



BUSHING AND/OR AIR SEAL CAN BE INSTALLED ON INLET OR OUTLET SIDE OF FAN.

- A = BLADE TIP THICKNESS @ 19° BLADE ANGLE
- B = RUNNING POSITION OF BLADES
- C = MAXIMUM DROOP POSITION OF BLADES
- D = MINIMUM OBSTACLE CLEARANCE AT INLET
- F = CENTERLINE OF FAN TO BASE OF BUSHING
- G = BUSHING OVERALL HEIGHT
- H = MINIMUM OBSTACLE CLEARANCE AT OUTLET
- I = NOMINAL MECHANICAL HUB DIAMETER
- L = MAX. BUSHING TORQUE FT. LBS.
- # = WITH S.A.E. STANDARD SQUARE KEYWAY
- * = WITH SHALLOW KEYWAY IN BUSHING
- ° = MAX METRIC BORE WITH STANDARD KEYWAY

WITH FAN OPERATING AT 12000 FT: MINUTE BLADE TIP SPEED PERCENT BLADE LOADING

| DIA | PERCENT BLADE LOADING | | C | D | H | |
|-----|-----------------------|------|------|------|------|------|
| | 100% | 75% | | | | |
| 4' | 5.0" | 1.2" | 0.9" | 3.2" | 2.0" | 7.0" |
| 5' | 4.6" | 1.5" | 1.1" | 3.5" | 2.0" | 7.0" |
| 6' | 4.2" | 1.8" | 1.4" | 3.8" | 2.0" | 7.0" |
| 7' | 3.8" | 2.1" | 1.6" | 4.1" | 2.0" | 7.0" |
| 8' | 3.4" | 2.6" | 2.0" | 4.6" | 2.0" | 7.0" |

| MAX BLADES | BUSHING TYPE | MAX # BORE | MAX * BORE | MAX ° BORE | I | F | G | L |
|------------|--------------|------------|------------|------------|----|------|------|------|
| | | | | | 7" | 1.6" | 2.7" | 4000 |
| 8 | W | 3.750" | 4.000" | 100 | 9" | 1.8" | 2.8" | 7300 |



SERIES 24 STANDARD HUB HD FAN RIGHT HAND ROTATION