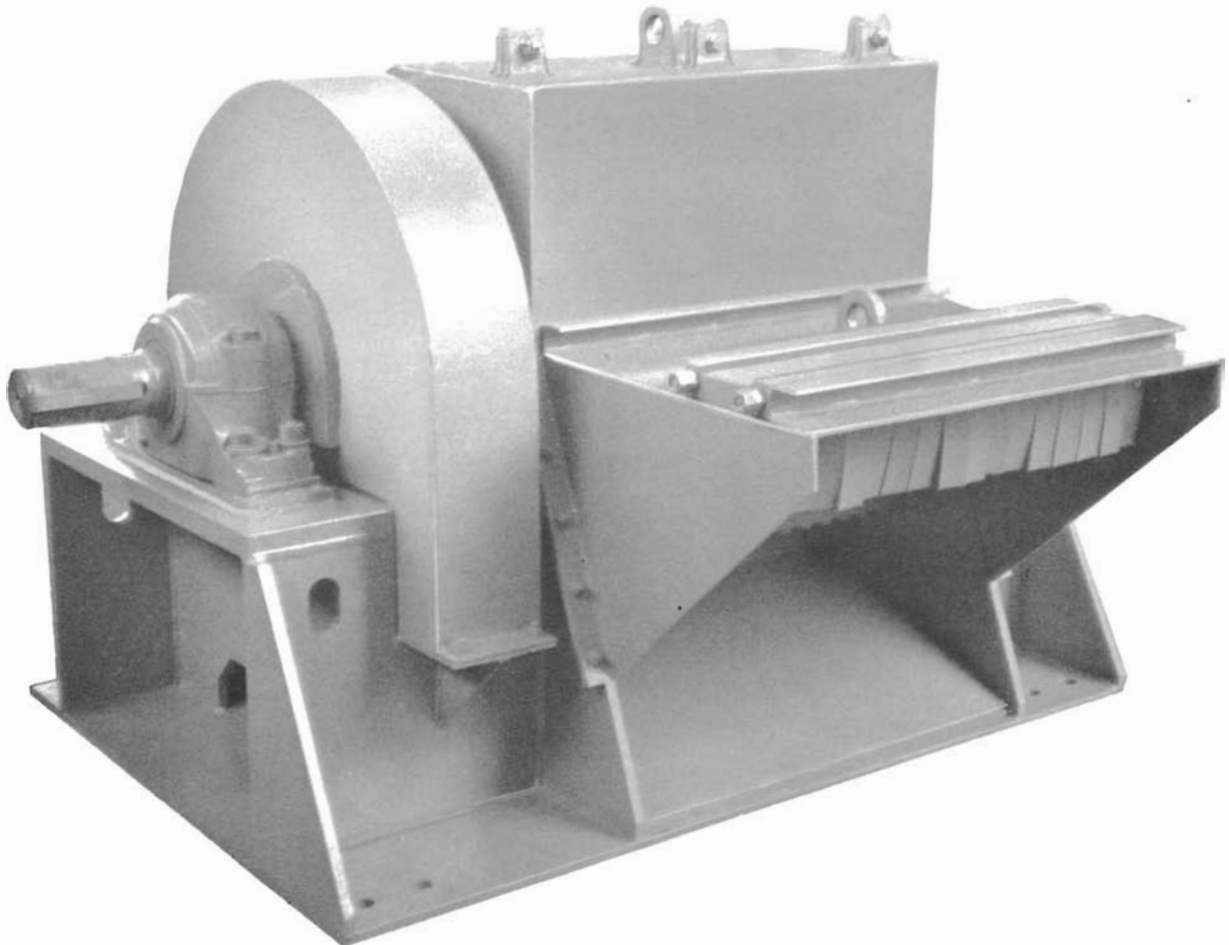


Montgomery

**H.D. MODEL
EAT-RITE HOG**

Horizontal Feed — Rear Discharge



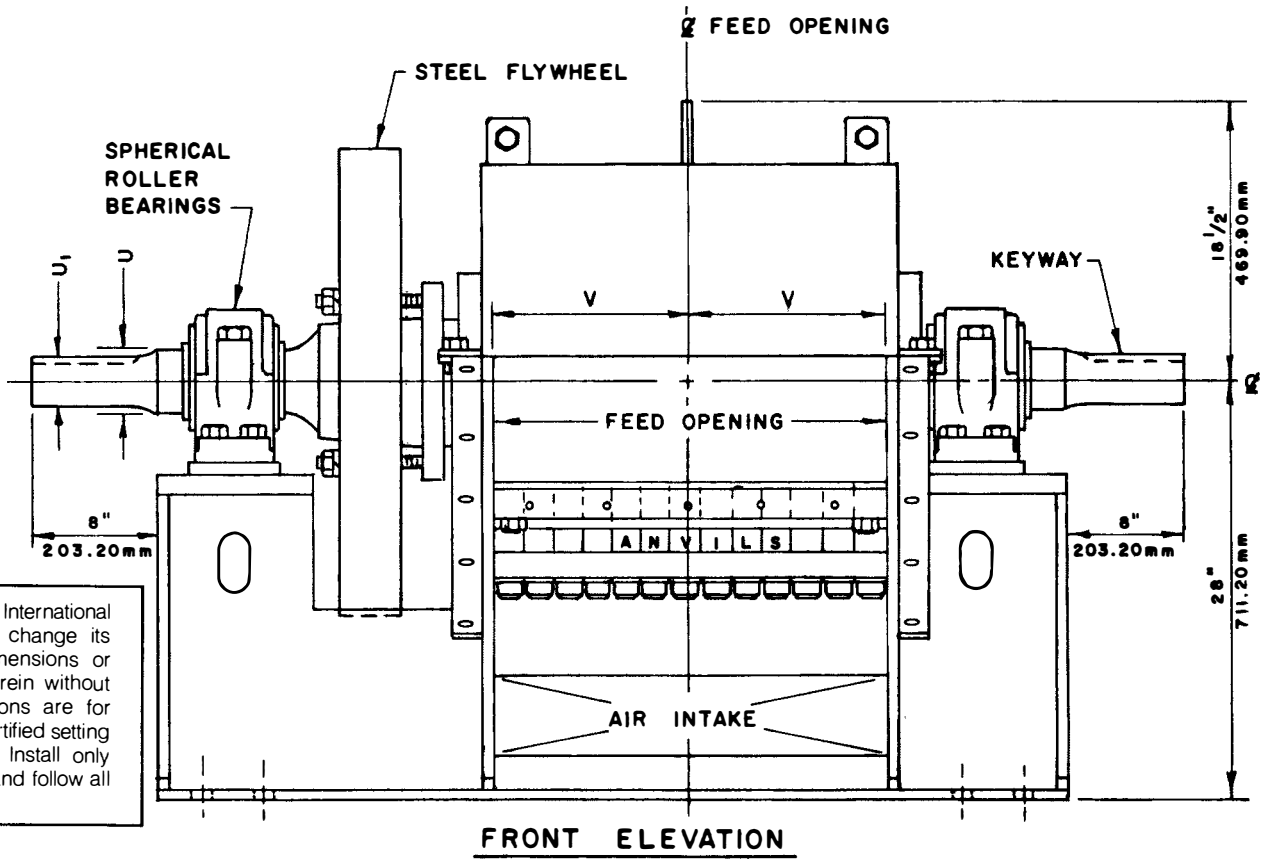
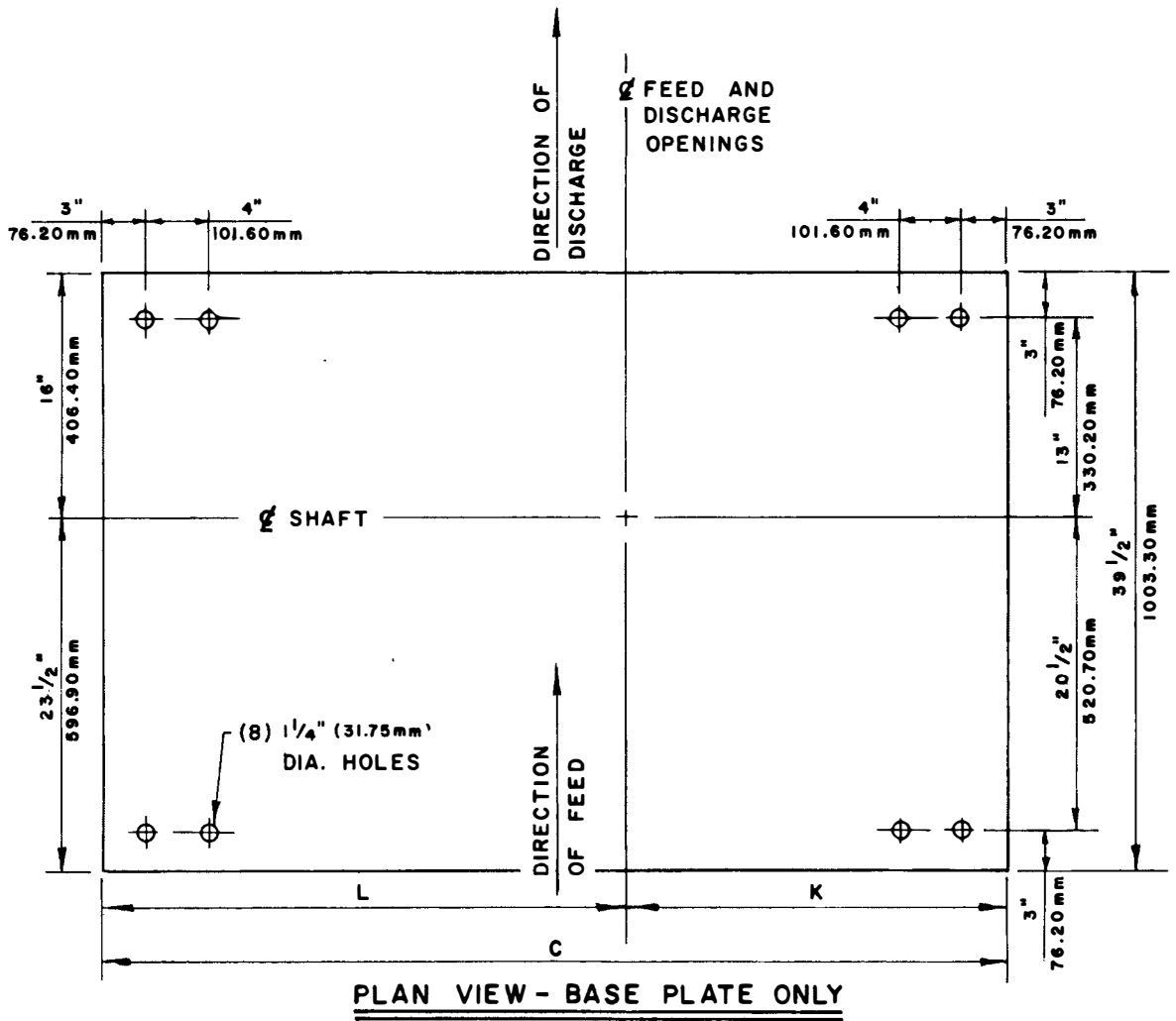
MONTGOMERY INDUSTRIES INTERNATIONAL, INC.

2017 Thelma St. • P.O. Box 3687
JACKSONVILLE, FLORIDA U.S.A. 32206
Phone (904) 355-5671 • FAX (904) 355-0401

Since 1925 - Solving Difficult Problems for Industry

GENERAL NOTES

- Hog must be mounted with base horizontal. Do not mount hog on an angle to facilitate feeding.
- Use a reinforced concrete foundation 12" (304.80mm) minimum thickness, to extend 6" (152.40 mm) beyond hog base on all sides. In cold climates the depth will be determined by the frost line.
- Allow 36" (914.40 mm) clearance all around machine for maintenance.
- During normal operation there is very little impact or vibration load transmitted to the base of the machine. However, if Hog is to be mounted on steel columns, the supporting structure should be designed for two and one half times the static load for safety.
- All dimensions shown are standard and may vary with special installations.
- Hog can be built opposite hand from that shown. Flywheel can be mounted either end if requested before assembly is started.
- Conversion Dim. in mm shown for Ref. Only. When metric Dim. are specified, shaft ends and keyseats will be metric standard.

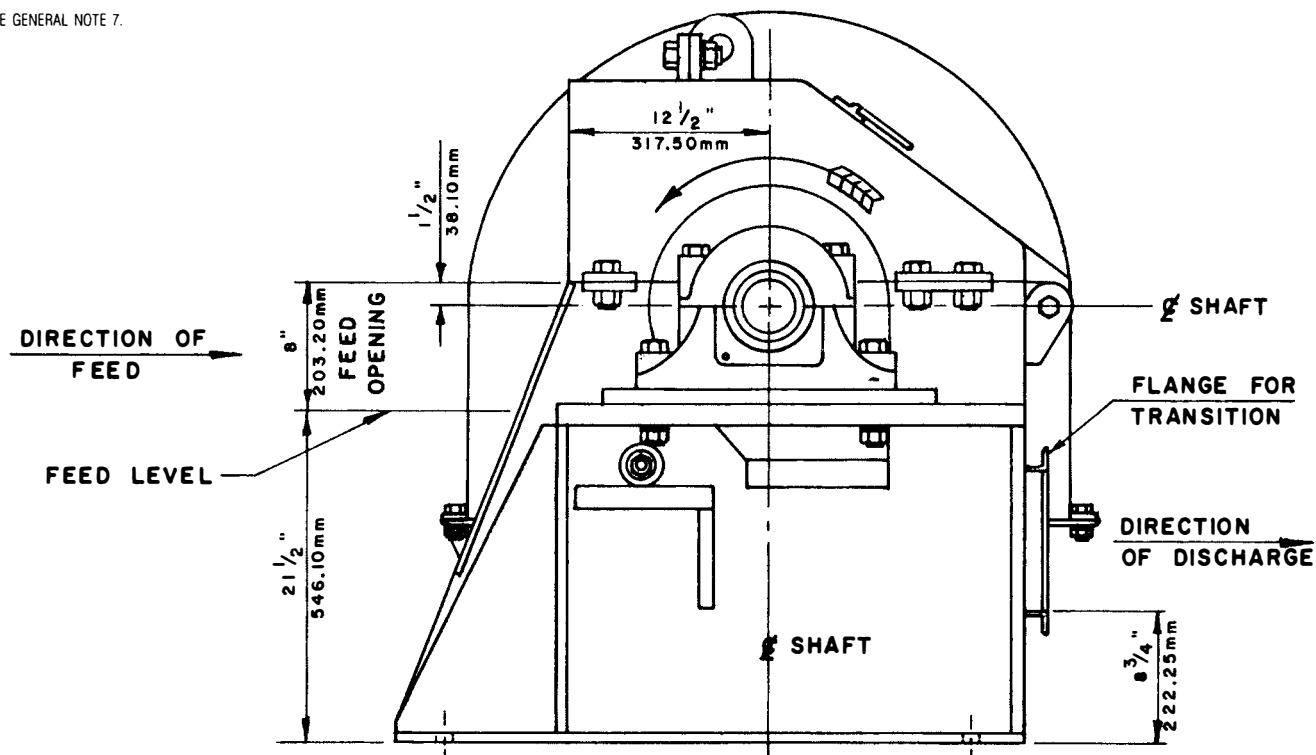


Montgomery Industries International reserves the right to change its designs and any dimensions or materials specified herein without prior notice. Dimensions are for reference only. Use certified setting plan for construction. Install only with factory approval and follow all safety requirements.

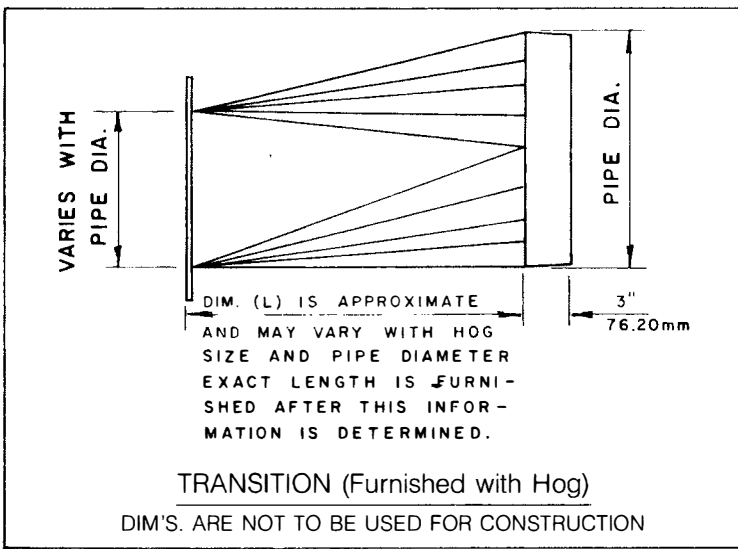
DIMENSIONS IN INCHES											
MODEL	BEARING SIZE	STANDARD FLYWHEEL	C	K	L	U	U ₁ *	V	KEYWAY*	WT. — LB.	WR ² #FT. ²
10 HD-HZF	3 15/16	4 x 30	43¾	16 7/8	26 7/8	3 15/16	3 7/16	5 1/8	7/8 x 7/16 x 7 7/16	5,000	752
10 HD-HZF	4 7/16	4 x 30	43¾	16 7/8	26 7/8	4 7/16	3 15/16	5 1/8	1 x ½ x 7½	5,100	752
18 HD-HZF	3 15/16	4 x 30	51¾	20 7/8	30 7/8	3 15/16	3 7/16	9 1/8	7/8 x 7/16 x 7 7/16	5,800	814
18 HD-HZF	4 7/16	4 x 30	51¾	20 7/8	30 7/8	4 7/16	3 15/16	9 1/8	1 x ½ x 7½	5,900	814
18 HD-HZF	5 7/16	6 x 30	53¾	21 7/8	31 7/8	5 7/16	4 15/16	9 1/8	1¼ x 5/8 x 7 5/8	6,550	1,088
26 HD-HZF	3 15/16	4 x 30	59¾	24 7/8	34 7/8	3 15/16	3 7/16	13 1/8	7/8 x 7/16 x 7 7/16	6,600	876
26 HD-HZF	4 7/16	4 x 30	59¾	24 7/8	34 7/8	4 7/16	3 15/16	13 1/8	1 x ½ x 7½	6,700	876
26 HD-HZF	5 7/16	6 x 30	61¾	25 7/8	35 7/8	5 7/16	4 15/16	13 1/8	1¼ x 5/8 x 7 5/8	7,350	1,150
34 HD-HZF	3 15/16	4 x 30	67¾	28 7/8	38 7/8	3 15/16	3 7/16	17 1/8	7/8 x 7/16 x 7 7/16	7,400	938
34 HD-HZF	4 7/16	6 x 30	67¾	28 7/8	38 7/8	4 7/16	3 15/16	17 1/8	1 x ½ x 7½	7,950	1,212
34 HD-HZF	5 7/16	6 x 30	69¾	29 7/8	39 7/8	5 7/16	4 15/16	17 1/8	1¼ x 5/8 x 7 5/8	8,150	1,212
42 HD-HZF	3 15/16	4 x 30	75¾	32 7/8	42 7/8	3 15/16	3 7/16	21 1/8	7/8 x 7/16 x 7 7/16	8,200	1,000
42 HD-HZF	4 7/16	6 x 30	75¾	32 7/8	42 7/8	4 7/16	3 15/16	21 1/8	1 x ½ x 7½	8,750	1,274
42 HD-HZF	5 7/16	6 x 30	77¾	33 7/8	43 7/8	5 7/16	4 15/16	21 1/8	1¼ x 5/8 x 7 5/8	8,950	1,274
50 HD-HZF	3 15/16	4 x 30	83¾	36 7/8	46 7/8	3 15/16	3 7/16	25 1/8	7/8 x 7/16 x 7 7/16	9,000	1,062
50 HD-HZF	4 7/16	6 x 30	83¾	36 7/8	46 7/8	4 7/16	3 15/16	25 1/8	1 x ½ x 7½	9,550	1,336
50 HD-HZF	5 7/16	6 x 30	85¾	37 7/8	47 7/8	5 7/16	4 15/16	25 1/8	1¼ x 5/8 x 7 5/8	9,750	1,336
58 HD-HZF	3 15/16	4 x 30	91¾	40 7/8	50 7/8	3 15/16	3 7/16	29 1/8	7/8 x 7/16 x 7 7/16	9,800	1,123
58 HD-HZF	4 7/16	6 x 30	91¾	40 7/8	50 7/8	4 7/16	3 15/16	29 1/8	1 x ½ x 7½	10,350	1,397
58 HD-HZF	5 7/16	6 x 30	93¾	41 7/8	51 7/8	5 7/16	4 15/16	29 1/8	1¼ x 5/8 x 7 5/8	10,550	1,397

CONVERSION DIMENSIONS IN MILLIMETERS*											
MODEL	BEARING SIZE	STANDARD FLYWHEEL	C	K	L	U	U ₁ *	V	KEYWAY*	WT. — Kg	Kg — m ²
10 HD-HZF	100.01	101.60 x 762.0	1111.25	428.625	682.625	100.01	87.31	130.175	22.22 x 11.11 x 188.91	2267.96	31.68
10 HD-HZF	112.71	101.60 x 762.0	1111.25	428.625	682.625	112.71	100.01	130.175	25.40 x 12.70 x 190.50	2313.32	31.68
18 HD-HZF	100.01	101.60 x 762.0	1314.45	530.225	784.225	100.01	87.31	231.775	22.22 x 11.11 x 188.91	2630.83	34.29
18 HD-HZF	112.71	101.60 x 762.0	1314.45	530.225	784.225	112.71	100.01	231.775	25.40 x 12.70 x 190.50	2676.19	34.29
18 HD-HZF	138.11	152.40 x 762.0	1365.25	555.625	809.625	138.11	125.41	231.775	31.75 x 15.87 x 193.67	2971.03	45.84
26 HD-HZF	100.01	101.60 x 762.0	1517.65	631.825	885.825	100.01	87.31	333.375	22.22 x 11.11 x 188.91	2993.71	36.91
26 HD-HZF	112.71	101.60 x 762.0	1517.65	631.825	885.825	112.71	100.01	333.375	25.40 x 12.70 x 190.50	3039.07	36.91
26 HD-HZF	138.11	152.40 x 762.0	1568.45	657.225	911.225	138.11	125.41	333.375	31.75 x 15.87 x 193.67	3333.90	48.45
34 HD-HZF	100.01	101.60 x 762.0	1720.85	733.425	987.425	100.01	87.31	434.975	22.22 x 11.11 x 188.91	3356.58	39.52
34 HD-HZF	112.71	152.40 x 762.0	1720.85	733.425	987.425	112.71	100.01	434.975	25.40 x 12.70 x 190.50	3606.06	51.06
34 HD-HZF	138.11	152.40 x 762.0	1771.65	758.825	1012.825	138.11	125.41	434.975	31.75 x 15.87 x 193.67	3696.77	51.06
42 HD-HZF	100.01	101.60 x 762.0	1924.05	835.025	1089.025	100.01	87.31	536.575	22.22 x 11.11 x 188.91	3719.45	42.13
42 HD-HZF	112.71	152.40 x 762.0	1924.05	835.025	1089.025	112.71	100.01	536.575	25.40 x 12.70 x 190.50	3968.93	53.67
42 HD-HZF	138.11	152.40 x 762.0	1974.85	860.425	1114.425	138.11	125.41	536.575	31.75 x 15.87 x 193.67	4059.65	53.67
50 HD-HZF	100.01	101.60 x 762.0	2127.25	936.625	1190.625	100.01	87.31	638.175	22.22 x 11.11 x 188.91	4082.33	44.74
50 HD-HZF	112.71	152.40 x 762.0	2127.25	936.625	1190.625	112.71	100.01	638.175	25.40 x 12.70 x 190.50	4331.80	56.29
50 HD-HZF	138.11	152.40 x 762.0	2178.05	962.025	1216.025	138.11	125.41	638.175	31.75 x 15.87 x 193.67	4422.52	56.29
58 HD-HZF	100.01	101.60 x 762.0	2330.45	1038.225	1292.225	100.01	87.31	739.775	22.22 x 11.11 x 188.91	4445.20	47.31
58 HD-HZF	112.71	152.40 x 762.0	2330.45	1038.225	1292.225	112.71	100.01	739.775	25.40 x 12.70 x 190.50	4694.68	58.86
58 HD-HZF	138.11	152.40 x 762.0	2381.25	1063.625	1317.625	138.11	125.41	739.775	31.75 x 15.87 x 193.67	4785.40	58.86

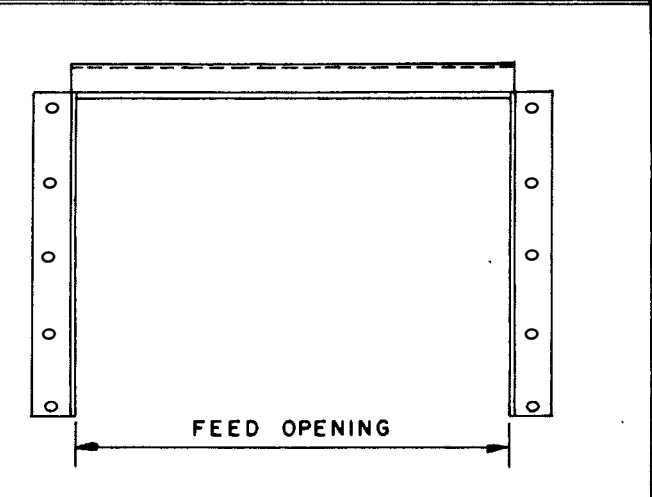
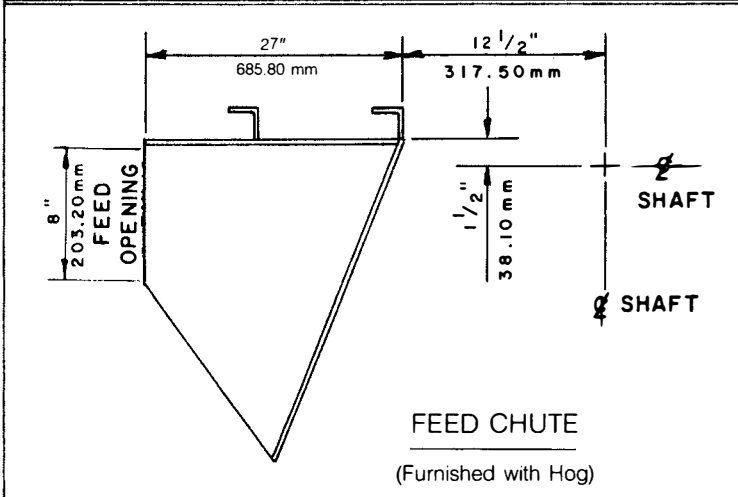
* SEE GENERAL NOTE 7.



END ELEVATION, OPP. FLYWHEEL



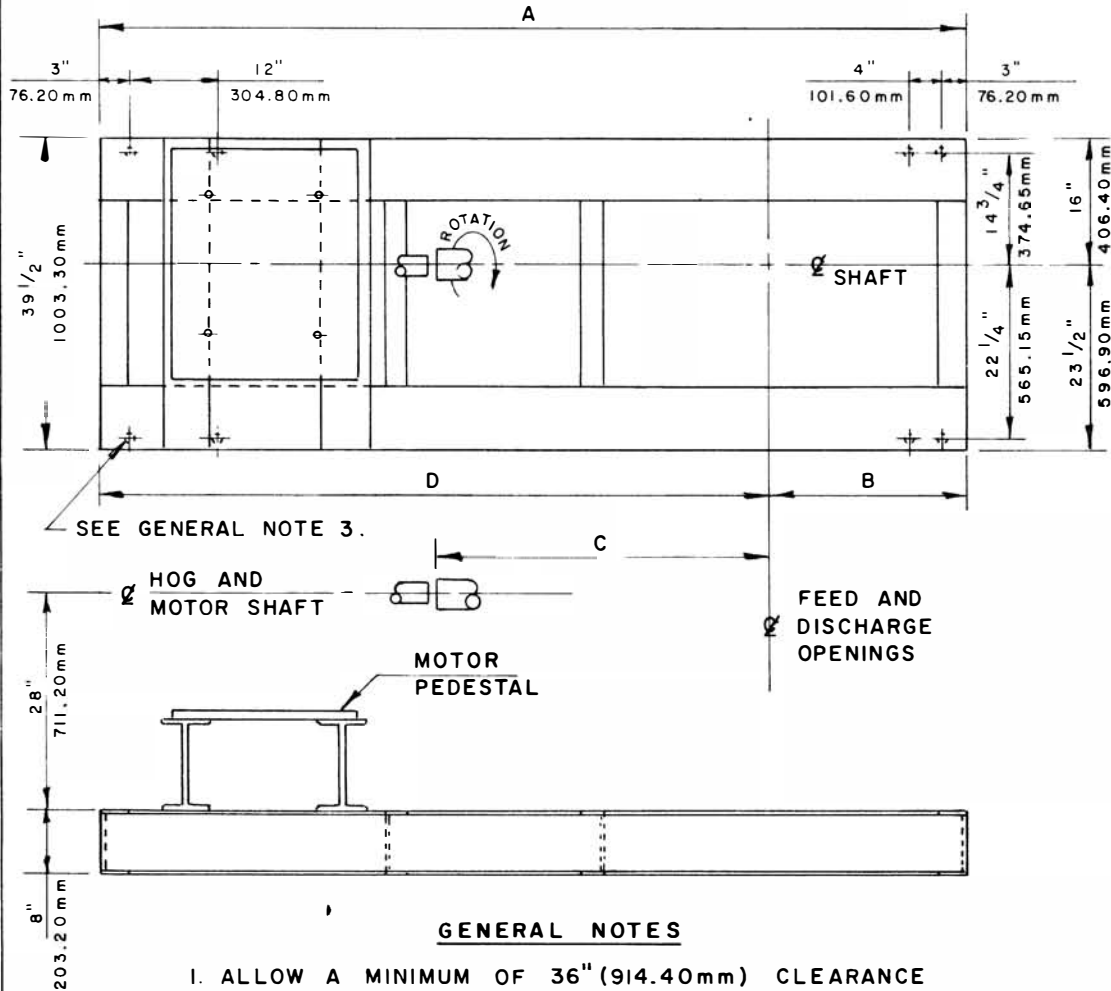
DIMENSIONS IN INCHES		DIMENSIONS IN MILLIMETERS	
PIPE DIA.	L	PIPE DIA.	L
13	18	330.20	457.20
14	18	355.60	457.20
15	18	381.00	457.20
16	18 - 24	406.40	457.20 - 609.60
17	18 - 24	431.80	457.20 - 609.60
18	18 - 24	457.20	457.20 - 609.60
19	18 - 24	482.60	457.20 - 609.60
20	18 - 24	508.00	457.20 - 609.60
21	24 - 30	533.40	609.60 - 762.00
22	24 - 30	558.80	609.60 - 762.00
23	24 - 30	584.20	609.60 - 762.00
24	24 - 30	609.60	609.60 - 762.00



DIMENSIONS IN INCHES		
MODEL	EXPORT CRATING (APPROX.)	(APPROX.) EXPORT WEIGHT LB. GROSS
10 HD-HZF	53 1/4" W. x 67 3/4" L. x 51 1/2" H. = 107.5 FT. ³	5,521
18 HD-HZF	53 1/4" W. x 75 3/4" L. x 51 1/2" H. = 120.2 FT. ³	6,347
26 HD-HZF	53 1/4" W. x 83 3/4" L. x 51 1/2" H. = 132.9 FT. ³	7,173
34 HD-HZF	53 1/4" W. x 91 3/4" L. x 51 1/2" H. = 145.6 FT. ³	8,449
42 HD-HZF	53 1/4" W. x 99 3/4" L. x 51 1/2" H. = 158.3 FT. ³	9,275
50 HD-HZF	53 1/4" W. x 107 3/4" L. x 51 1/2" H. = 171.0 FT. ³	10,101
58 HD-HZF	53 1/4" W. x 115 3/4" L. x 51 1/2" H. = 183.7 FT. ³	10,927

DIMENSIONS IN MILLIMETERS		
MODEL	EXPORT CRATING (APPROX.)	(APPROX.) EXPORT WEIGHT Kg. GROSS
10 HD-HZF	1352.55mm W. x 1720.85mm L. x 1308.10mm H. = 3.04 M ³	2504.28
18 HD-HZF	1352.55mm W. x 1924.05mm L. x 1308.10mm H. = 3.40 M ³	2878.95
26 HD-HZF	1352.55mm W. x 2127.25mm L. x 1308.10mm H. = 3.76 M ³	3253.62
34 HD-HZF	1352.55mm W. x 2330.45mm L. x 1308.10mm H. = 4.12 M ³	3832.40
42 HD-HZF	1352.55mm W. x 2533.65mm L. x 1308.10mm H. = 4.48 M ³	4207.07
50 HD-HZF	1352.55mm W. x 2736.85mm L. x 1308.10mm H. = 4.84 M ³	4581.73
58 HD-HZF	1352.55mm W. x 2940.05mm L. x 1308.10mm H. = 5.20 M ³	4956.40

NOTES:



SEE GENERAL NOTE 3.

GENERAL NOTES

1. ALLOW A MINIMUM OF 36" (914.40mm) CLEARANCE ALL AROUND FOR MAINTENANCE.
2. MOTOR CAN BE MOUNTED ON THE OPPOSITE END FROM THAT SHOWN.
3. (8) 1 1/4" (31.75mm) DIA. HOLES FOR 1" (25.40mm) N.C. ANCHOR BOLTS. BOLTS TO EXTEND 3" (76.20mm) ABOVE A MINIMUM OF 12" (304.80mm) OF REINFORCED CONCRETE.

SUB-BASE

DIMENSIONS IN INCHES

MODEL	BEARING SIZE	A	B	C	D	WT.-LB.
10HD-HZF	3 15/16"	95 1/4"	16 7/8"	34 7/8"	78 3/8"	1160
10HD-HZF	4 7/16"	"	"	"	"	"
18HD-HZF	3 15/16"	103 1/4"	20 7/8"	38 7/8"	82 3/8"	1213
18HD-HZF	4 7/16"	"	"	"	"	"
18HD-HZF	5 7/16"	105 1/4"	21 7/8"	39 7/8"	83 3/8"	"
26HD-HZF	3 15/16"	111 1/4"	24 7/8"	42 7/8"	86 3/8"	1266
26HD-HZF	4 7/16"	"	"	"	"	"
26HD-HZF	5 7/16"	113 1/4"	25 7/8"	43 7/8"	87 3/8"	"
34HD-HZF	3 15/16"	119 1/4"	28 7/8"	46 7/8"	90 3/8"	1319
34HD-HZF	4 7/16"	"	"	"	"	"
34HD-HZF	5 7/16"	121 1/4"	29 7/8"	47 7/8"	91 3/8"	"
42HD-HZF	3 15/16"	127 1/4"	32 7/8"	50 7/8"	94 3/8"	1372
42HD-HZF	4 7/16"	"	"	"	"	"
42HD-HZF	5 7/16"	129 1/4"	33 7/8"	51 7/8"	95 3/8"	"
50HD-HZF	3 15/16"	135 1/4"	36 7/8"	54 7/8"	98 3/8"	1425
50HD-HZF	4 7/16"	"	"	"	"	"
50HD-HZF	5 7/16"	137 1/4"	37 7/8"	55 7/8"	99 3/8"	"
58HD-HZF	3 15/16"	143 1/4"	40 7/8"	58 7/8"	102 3/8"	1478
58HD-HZF	4 7/16"	"	"	"	"	"
58HD-HZF	5 7/16"	145 1/4"	41 7/8"	59 7/8"	103 3/8"	"

DIMENSIONS IN MILLIMETERS

MODEL	BEARING SIZE	A	B	C	D	WT.-Kg.
10HD-HZF	100.01	2419.35	428.625	885.82	1990.725	526.17
10HD-HZF	112.71	"	"	"	"	"
18HD-HZF	100.01	2622.55	530.225	987.42	2092.325	550.21
18HD-HZF	112.71	"	"	"	"	"
18HD-HZF	138.11	2673.35	555.625	1012.82	2117.725	"
26HD-HZF	100.01	2825.75	631.825	1089.02	2193.925	574.25
26HD-HZF	112.71	"	"	"	"	"
26HD-HZF	138.11	2876.55	657.225	1114.42	2219.325	"
34HD-HZF	100.01	3028.95	733.425	1190.62	2295.525	598.29
34HD-HZF	112.71	"	"	"	"	"
34HD-HZF	138.11	3079.75	758.825	1216.02	2320.925	"
42HD-HZF	100.01	3232.15	835.025	1292.22	2397.125	622.33
42HD-HZF	112.71	"	"	"	"	"
42HD-HZF	138.11	3282.95	860.425	1317.62	2422.525	"
50HD-HZF	100.01	3435.35	936.625	1393.82	2498.725	646.37
50HD-HZF	112.71	"	"	"	"	"
50HD-HZF	138.11	3486.15	962.025	1419.22	2524.125	"
58HD-HZF	100.01	3638.55	1038.225	1495.42	2600.325	670.41
58HD-HZF	112.71	"	"	"	"	"
58HD-HZF	138.11	3689.35	1063.625	1520.82	2625.725	"

DIMENSIONS IN INCHES								DIMENSIONS IN MILLIMETERS							
DIM.	10HD-HZF	18HD-HZF	26HD-HZF	34HD-HZF	42HD-HZF	50HD-HZF	58HD-HZF	DIM.	10HD-HZF	18HD-HZF	26HD-HZF	34HD-HZF	42HD-HZF	50HD-HZF	58HD-HZF
A	9 ³ / ₄ "	9 ³ / ₄ "	12 ³ / ₄ "	12 ³ / ₄ "	17 ³ / ₄ "	17 ³ / ₄ "	17 ³ / ₄ "	A	247.65	247.65	323.85	323.85	450.85	450.85	450.85
B	8"	12"	18"	24"	36"	42"	50"	B	203.20	304.80	457.20	609.60	914.40	1066.80	1270.00
C	8"	18"	24"	30"	42"	48"	56"	C	203.20	457.20	609.60	762.00	1066.80	1219.20	1422.40
D	10 ¹ / ₂ "	20 ¹ / ₂ "	26 ¹ / ₂ "	32 ¹ / ₂ "	46 ¹ / ₂ "	52 ¹ / ₂ "	60 ¹ / ₂ "	D	266.70	520.70	673.10	825.50	1181.10	1333.50	1536.70
E	10 ¹ / ₄ "	18 ¹ / ₄ "	26 ¹ / ₄ "	34 ¹ / ₄ "	42 ¹ / ₄ "	50 ¹ / ₄ "	58 ¹ / ₄ "	E	260.35	463.55	666.75	869.95	1073.15	1276.35	1479.55
F	8"	16"	24"	30"	40"	48"	56"	F	203.20	406.40	609.60	762.00	1016.00	1219.20	1422.40
WT-LB	450	500	850	900	1250	1800	1920	WT-Kg	204.12	266.80	385.55	408.23	566.99	816.47	870.90

GENERAL NOTES

1. NOT TO BE USED FOR INSTALLATION.
2. NOT APPLICABLE TO INTEGRAL FAN MODELS.
3. ATTACH HOG BASE PLATE TO STRUCTURAL STEEL SUB-BASE OR CONCRETE AT CUSTOMERS DISCRETION.

