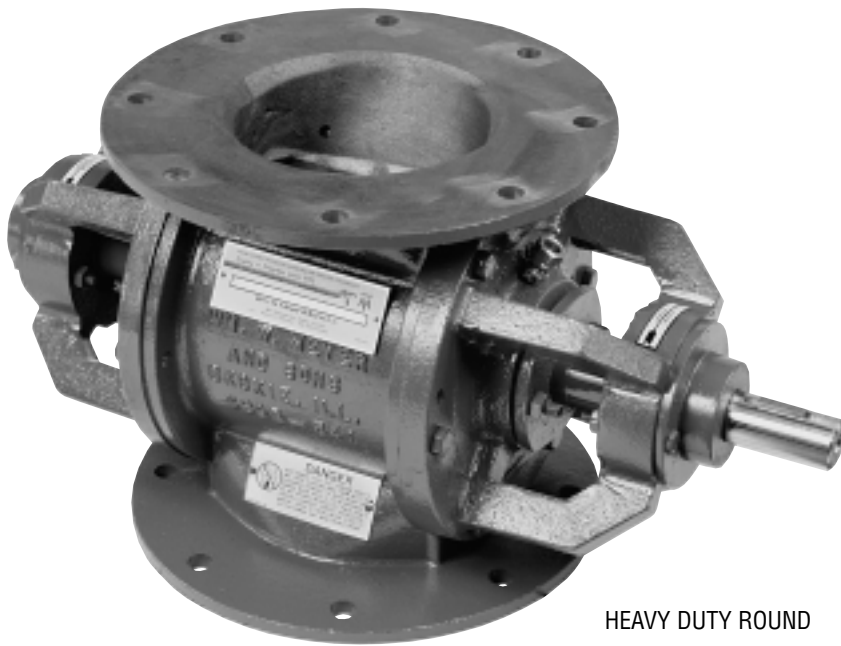




# ROTARY AIRLOCK FEEDERS



HEAVY DUTY ROUND

## HD SERIES HEAVY DUTY DROP-THRU

### FEATURES:

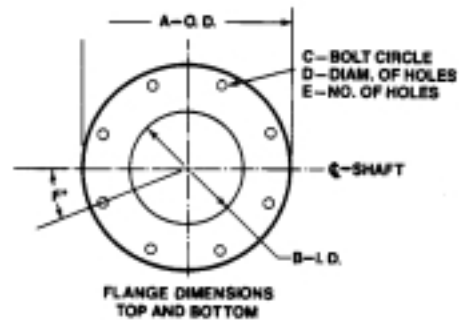
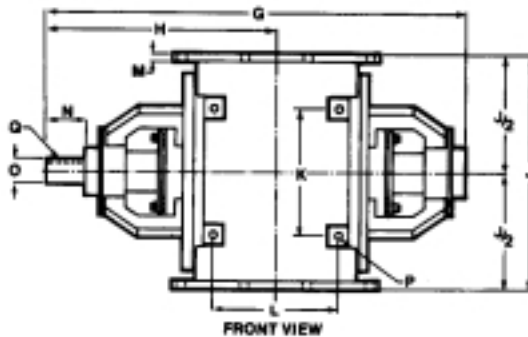
- Outboard bearings
- Replaceable packing rings
- Round or square flange available
- Larger shaft diameters than competition
- Pressure differentials to 15PSI
- Cast iron, 304SS, 316SS Ni-Hard

### BENEFITS:

- No product contamination higher operating temperatures
- Easy packing change without rotor removal
- Select from multiple sizes to fit the application
- Reduces deflection
- Assures maximum torque delivery

### INDUSTRIES WHERE USED:

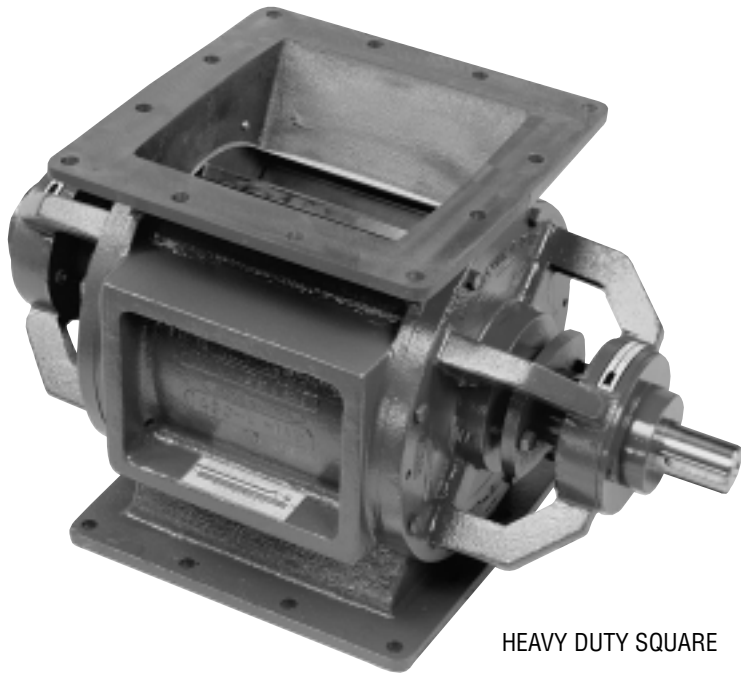
- Plastic
- Chemical
- Food
- Asphalt
- Mining
- Baking
- Cement
- Paint



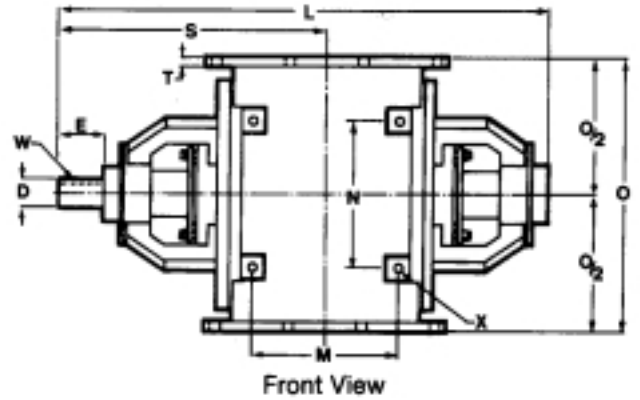
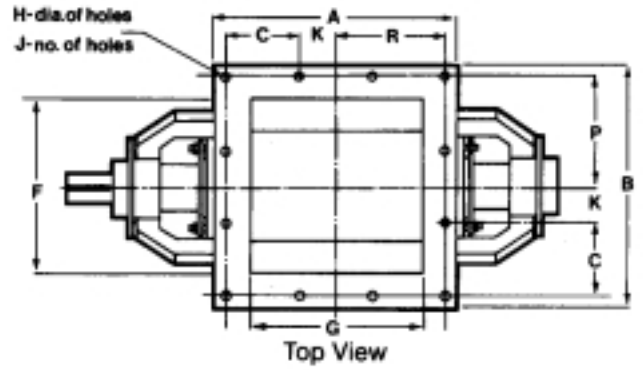
### Dimensions (In Inches)

#### HEAVY DUTY, ROUND FLANGE, DROP THRU SERIES

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
6 x 6	11	6	9 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>16</sub>	8	22 <sup>1</sup> / <sub>2</sub> °	19 <sup>7</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>16</sub>	10	5 <sup>5</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub> -16	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub> x 2
8 x 8	13 <sup>1</sup> / <sub>2</sub>	8	11 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>16</sub>	8	22 <sup>1</sup> / <sub>2</sub> °	21 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>4</sub>	12	7 <sup>1</sup> / <sub>4</sub>	6	1 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub> -16	5 <sup>1</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>32</sub> x 2
10 x 10	16	10	14 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>16</sub>	12	15°	26 <sup>3</sup> / <sub>4</sub>	14 <sup>5</sup> / <sub>8</sub>	15	8 <sup>1</sup> / <sub>8</sub>	8	1 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub> -13	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub> x 2
12 x 12	19	12	17	11 <sup>1</sup> / <sub>16</sub>	12	15°	34 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	2	1 <sup>1</sup> / <sub>2</sub> -13	1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub> x 3
14 x 14	21	14	18 <sup>3</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>8</sub>	12	15°	39	21 <sup>3</sup> / <sub>8</sub>	21	9 <sup>1</sup> / <sub>4</sub>	12	5 <sup>3</sup> / <sub>8</sub>	4	2 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub> -13	5 <sup>3</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>16</sub> x 4
16 x 16	23 <sup>1</sup> / <sub>2</sub>	16	21 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	16	11 <sup>1</sup> / <sub>4</sub> °	41 <sup>1</sup> / <sub>4</sub>	22 <sup>5</sup> / <sub>8</sub>	24	12	14	5 <sup>3</sup> / <sub>8</sub>	4	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub> -13	5 <sup>3</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>16</sub> x 4



HEAVY DUTY SQUARE



**Dimensions** (In Inches)

**HEAVY DUTY, SQUARE FLANGE, DROP THRU SERIES**

SIZE	A	B	C	D	E	F	G	H	J*	K	L	M	N	O	P	R	S	T	W†	X
4 x 4	5 1/2	5 1/2	—	15/16	2 1/2	3 1/2	3 1/2	5/16	8	1 1/4	16 3/4	25 1/16	4 13/16	7 3/4	2 3/8	2 3/8	9 5/8	1/4	1/4 x 1/8 x 2	5/16-18
6 x 6	8	8	—	1 1/8	2 1/2	5 1/2	5 1/2	7/16	8	1 7/8	19 7/8	4 5/16	5 5/8	10	3 5/8	3 5/8	11 3/16	3/8	1/4 x 1/8 x 2	3/8-16
8 x 8	11	11	—	1 3/8	2 1/2	7 1/2	7 1/2	7/16	8	2 1/2	21 3/4	6	7 1/4	12	4 7/8	4 7/8	12 1/4	1/2	5/16 x 5/32 x 2	3/8-16
9 x 9	14 1/2	13	‡	1 3/4	3 3/16	9	9	7/16	12	‡	24 13/16	7 1/2	8	14	5 3/4	6 1/2	14	9/16	3/8 x 3/16 x 3	1/2-13
10 x 10	13 1/4	13 1/4	4	1 5/8	2 1/2	9 1/2	9 1/2	9/16	12	2	26 3/4	8	8 1/8	15	6	6	14 5/8	1/2	3/8 x 3/16 x 2	1/2-13
12 x 12	16 1/4	16 1/4	4 7/8	2	3 1/2	11 1/4	11 1/4	9/16	12	2 7/16	34 1/4	9 3/4	10 1/2	18 1/4	7 5/16	7 5/16	18 7/8	5/8	1/2 x 1/4 x 3	1/2-13
12 x 21	25	16	4 3/4	2	3 1/2	11	20	9/16	16	2 3/8	42 3/4	11	10 1/2	15	7 1/8	11 7/8	23 1/8	5/8	1/2 x 1/4 x 3	1/2-13
14 x 14	19	19	4 1/4	2 3/16	4	14	14	9/16	16	4 1/4	39	12	9 1/4	21	8 1/2	8 1/2	21 3/8	5/8	1/2 x 1/4 x 4	1/2-13
16 x 16	22	22	5	2 1/2	4	16	16	9/16	16	5	41 1/4	14	12	24	10	10	22 5/8	5/8	5/8 x 5/16 x 4	1/2-13
18 x 18	24	24	5 1/4	2 1/2	4	18	18	1 1/16	16	5 1/4	43 1/4	16	12	27	10 1/2	10 1/2	23 5/8	1	5/8 x 5/16 x 4	1/2-13
22 x 22	28	28	5	2 1/2	4	22	22	1 1/16	20	2 1/2	47 1/4	20	12	31	12 1/2	12 1/2	25 5/8	1	5/8 x 5/16 x 4	1/2-13
26 x 26	32	32	5 7/8	2 15/16	4	25 1/2	25 1/2	1 1/16	20	2 15/16	50 3/8	‡	‡	35	14 1/16	14 1/16	27 1/2	1	3/4 x 3/8 x 4	3/4-10
30 x 30	36	36	6 3/4	2 15/16	4	30	30	1 1/16	20	3 3/8	54	‡	‡	39	16 7/8	16 7/8	29 1/2	1	3/4 x 3/8 x 4	3/4-10
36 x 36	43	43	6 3/4	3	4 5/8	36	36	1 3/16	24	—	60 1/4	34	16	47	20 1/4	20 1/4	32 3/8	1	3/4 x 3/8 x 4	3/4-10

\*No. of holes in flange. Note: No holes in corners on 4 x 4, 6 x 6 or 8 x 8. Only 2 on each side straddling center line. †Key way in shaft - width x depth x length. ‡Consult factory.



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