

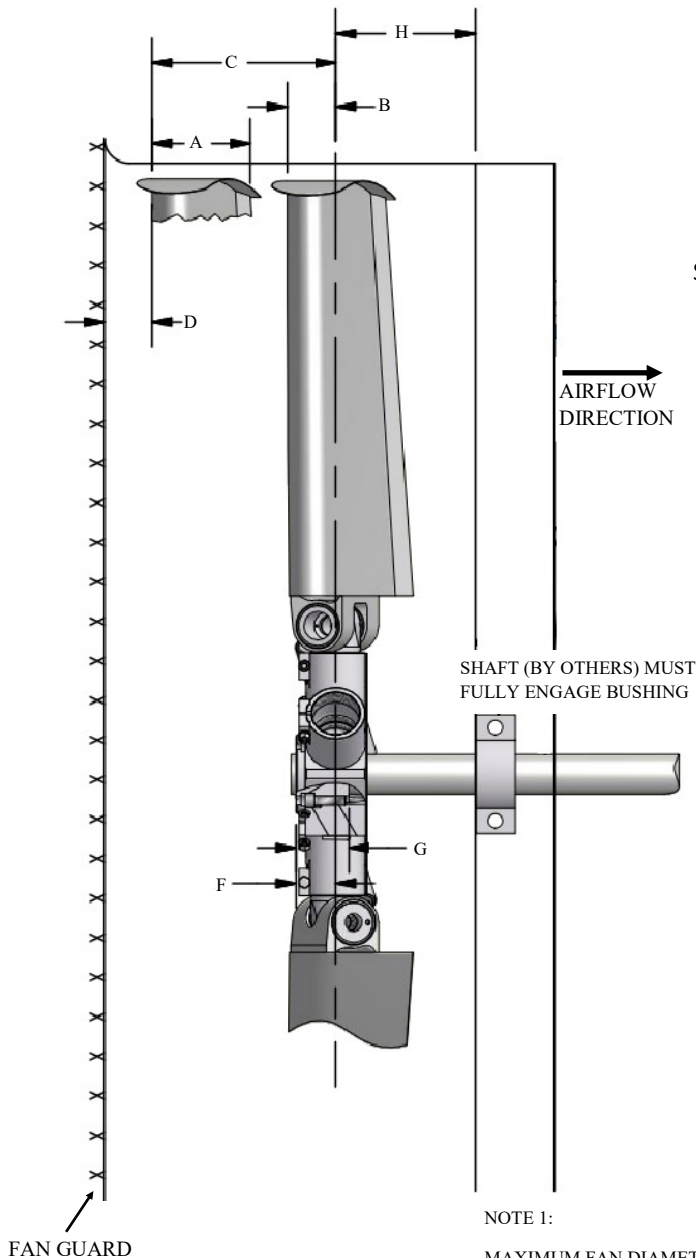
CLASS 10000 HD SERIES 18 SC

LH ROTATION

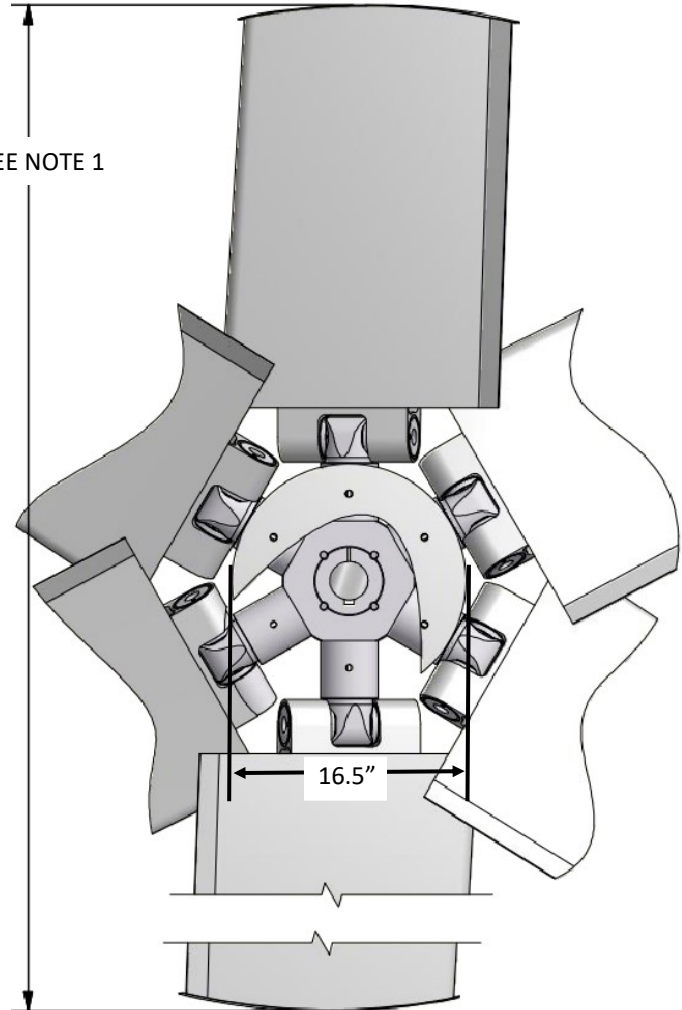
Moore
FANS



COUNTER-CLOCKWISE ROTATION
(FAN BLOWING IN OBSERVER'S FACE)
STANDARD LEFT HAND FAN



SEE NOTE 1



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%

MINIMUM ANGLE FOR INSTALLATION IS 7°

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"

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