



**NOTES**

- A = BLADE TIP THICKNESS - 10° CLEVIS ANGLE
- B = RUNNING POSITION OF BLADES
- C = STOPPED POSITION OF BLADES
- D = MINIMUM OBSTACLE CLEARANCE AT INLET
- E = DECREASE OF MAXIMUM POSSIBLE RADIUS AT RUNNING POSITION
- H = MINIMUM OBSTACLE CLEARANCE AT OUTLET

DIA.	BLADE LOAD		C	D	E	H	BUSHING	F	G	MAX BORE
	100%	75%					E	2.8"	2.7"	2.875"
5'	5.2"	1.8"	1.6"	4.0"	2.0"	0.06"	7.0"	I	MAX BLDS	BUSHING
6'	4.4"	2.1"	1.8"	4.5"	2.0"	0.09"	7.0"			
7'	4.0"	2.5"	2.0"	4.5"	2.0"	0.11"	7.0"	12.0"	7	J
8'	3.2"	2.9"	2.2"	5.0"	2.0"	0.14"	7.0"			
9'	2.5"	3.4"	2.6"	5.5"	2.0"	0.17"	7.0"			

**SERIES 33 ENGINE DRIVE FAN**

**CLASS 5000**



**RIGHT HAND  
ROTATION**

**SERIES 33**