



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% | | | | |
| 5' | 4.8" | 1.4" | 1.0" | 3.4" | 2.0" | 7.0" |
| 6' | 4.4" | 1.7" | 1.2" | 3.7" | 2.0" | 7.0" |
| 7' | 4.0" | 2.0" | 1.5" | 4.0" | 2.0" | 7.0" |
| 8' | 3.6" | 2.4" | 1.8" | 4.4" | 2.0" | 7.0" |
| 9' | 3.2" | 2.8" | 2.1" | 4.8" | 2.0" | 7.0" |
| 10' | 2.8" | 3.2" | 2.4" | 5.2" | 2.0" | 7.0" |

| MAX BLADES | BUSHING TYPE | MAX # BORE | MAX * BORE | I | F | G | L |
|---------------|-----------------|------------------|------------------|----|------|------|------|
| | | | | 7" | 2.0" | 2.7" | 4000 |
| 6 | U | 2.750" | 2.938" | 9" | 2.0" | 2.7" | 4000 |
| 8 | U | 2.750" | 2.938" | 9" | 2.2" | 2.8" | 7300 |
| 8 | W | 3.750" | 4.000" | | | | |



SERIES 30 STANDARD HUB HD FAN RIGHT HAND ROTATION