



A = BLADE TIP THICKNESS @ 19° BLADE ANGLE
 B = RUNNING POSITION OF BLADES
 C = MAXIMUM BLADE TRAVEL
 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	100%		75%		C	D	H
		B	C	B	C			
11'	2.2"	3.4"	2.8"	4.5"	2.0"	7.0"		
12'	2.1"	4.3"	3.5"	5.8"	2.0"	7.0"		
13'	1.9"	5.1"	4.1"	7.1"	2.0"	7.0"		
14'	1.8"	6.0"	4.8"	8.5"	2.0"	7.0"		

MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	MAX ° BORE	I	F	G	L
6	U	2.750"	2.938"	75	7"	2.0"	2.7"	4000
8	U	2.750"	2.938"	75	9"	2.0"	2.7"	4000
8	W	3.750"	4.000"	100	9"	2.2"	2.8"	7300
8	X	3.750"	4.000"	100	9"	2.2"	4.0"	9800
12	U	2.750"	2.938"	75	12"	2.0"	2.7"	4000
12	W	3.750"	4.000"	100	12"	2.2"	2.8"	7300
12	X	3.750"	4.000"	100	12"	2.2"	4.0"	9800
12	Z	5.000"	5.500"	140	12"	2.2"	4.0"	18000
14	U	2.750"	2.938"	75	14"	2.0"	2.7"	4000
14	W	3.750"	4.000"	100	14"	2.2"	2.8"	7300
14	X	3.750"	4.000"	100	14"	2.2"	4.0"	9800
14	Z	5.000"	5.500"	140	14"	2.2"	4.0"	18000
16	U	2.750"	2.938"	75	16"	2.0"	2.7"	4000
16	W	3.750"	4.000"	100	16"	2.2"	2.8"	7300
16	X	3.750"	4.000"	100	16"	2.2"	4.0"	9800
16	Z	5.000"	5.500"	140	16"	2.2"	4.0"	18000

SERIES 72 HD FAN LEFT HAND ROTATION

