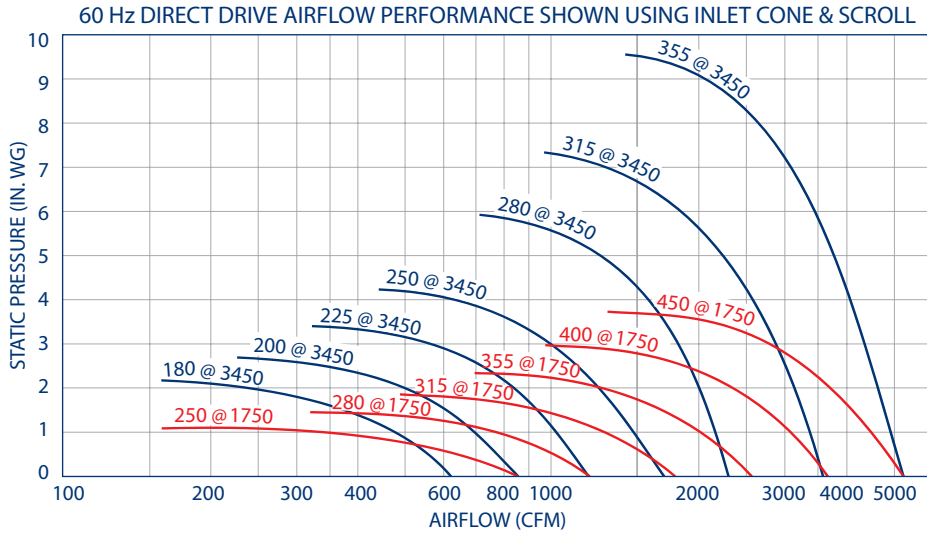


# OEM & REPLACEMENT IMPELLERS

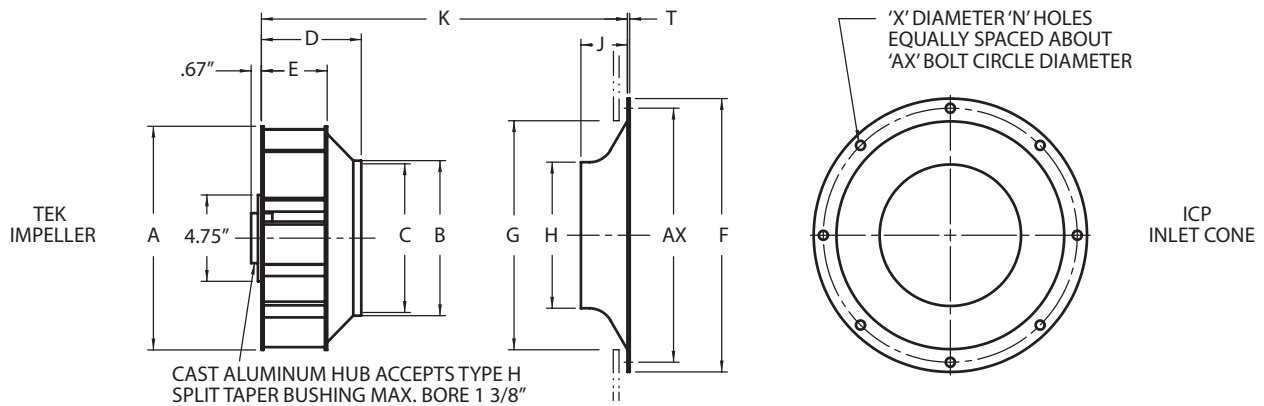
## TEK CENTRIFUGAL BC AIRFOIL IMPELLERS

### FEATURES & BENEFITS

- Backward curved airfoil (BCA) impeller
- Non-overloading power characteristics
- Aerodynamic perfection; computer-aided design
- Super quiet, highly efficient performance
- Injection molded from high strength GRP polyamide
- Stronger than steel with half the weight
- Permissible ambient temperature range: -22 F to 176 F
- Stocked in nine sizes: 7" through 18" diameter
- CW, CCW, or DWDI; matching inlet cones



IMPELLER PERFORMANCE		
MODEL	RPM	MAX HP
TEK180	3450	0.15
TEK200	3450	0.25
TEK225	3450	0.43
TEK250	1750	0.10
	3450	0.75
TEK280	1750	0.20
	3450	1.50
TEK315	1750	0.35
	3450	2.65
TEK355	1750	0.63
	3450	5.00
TEK400	1750	1.10
TEK450	1750	2.00



MODEL	DIMENSIONS IN INCHES*														
	A	B	C	D	E	F	G	H	J	K	N	T	X	AX	WT (lbs)
TEK180	7.1	4.9	4.7	3.3	2.1	8.5	7.2	4.5	1.5	4.5	6	0.1	0.4	8.0	1.2
TEK200	7.9	5.5	5.3	3.5	2.3	9.8	8.0	5.0	1.6	4.9	6	0.1	0.4	9.1	1.6
TEK225	8.8	6.1	5.8	4.1	2.6	11.0	8.9	5.7	1.8	5.6	6	0.1	0.4	10.1	1.8
TEK250	9.8	6.8	6.5	4.5	2.9	12.0	10.0	6.3	2.1	6.2	6	0.1	0.4	11.1	2.0
TEK280	11.0	7.6	7.4	5.0	3.3	13.7	11.4	7.1	2.3	7.0	6	0.1	0.5	12.6	2.8
TEK315	12.3	8.5	8.2	5.5	3.5	15.0	12.6	8.0	2.6	7.7	6	0.1	0.5	14.0	3.8
TEK355	14.0	9.6	9.3	6.4	4.3	16.6	14.2	9.0	2.9	8.6	8	0.1	0.5	15.6	5.2
TEK400	15.6	10.6	10.2	6.9	4.5	18.3	16.0	9.8	3.3	9.6	8	0.2	0.5	17.3	7.0
TEK450	17.7	12.1	11.6	7.7	5.1	20.2	17.3	11.2	3.7	10.8	8	0.2	0.5	19.3	8.0

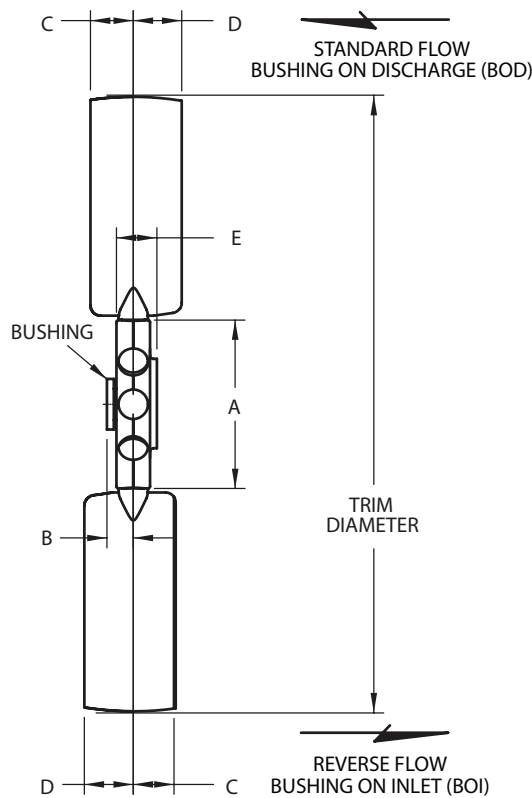
\*DO NOT USE FOR CONSTRUCTION

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## AXIAL AIRFOIL IMPELLERS

### FEATURES & BENEFITS

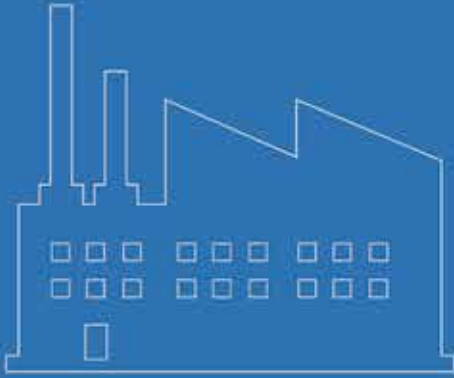
- Airfoil design, modular construction, adjustable pitch
- Superior performance and sound characteristics
- Pressure cast aluminum hub and blades
- GRP (polypropylene) blades available
- Advanced computer selection program
- Permissible ambient temperature range for aluminum impellers: -40 F to 250 F
- Permissible ambient temperature range for GRP impellers: -40 F to 176 F
- Custom diameters from 12" to 79"
- Ideal for OEM use or as replacement impellers
- Capacities to 200,000 cfm from stock components



					DIMENSIONS IN INCHES*							
RANGE	HUB TYPE	NO. OF BLADES	BUSHING TYPE	ROTATION	MAX BORE	DIAMETER		A	B	C	D	E
						MIN	MAX					
1000	150	5, 10	H	CW/CCW	1 1/2	12.0	35.4	5.9	0.9	1.0	1.5	1.4
1400	255	3, 4, 6	P1	CW	1 3/4	24.0	51.0	10.0	1.3	1.6	2.4	2.1
1400	350/352	3, 4, 6, 12	Q1	CW	2 11/16	27.0	55.0	13.8	1.9	1.6	2.4	2.1
2000	400	3, 6, 9	Q2	CW	2 5/8	39.0	72.8	15.7	2.1	2.2	3.4	3.5
2000	550	3, 4, 6, 12	R2	CW	3 5/8	39.0	78.7	21.7	2.6	2.2	3.4	3.5
1100	131	3, 6	G	CW/CCW	1	12.0	34.6	5.2	0.9	1.1	1.6	1.6
1100	181	3, 6, 9	H	CW/CCW	1 1/2	15.8	36.8	7.1	0.9	1.1	1.6	1.6
1100	251	3, 6, 9, 12	P1	CW/CCW	1 3/4	21.0	39.5	9.9	1.3	1.1	1.6	1.8

\*DO NOT USE FOR CONSTRUCTION

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