



- 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	100%		75%		D	E
	A	B	C	D		
5'	7.5"	4.3"	4.3"	4.6"	2.0"	14.0"
6'	7.5"	4.7"	4.5"	5.2"	2.0"	14.0"
7'	7.5"	5.2"	4.9"	6.0"	2.0"	14.0"
8'	7.5"	5.9"	5.4"	7.0"	2.0"	14.0"
9'	7.5"	6.7"	6.0"	8.3"	2.0"	14.0"
10'	7.5"	7.6"	6.8"	9.8"	2.0"	14.0"

MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	MAX ° BORE
6	U	2.750"	2.938"	75
7	U	2.750"	2.938"	75
7	W	3.750"	4.000"	100
7	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 30 HD FAN EXTENDED CHORD  
LEFT HAND ROTATION**