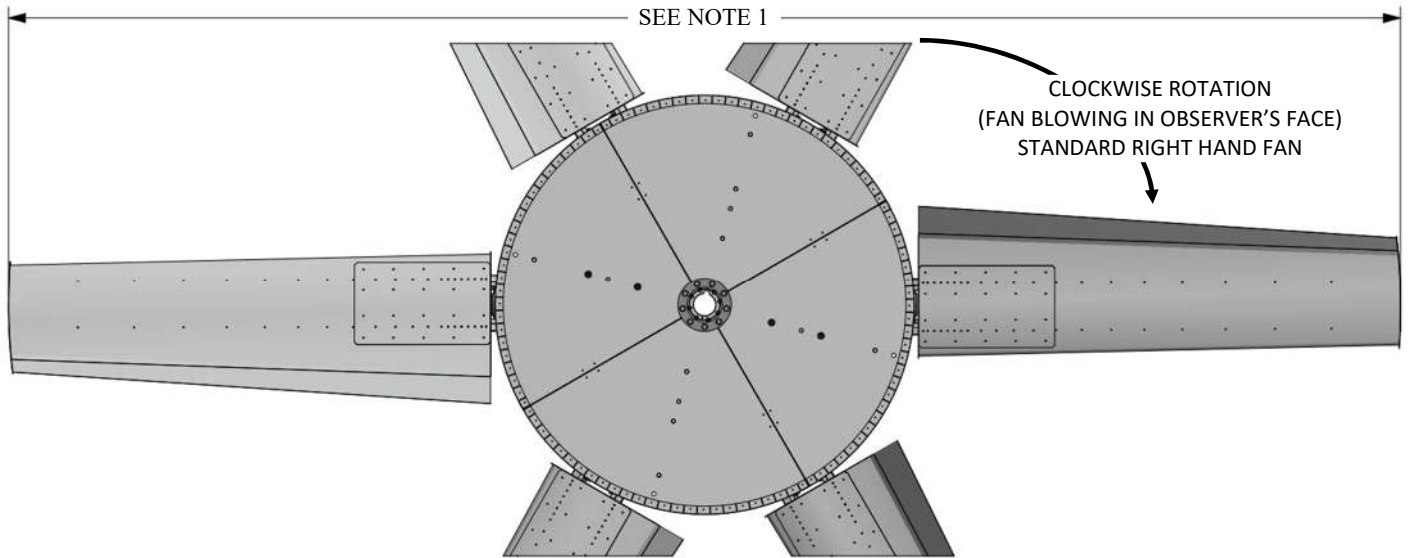
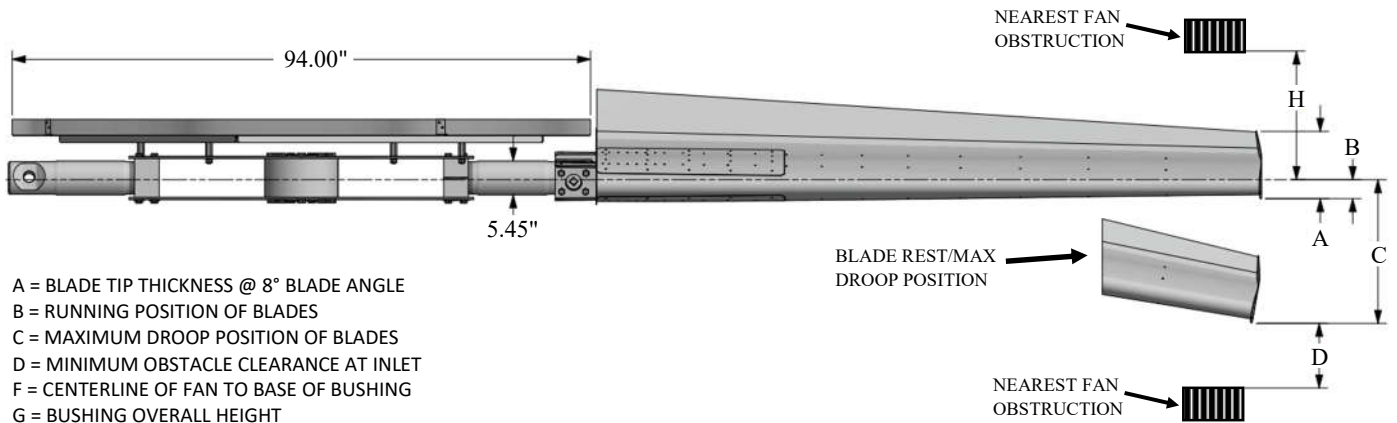


CLASS 20000 HD SERIES 96

STANDARD HUB, RH ROTATION

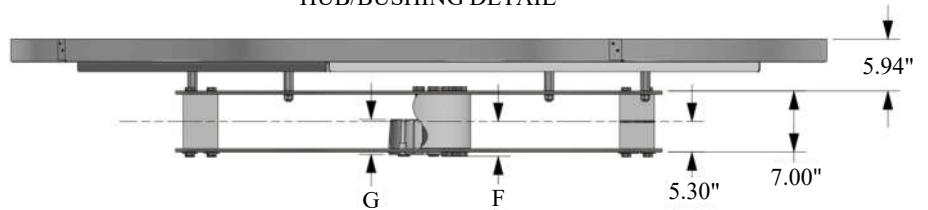


NOTE 1:
 MAXIMUM FAN DIAMETER EQUALS NOMINAL FAN DIAMETER.
 ADJUSTMENT OF ±1.5 INCHES* POSSIBLE AT INSTALLATION
 *BLADES WITH ATEX TIPS HAVE ADJUSTMENT OF -1.0" & +2.0"
 ON DIAMETER



- A = BLADE TIP THICKNESS @ 8° 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
- L = MAX . BUSHING TORQUE FT. LBS.
- # = WITH S.A.E. STANDARD SQUARE KEYWAY
- * = WITH SHALLOW KEYWAY IN BUSHING
- o = MAX METRIC BORE WITH STANDARD KEYWAY

HUB/BUSHING DETAIL



WITH FAN OPERATING AT 12000 FT/MINUTE BLADE TIP SPEED

| DIA | PERCENT BLADE LOADING | | C | D | H | |
|-------|-----------------------|------|------|-------|----|-------|
| | 8° | 100% | | | | 75% |
| 26.0' | 7.5" | 2.6" | 2.0" | 3.7" | 8" | 20.0" |
| 27.0' | 7.5" | 3.2" | 2.4" | 4.6" | 8" | 20.0" |
| 28.0' | 7.5" | 3.8" | 2.9" | 5.6" | 8" | 20.0" |
| 29.0' | 7.5" | 4.6" | 3.5" | 6.7" | 8" | 20.0" |
| 30.0' | 7.5" | 5.4" | 4.2" | 8.0" | 8" | 20.0" |
| 31.0' | 7.5" | 6.4" | 4.9" | 9.4" | 8" | 20.0" |
| 32.0' | 7.5" | 7.5" | 5.7" | 11.0" | 8" | 20.0" |
| 33.0' | 7.5" | 8.7" | 6.7" | 12.8" | 8" | 20.0" |
| 34.0' | 7.5" | 9.2" | 7.0" | 13.5" | 8" | 20.0" |

| MAX BLADES | BUSHING TYPE | MAX # BORE | MAX * BORE | MAX o BORE | F | G | L |
|------------|--------------|------------|------------|------------|------|------|-------|
| 12 | Z | 5.000" | 5.500" | 140 | 3.7" | 4.0" | 18000 |