



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

WITH FAN OPERATING  
AT 12000 FT: MINUTE  
BLADE TIP SPEED  
PERCENT BLADE  
LOADING

DIA	A	B	C	D	H	
7"	7.5"	4.8"	4.6"	5.3"	2.0"	14.0"
8"	7.5"	5.3"	5.0"	6.2"	2.0"	14.0"
9"	7.5"	6.0"	5.6"	7.3"	2.0"	14.0"
10"	7.5"	6.9"	6.2"	8.7"	2.0"	14.0"
11'	7.5"	7.9"	7.0"	10.2"	2.0"	14.0"
12'	7.5"	9.1"	7.9"	12.0"	2.0"	14.0"
13'	7.5"	10.4"	8.8"	14.0"	2.0"	14.0"
14'	7.5"	11.8"	9.9"	16.2"	2.0"	14.0"

MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	MAX ° BORE
6	U	2.750"	2.938"	75
8	U	2.750"	2.938"	75
8	W	3.750"	4.000"	100
8	X	3.750"	4.000"	100

I	F	G	L
7"	2.0"	2.7"	4000
9"	2.0"	2.7"	4000
9"	2.2"	2.8"	7300
9"	2.2"	4.0"	9800



## SERIES 42 HD FAN EXTENDED CHORD LEFT HAND ROTATION