



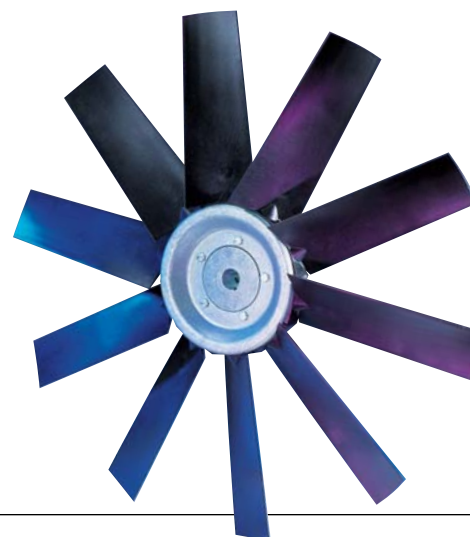
MULTI-WING AMERICA, INC.
ISO 9001-2000

A Crowley Company

Multi-Wing® H Series Fans.

Features:

- High efficiency
- Low noise
- Lightweight
- High strength
- Corrosion resistant
- Flexibility to customize
- Diameters from 7" to 29"

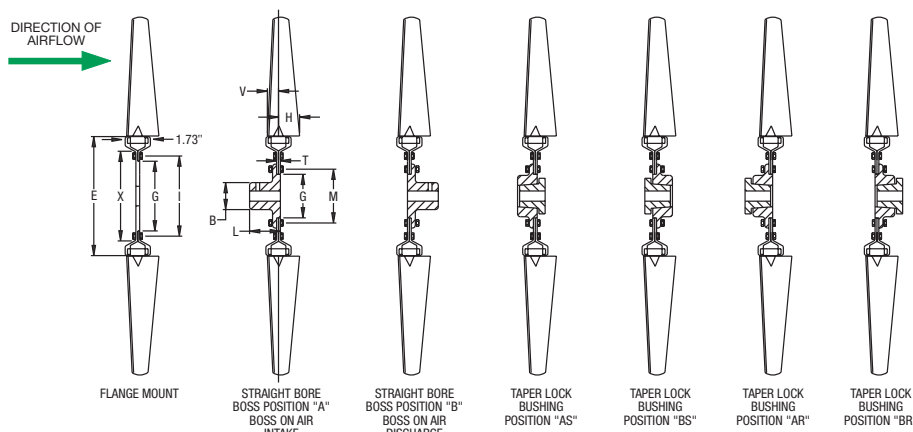


H Series Fan Specifications

Blade Material	Symbol	Temperature Range	Maximum Tip Speed	Application Duty
Glass Reinforced Polypropylene	PPG	-40° F to +185° F	315 ft/sec	Standard Duty
Glass Reinforced Nylon	PAG	-50° F to +250° F	390 ft/sec	Heavy Duty, Engine Driven
"Super Tuff" Nylon	PAGST	-50° F to +250° F	390 ft/sec	Extreme Vibration
Electro Anti-Static Nylon	PAGAS	-40° F to +250° F	330 ft/sec	Hazardous Conditions*
Die Cast Aluminum	AL	-60° F to +300° F	315 ft/sec	Temperature Extremes

*All materials are corrosion resistant and spark proof on impact.

PAGAS blades are suitable for underground mining, oil and gas platforms, chemical processing plants, or any application where there is potential for an explosion.



Multi-Wing® H Series Fans.

SPECIFICATIONS

Hub Dimensions

NO. OF BLADE SOCKETS IN HUB	MOUNTING TYPE	BORE DIAMETER (Inch)	MAXIMUM FAN DIAMETER		HUB DIAMETER E	RETAINER PILOT G	MAXIMUM SPACER DIAMETER X	HUB THICKNESS T	HUB BOLT CIRCLE DIAMETER I
			2H	3H					
6	Shaft Mount	5/16—1	15.5	23.4	3.80	0.98	2.10	0.25	1.61
8	Shaft Mount	3/8—1-1/4	17.0	25.0	5.28	1.57	2.62	0.25	2.2
	Flange Mount	Custom	17.0	25.0	5.28	1.57	2.62	0.25	2.2
10	Shaft Mount	3/8—1-7/8	18.4	26.4	6.73	2.95	4.13	0.25	N/A
	Flange Mount	Custom	18.4	26.4	6.73	2.95	4.13	0.25	3.54
12	Shaft Mount	3/8—1-7/8	19.8	27.7	8.11	2.95	5.75	0.25	5.43
	Flange Mount	Custom	19.8	27.7	8.11	4.72	5.75	0.25	5.43
14	Shaft Mount	3/8—1-7/8	21.2	29.2	9.53	2.95	6.64	0.25	6.30
	Flange Mount	Custom	21.2	29.2	9.53	5.52	6.64	0.25	6.30

Shaft Mounting Boss Dimensions

NO. OF BLADE SOCKETS IN HUB	MOUNTING TYPE	BORE DIAMETER (Inch)*	BOSS LENGTH L	BOSS DIAMETER B	BOSS MOUNT BOLT CIRCLE DIAMETER M
6	Straight Bore	5/16—5/8	1.22	1.02	N/A
	Straight Bore	5/8 w/keyway	1.61	1.34	N/A
	G Taper Lock	1/2—1	0.63	2.00	1.61
8	Straight Bore	3/8—1/2	1.22	1.10	N/A
	Straight Bore	5/8—3/4	1.65	1.38	N/A
	Straight Bore	7/8—1	2.05	1.61	N/A
	JA Taper Lock	1/2—1-1/4	0.63	2.63	2.20
10, 12, 14	Straight Bore	3/8—5/8	1.22	1.10	3.54
	Straight Bore	5/8—3/4	1.65	1.57	3.54
	Straight Bore	7/8	2.05	1.77	3.54
	Straight Bore	1—1-3/16	2.44	2.01	3.54
	Straight Bore	1-1/4—1-7/8	2.44	2.87	3.54
	G/JA Taper Lock	1/2—1-1/4	0.91	2.87	3.54
	SH/P1/SD Taper Lock	1/2—1-7/8	1.50	3.23	3.54

Blade Dimensions

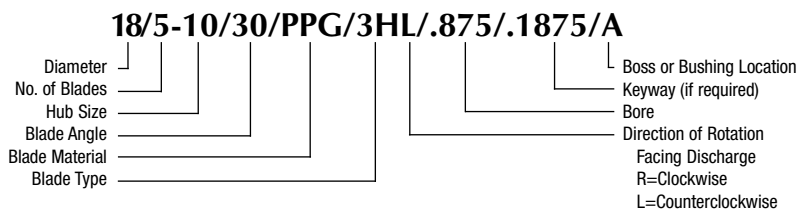
V (+/- 0.1")					
BLADE PROFILE	25°	30°	35°	40°	45°
2H	0.39	0.47	0.55	0.63	0.71
3H	0.51	0.59	0.71	0.79	0.87
H (+/- 0.1")					
BLADE PROFILE	25°	30°	35°	40°	45°
2H	0.79	0.91	1.02	1.10	1.22
3H	1.06	1.22	1.38	1.50	1.57

For severe duty corrosive applications, aluminum hubs can be supplied with protective coatings and stainless steel fasteners. Contact factory for available coatings.

*Metric bore and diameter sizes also available.

All specifications are subject to change without notice. Please contact the factory for the latest specifications.

Example for ordering



For flange mounting specify bolt pattern (pilot hole diameter, number of bolts, bolt hole size, bolt circle diameter).



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