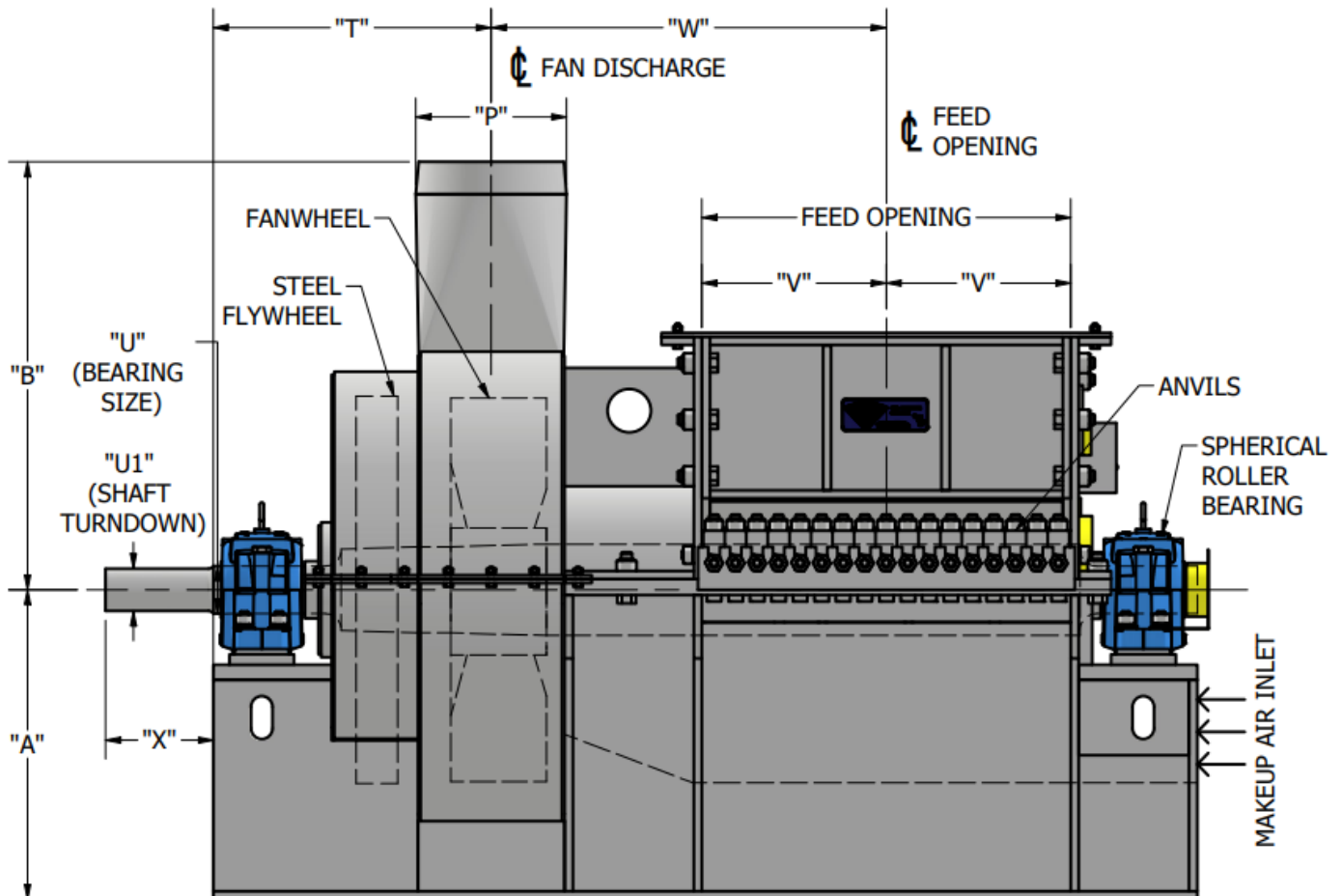
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PLAN VIEW - BASE PLATE ONLY



FRONT ELEVATION





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[HOG DIMENSIONS IN INCHES]

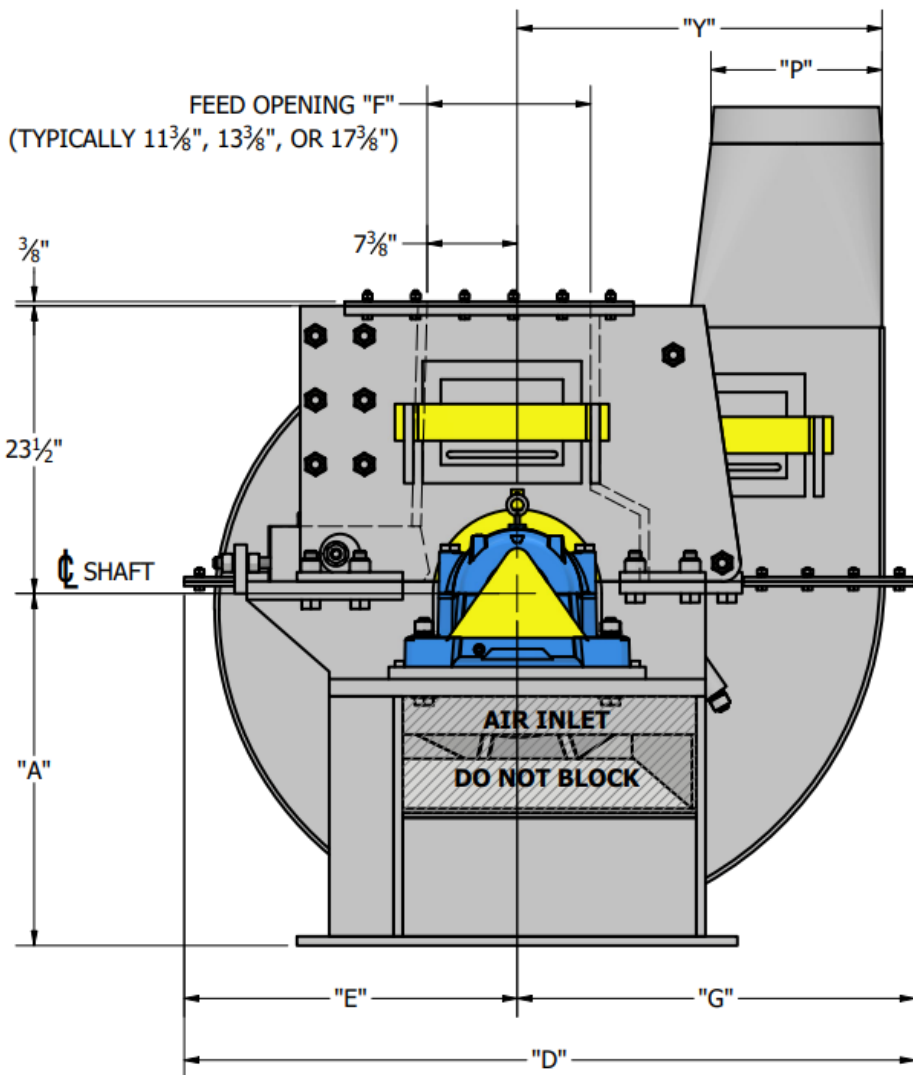
MODEL	BEARING SIZE "U"	STANDARD FLYWHEEL	"A"	"B"	"C"	"L"	"P" (RANGE)	"T"	"U1"	"V"	"W"	"X"	DRIVE KEYWAY		
10HD40	3-15/16	4 X 36	28-3/4	39-3/4	67-3/8	30-11/16	13 – 17	25-13/16	3-7/16	5-1/8	24-11/16	7	7/8 X 7/16 X 6-7/16		
	4-7/16								1 X 1/2 X 6-7/16						
18HD40	3-15/16	4 X 36	28-3/4	39-3/4	75-3/8	34-11/16	13 – 17	25-13/16	3-7/16	9-1/8	28-11/16	8	7/8 X 7/16 X 7-7/16		
	4-7/16								3-15/16				1 X 1/2 X 7-1/2		
18HD50	3-15/16	4 X 36	35-7/8	45-3/8	84-7/8	39-7/16	18 – 21	27-9/16	3-7/16		36-7/16		36-7/16	8	7/8 X 7/16 X 7-7/16
	4-7/16	6 X 36							3-15/16						1 X 1/2 X 7-1/2
26HD40	3-15/16	4 X 36	28-3/4	39-3/4	83-3/8	38-11/16	13 – 17	25-13/16	3-7/16	13-1/8	32-11/16	8	7/8 X 7/16 X 7-7/16		
	4-7/16								3-15/16				1 X 1/2 X 7-1/2		
26HD50	3-15/16	4 X 36	35-7/8	45-3/8	92-7/8	43-7/16	18 – 21	27-9/16	3-7/16		40-7/16		40-7/16	8	7/8 X 7/16 X 7-7/16
	4-7/16	6 X 36							3-15/16						10
34HD40	3-15/16	4 X 36	28-3/4	39-3/4	91-3/8	42-11/16	13 – 17	25-13/16	3-7/16	17-1/8	36-11/16	10	7/8 X 7/16 X 8-7/16		
	4-7/16								3-15/16				1 X 1/2 X 8-1/2		
34HD50	3-15/16	4 X 36	35-7/8	45-3/8	100-7/8	47-7/16	18 – 21	27-9/16	3-7/16		44-7/16		44-7/16	10	7/8 X 7/16 X 8-7/16
	4-7/16	6 X 36			102-7/8	48-7/16		28-9/16	4-7/16						1 X 1/2 X 8-1/2
	5-7/16				103-1/2	48-3/4		22 – 25	28-7/8	3-15/16		45-3/4			1 X 1/2 X 8-1/2
34HD60	4-7/16	6 X 36	41-3/4	50-1/4	105-1/2	49-3/4	22 – 25	29-7/8	4-7/16	45-3/4	45-3/4		10	1 X 1/2 X 8-1/2	
	5-7/16				103-1/2	48-3/4		22 – 25	28-7/8			3-15/16			
42HD40	3-15/16	4 X 36	28-3/4	39-3/4	99-3/8	46-11/16	13 – 17	25-13/16	3-7/16	21-1/8	40-11/16	10	7/8 X 7/16 X 8-7/16		
	4-7/16								3-15/16				1 X 1/2 X 8-1/2		
42HD50	3-15/16	4 X 36	35-7/8	45-3/8	108-7/8	51-7/16	18 – 21	27-9/16	3-7/16		48-7/16		48-7/16	10	7/8 X 7/16 X 8-7/16
	4-7/16	6 X 36			110-7/8	52-7/16		28-9/16	4-7/16						1 X 1/2 X 8-1/2
	5-7/16				111-1/2	52-3/4		22 – 25	28-7/8	3-15/16					
42HD60	4-7/16	6 X 36	41-3/4	50-1/4	113-1/2	53-3/4	22 – 25	29-7/8	4-7/16	49-3/4	49-3/4	10	1 X 1/2 X 8-1/2		
	5-7/16				111-1/2	52-3/4		22 – 25	28-7/8				3-15/16		



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SIDE ELEVATION



[HOG DIMENSIONS IN INCHES - CONTINUED]

MODEL	BEARING SIZE	"D"	"E"	"G"	"P" (RANGE)	"Y"
10HD40	3-15/16	59	26-7/8	32-1/8	13 – 17	29-5/8
	4-7/16					
18HD40	3-15/16	59	26-7/8	32-1/8	13 – 17	29-5/8
	4-7/16					
18HD50	3-15/16	73-1/4	33-1/4	40	18 – 21	37-1/2
	4-7/16					
26HD40	3-15/16	59	26-7/8	32-1/8	13 – 17	29-5/8
	4-7/16					
26HD50	3-15/16	73-1/4	33-1/4	40	18 – 21	37-1/2
	4-7/16					
34HD40	3-15/16	59	26-7/8	32-1/8	13 – 17	29-5/8
	4-7/16					
34HD50	3-15/16	73-1/4	33-1/4	40	18 – 21	37-1/2
	4-7/16					
	5-7/16					
34HD60	4-7/16	85	38-5/8	46-3/8	22 – 25	43-7/8
	5-7/16					
42HD40	3-15/16	59	26-7/8	32-1/8	13 – 17	29-5/8
	4-7/16					
42HD50	3-15/16	73-1/4	33-1/4	40	18 – 21	37-1/2
	4-7/16					
	5-7/16					
42HD60	4-7/16	85	38-5/8	46-3/8	22 – 25	43-7/8
	5-7/16					



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[HOG WEIGHT AND ROTOR INERTIA]

MODEL	BEARING SIZE	WEIGHT (LBS)	WR ² (#FT ²)
10HD40	3-15/16"	7000	1924
	4-7/16"	7100	
18HD40	3-15/16"	7800	1986
	4-7/16"	7900	
18HD50	3-15/16"	8300	2479
	4-7/16"	8850	3128
26HD40	3-15/16"	8600	2048
	4-7/16"	8700	
26HD50	3-15/16"	9100	2541
	4-7/16"	9650	3190
34HD40	3-15/16"	9400	2110
	4-7/16"	9500	
34HD50	3-15/16"	9900	2603
	4-7/16"	10450	3252
	5-7/16"	10650	
34HD60	4-7/16"	10950	4902
	5-7/16"	11150	
42HD40	3-15/16"	10200	2172
	4-7/16"	10300	
42HD50	3-15/16"	10700	2603
	4-7/16"	11250	3314
	5-7/16"	11450	
42HD60	4-7/16"	12550	4964
	5-7/16"	12750	

