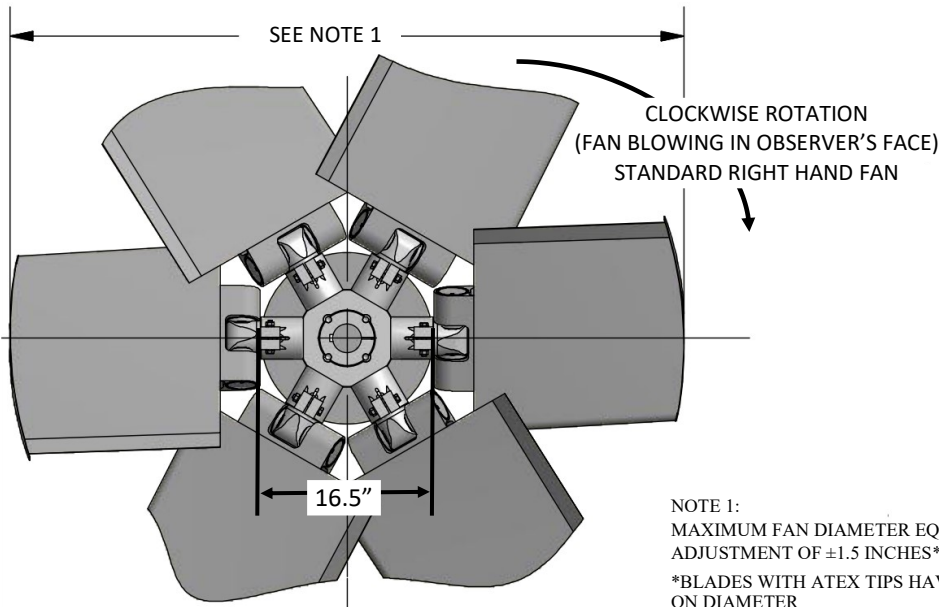
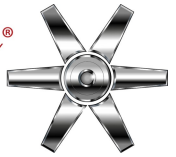
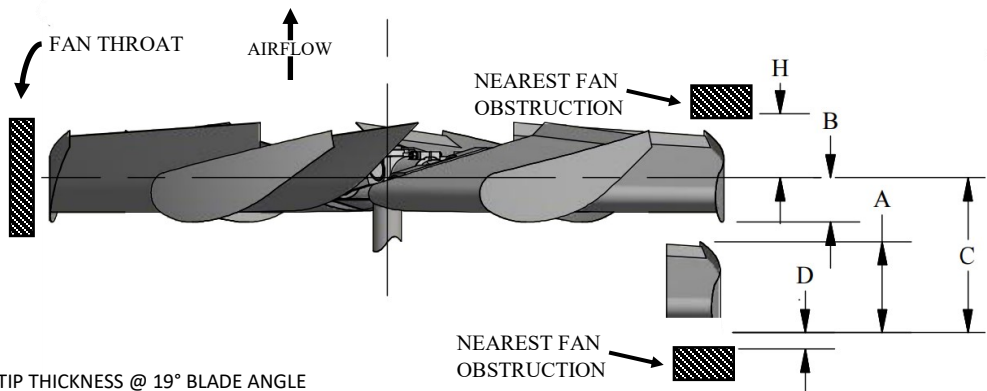


CLASS 10000 HD SERIES 18 SC

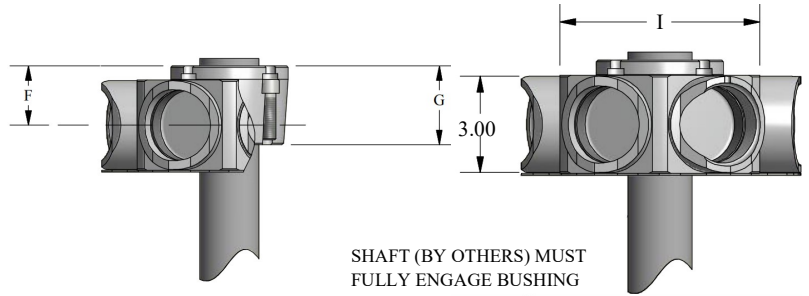
STANDARD HUB, RH ROTATION



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 @ 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 = MAXIMUM BUSHING TORQUE FT. LBS.
- # = WITH S.A.E. STANDARD SQUARE KEYWAY
- * = WITH SHALLOW KEYWAY IN BUSHING
- o = MAX METRIC BORE WITH STANDARD KEYWAY



BUSHING CAN BE INSTALLED ON INLET
 OR OUTLET SIDE OF FAN. AIR SEAL
 MUST BE OPPOSITE OF BUSHING

**WITH FAN OPERATING AT
 12000 FT/MINUTE BLADE TIP SPEED**

DIA	PERCENT BLADE LOADING				C	D	H
	100%		75%				
	A	B	B	B			
3.5'	7.1"	3.3"	3.2"	3.3"	2.0"	7.0"	
4'	6.9"	3.3"	3.3"	3.5"	2.0"	7.0"	
5'	6.6"	3.6"	3.4"	4"	2.0"	7.0"	
6'	6.2"	4"	3.7"	4.7"	2.0"	7.0"	

MINIMUM ANGLE FOR INSTALLATION IS 7° FOR A 5
 BLADE FAN AND 13° FOR A 6 BLADE FAN.

MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	MAX o BORE	I	F	G	L
6	U	2.750"	2.938"	75	7"	2.0"	2.7"	4000