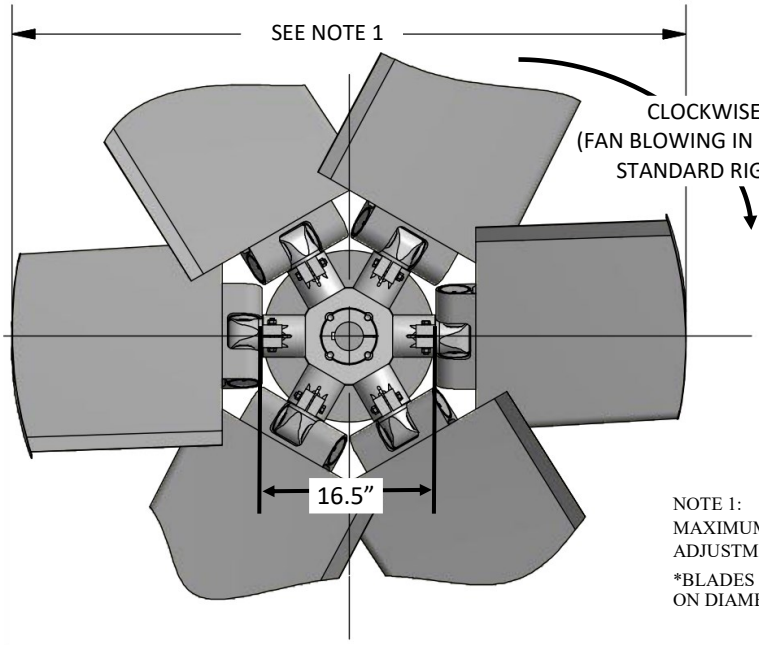
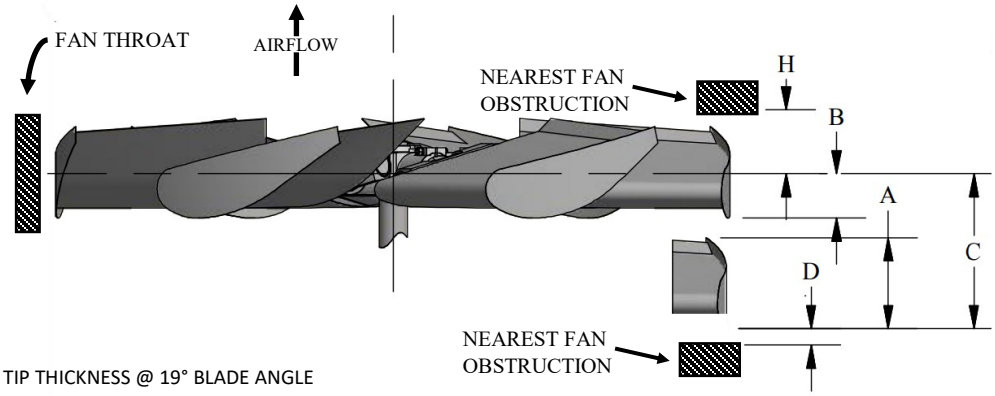
CLASS 10000 HD SERIES 18 SC

STANDARD HUB, RH ROTATION

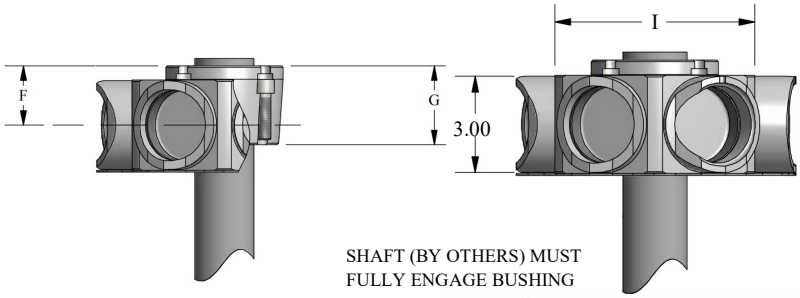


NOTE 1:
MAXIMUM FAN DIAMETER EQUALS NOMINAL FAN DIAMETER. ADJUSTMENT OF ±1.5 INCHES* POSSIBLE AT INSTALLATION

*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



SHAFT (BY OTHERS) MUST FULLY ENGAGE BUSHING

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

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

WITH FAN OPERATING AT 12000 FT/MINUTE BLADE TIP SPEED						
		PERCENT BLADE LOADING				
		100%	75%			
DIA	A	B		C	D	H
3'	5.2"	1.1"	0.8"	3.1"	2.0"	7.0"
4'	4.8"	1.4"	1.0"	3.4"	2.0"	7.0"
5'	4.4"	1.7"	1.3"	3.7"	2.0"	7.0"
6'	4.0"	2.0"	1.5"	4.0"	2.0"	7.0"

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