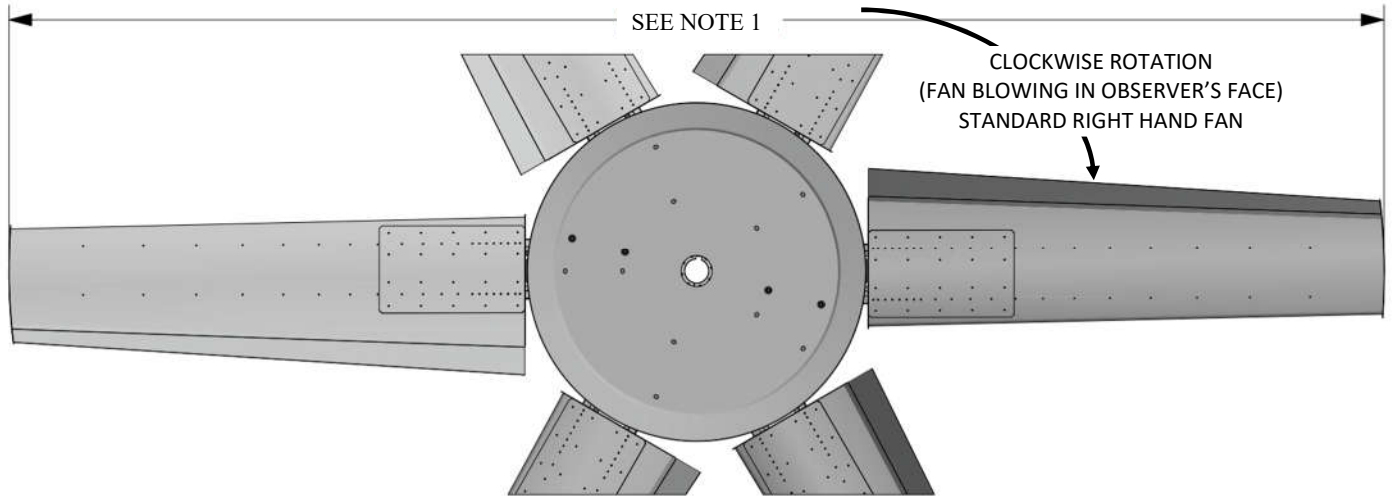
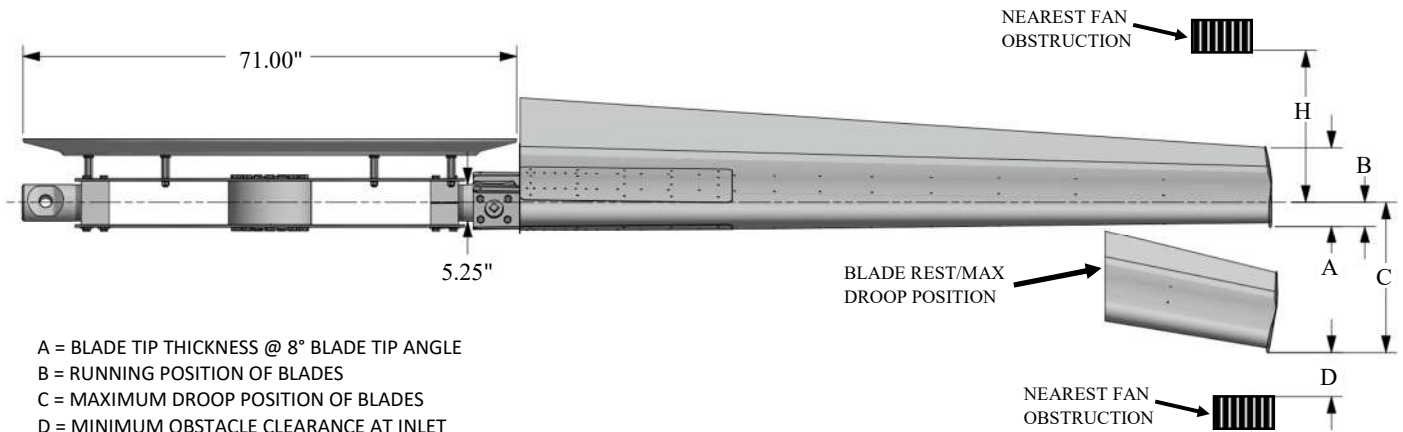


# CLASS 20000 HD SERIES 72

## STANDARD HUB, RH ROTATION

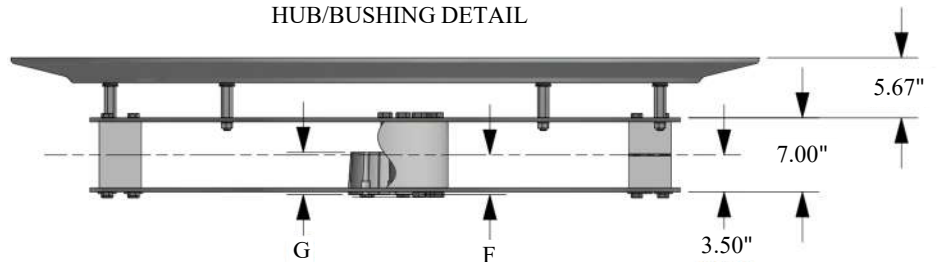


NOTE 1:  
 MAXIMUM FAN DIAMETER EQUALS NOMINAL FAN DIAMETER.  
 ADJUSTMENT OF ±1.5 INCHES\* POSSIBLE AT INSTALLATION  
 \*BLADES WITH ATEX TIPS HAVE ADJUSTMENT OF -1.0" & +2.0"  
 ON DIAMETER



- A = BLADE TIP THICKNESS @ 8° BLADE TIP 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	BLADE ANGLE	PERCENT BLADE LOADING		C	D	H
	8°	100%	75%			
24.0'	7.5"	1.9"	1.5"	2.8"	8"	20.0"
25.0'	7.5"	2.4"	1.8"	3.5"	8"	20.0"
26.0'	7.5"	2.9"	2.3"	4.3"	8"	20.0"
27.0'	7.5"	3.6"	2.7"	5.2"	8"	20.0"
28.0'	7.5"	4.3"	3.3"	6.2"	8"	20.0"
29.0'	7.5"	5.1"	3.9"	7.4"	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