

DAWN

Propeller

Fans

PROPELLER FANS

(ENCLOSED TYPE)
(BALL BEARINGS)

Metric



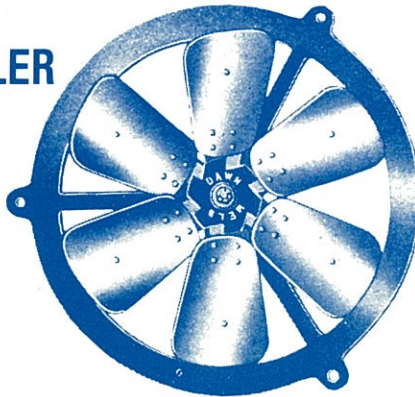
Propeller Fans are applied where volumes of air are to be moved against practically no resistance. The enclosed type, as illustrated, is particularly adaptable where an exhausting unit is required for removing fumes from paint spraying booths, and for ventilation purposes, a duct can be extended from the steel band encircling the fan to divert air or fumes where desired.

SIZE DENOTES INLET DIAMETER

Size mm	Size mm
460 dia.	920 dia.
610 dia.	1220 dia.
760 dia.	

PROPELLER FANS

(OPEN TYPE)



This ventilating fan is mounted on totally enclosed ball bearings, carried by three arms in a circular cast iron frame for bolting to wall or partition. The air may be impelled either inwardly or outwardly, according to the direction of rotation. Rigid streamline blades.

SIZE DENOTES PROPELLER DIAMETER

Size mm	Size mm
460 dia.	920 dia.
610 dia.	1220 dia.
760 dia.	

CAPACITIES OF PROPELLER FANS

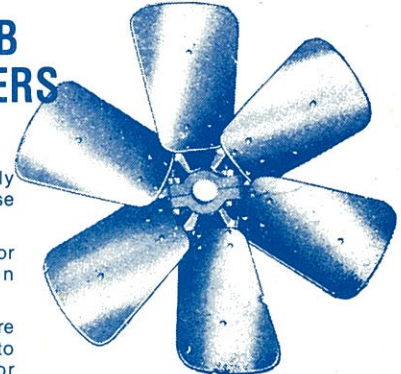
Dia. of Fan	r/min	L/s	Motor fitted to Enclosed type Fans.
460 mm	700	987	0.35 kW
	800	1128	
	1000	1410	
	1200	1692	
610 mm	550	1833	0.75 kW
	710	2350	
	1100	3666	
635 mm	500	1692	1.1 kW
	700	2397	
	1000	3478	
	1100	3807	
760 mm	400	2820	1.5 kW
	500	3525	
	600	4230	
	700	4935	
	750	5170	
920 mm	300	3384	3.75 kW
	400	4512	
	500	5640	
	650	7332	
1066 mm	300	5640	
	400	7520	
	500	9400	
	600	11280	
1220 mm	200	5640	
	300	8460	
	400	11280	
	500	14100	

SPLIT HUB PROPELLERS

(Air delivery fully reversible by reverse rotation).

With split hubs for mounting on shafting.

These Propellers are extensively used to circulate air for timber drying and seasoning plants. Carefully balanced and accurately bored to any size required. By removing the four bolts in the hub the fan is halved and can then be readily bolted in position on the line shaft. Made either right or left hand. Clockwise rotation with the wind blowing to you is right hand. Anti-clockwise with the wind blowing to you is left hand.



Size mm	Size mm
460 dia.	920 dia.
610 dia.	1066 dia.
635 dia.	1220 dia.
760 dia.	

MANUFACTURED BY:

DAWN TOOLS & VICES

1 NORRIS STREET, NORTH COBURG, VIC., 3058, AUSTRALIA —

PHONE:
350 3811
(6 Lines)

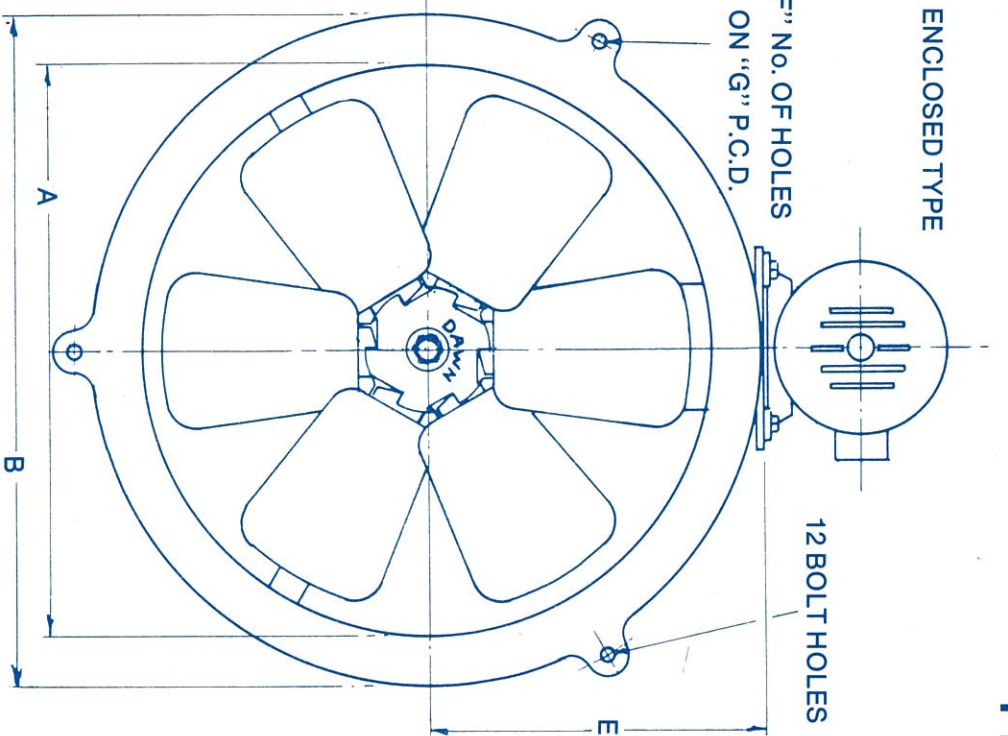


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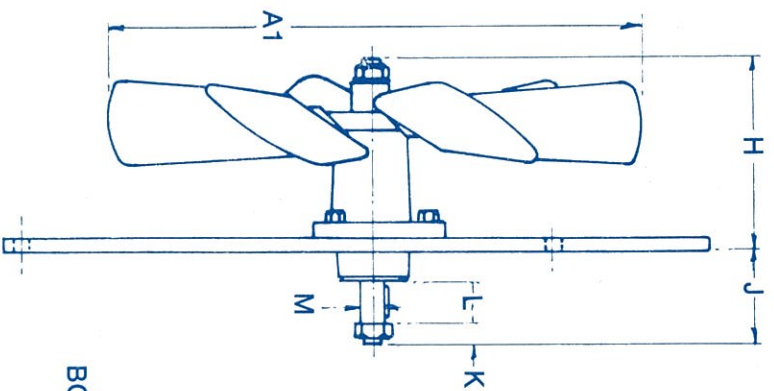
PROPELLER FANS

ENCLOSED TYPE

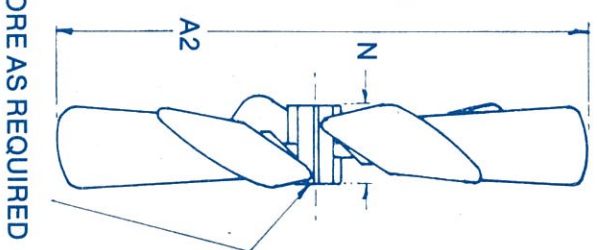
"F" NO. OF HOLES
ON "G" P.C.D.



OPEN TYPE



SPLIT-HUB TYPE



ALL DIMENSIONS IN MM

FAN	A	A1	A2	B	C	D	E	F	G	H	J	K	L	M	N	KEY	BLADES
460	460	460	460	560	165	100	275	75	560	165	75	20	30	15	85	5x5	6
610	610	610	610	710	240	115	355	75	750	210	90	25	40	20	85	6x6	6
635			635												83		6
760	760	760	760	865	240	115	430	100	900	210	90	25	40	20	115	6x6	6
920	920	920	920	1015	240	115	510	75	1015	210	90	25	40	20	125	6x6	6
1065			1065												125		8
1220	1220	1220	1220	1320	240	125	660	75	1360	275	100	30	50	30	125	8x8	8