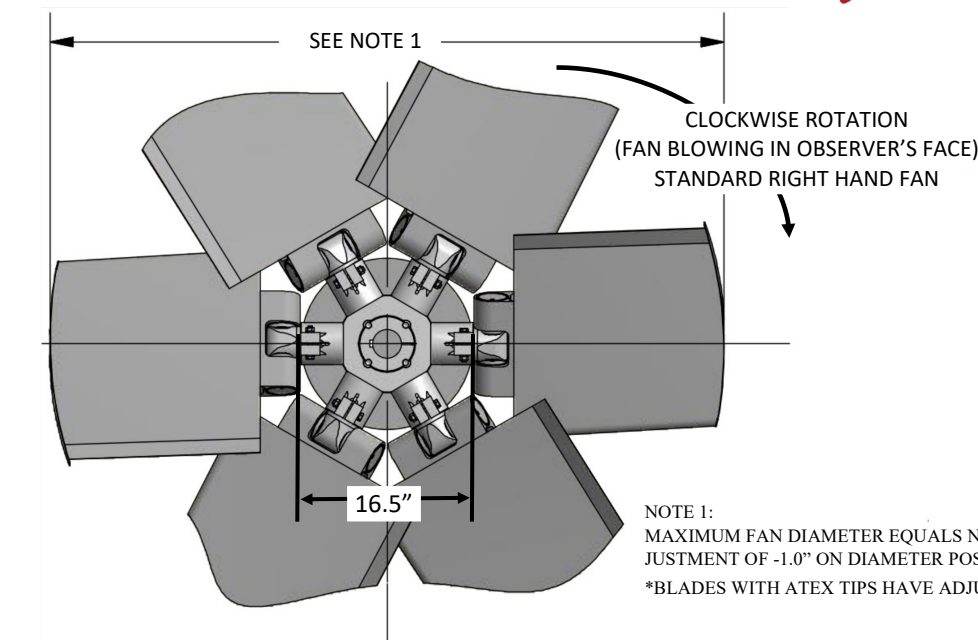


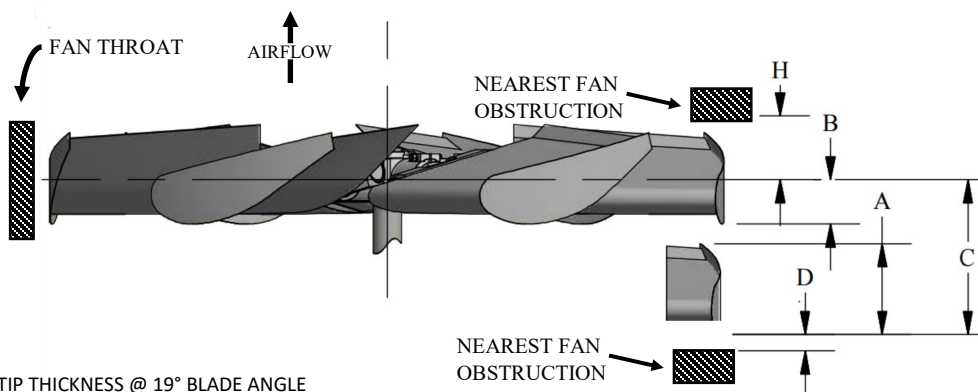
# CLASS 10000 HD SERIES 18 SC

STANDARD HUB, RH ROTATION

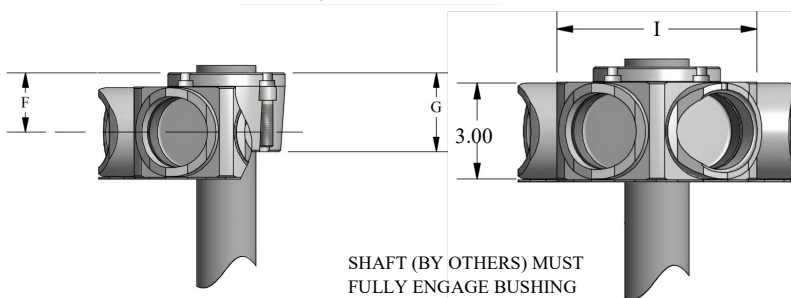
**Moore**  
FANS



NOTE 1:  
MAXIMUM FAN DIAMETER EQUALS NOMINAL FAN DIAMETER. ADJUSTMENT OF -1.0" ON DIAMETER POSSIBLE AT INSTALLATION  
\*BLADES WITH ATEX TIPS HAVE ADJUSTMENT OF -0.5" 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

PERCENT BLADE  
LOADING

100% 75%

DIA	A	B		C	D	H
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