

特 長

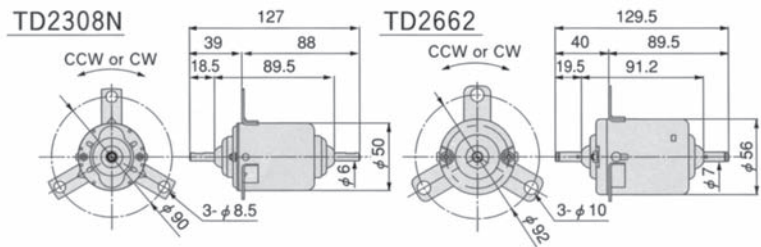
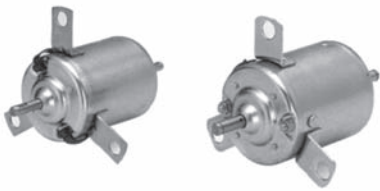
1. D.C.12・24Vを主体とし、D.C.ブラシ付、D.C.ブラシレスモータを採用したプロペラファンモータ、シロッコファンモータ、ターボファンモータ、ブローASSY、各種ファンをご用意しております。
2. 長年の実績から性能、品質共に安定しており、安心してご使用いただけます。

注意事項

1. 過激な雰囲気温度、激しい振動等の厳しい条件下で使用する場合及び耐水、耐塵埃等の必要な場合はお問い合わせ下さい。
2. 電源はバッテリー電源を標準としております。整流電源等のリップルの多い電源を使用する場合は、モータの特性、振動、騒音、耐久及び温度上昇に影響しますので、定格トルクの60%以下で使用するか、リップルを取る回路を入れてご使用下さい。
3. 出力軸トルクは最大許容トルクを示します。変動負荷及び起動トルクの大きい場合、又は連続使用で耐久性を必要とする場合はランクが上の機種を選定して下さい。
4. 回転方向は一方向回転を標準としています。電源の極性を間違えて接続しますと逆回転し、温度上昇、耐久性に影響し、事故に繋がる場合がありますのでご注意下さい。
5. モータの極性は、原則としてリード線タイプでは+側が青色又は赤色、-側が黒色となっています。
6. 形状、寸法等は簡易寸法を記入してあります。また、予告無く変更することもあります。

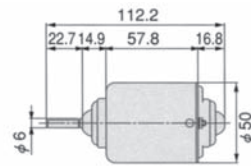
D.C. MOTOR

TD2308N • TD2662 TYPE



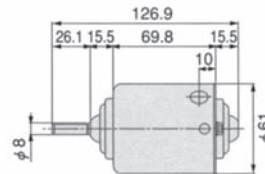
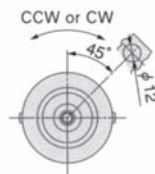
Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
12	22~34	0.22~0.35	1.6~2	2600~3200	7~9
24			0.8~1		

TD3051 TYPE



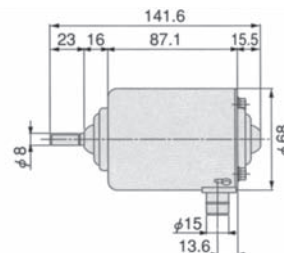
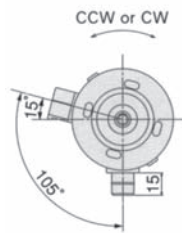
Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
13.5	39	0.4	2	3950	16
			2.2	4200	17
27	39	0.4	1	3950	16
			1.1	4200	17

TD3098 TYPE



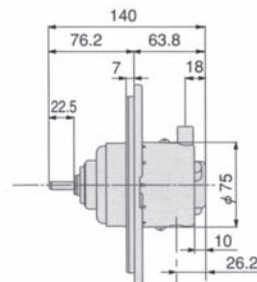
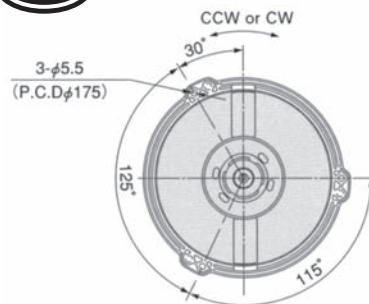
Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
13.5	168	1.9	6.4~9.2	2300~3700	45~72
27			3.2~4.6		

TD3067 TYPE



Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
13.5	490	5	17.6~21	2850~3600	146~185
27			8.5~9.3		

TD3099 TYPE



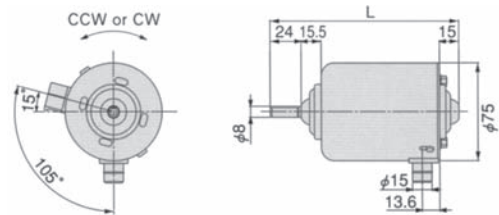
Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
13.5	490	5	17.6~21	2850~3600	146~185
27			8.5~9.3		

※オプションとしてフランジ、ブラケット、ステイも取り付け可能です。

As option, it is possible to supply motor with suitable or exclusive the flange, bracket and stay.

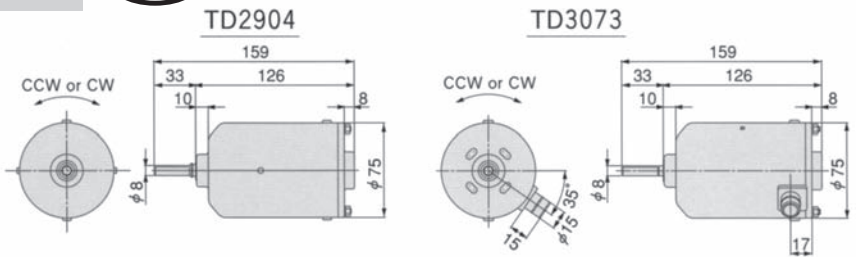
D.C. MOTOR

TD3123 • TD3019 TYPE



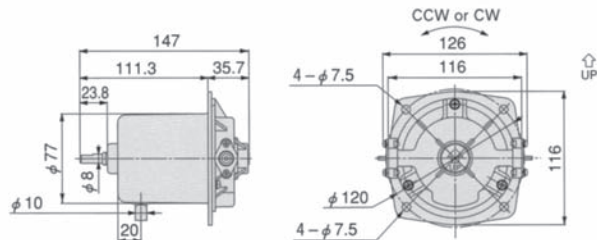
Part No.	Voltage		Torque		Current	Speed	Output	L
	V	mN·m	kgf·cm	A				
TD3123	13.5	539	5.5	18~22	2800~3350	158~189	146	
	27			8.2~8.9				
TD3019	13.5	588	6	18.5	2900~3500	185	156	
	27			8.7~10.3				

TD2904 • TD3073 TYPE



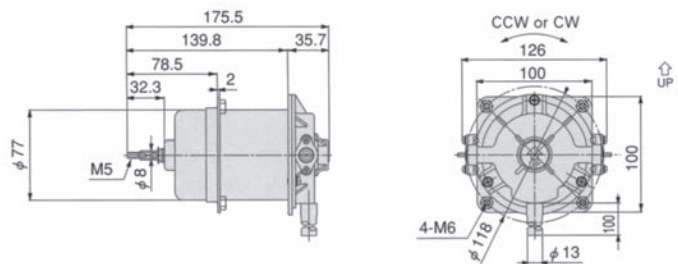
Part No.	Voltage		Torque		Current	Speed	Output
	V	mN·m	kgf·cm	A			
TD2904	12	324	3.3	7.6	2000	68	
	24			3.8			
TD3073	13.5	588	6	18.5	2900~3500	185	
	27			8.7~10.3			

M7343 TYPE



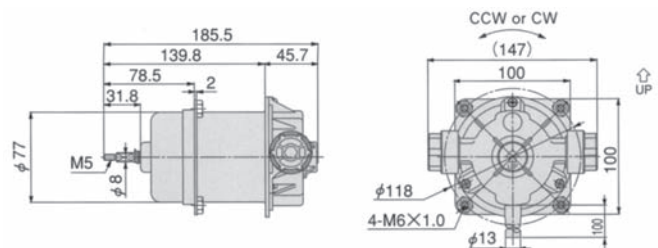
Voltage	Torque		Current	Speed	Output
	V	mN·m			
12	127~353	1.3~3.6	3.6~9	2000~2100	27~74
	24				

M7421 TYPE



Voltage	Torque		Current	Speed	Output
	V	mN·m			
26	539~598	5.5~6.1	8~10	2150~2450	121~153

M7423 TYPE



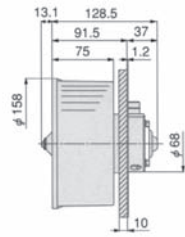
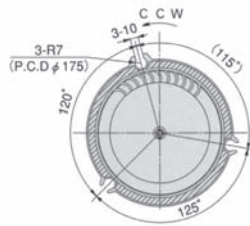
Voltage	Torque		Current	Speed	Output
	V	mN·m			
26	530	5.4	6.1~6.5	2150~2300	119~128

※オプションとしてフランジ、ブラケット、ステイも取り付け可能です。

As option, it is possible to supply motor with suitable or exclusive the flange, bracket and stay.

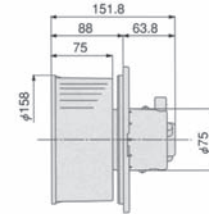
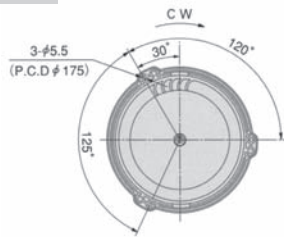
D.C. FAN MOTOR

TD3160 TYPE



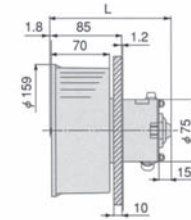
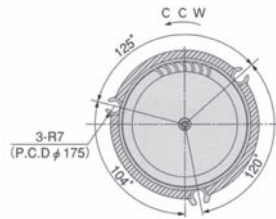
Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
12	353	3.6	13.5~15.5	2800~3350	104~124
24			6.5~7	2800~3050	104~113

TD3099 TYPE



Voltage V	Torque		Current A	Speed r/min	Output Watts
	mN·m	kgf·cm			
12	353	3.6	13.5~15.5	2800~3350	104~124
24			6.5~7	2800~3050	104~113

TD3123 • TD3019 TYPE

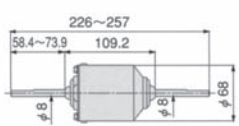


Part No.	Voltage V	Torque		Current A	Speed r/min	Output Watts	L mm
		mN·m	kgf·cm				
TD3123	12	353	3.6	13~15	2800~3350	104~124	146
	24			6.3~6.8	2800~3050	104~113	
TD3019	12	441	4.5	15.0	2800	129	156
	24			6.7~8	2650~3200	122~148	

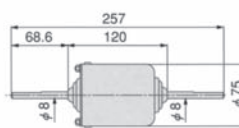
TD2570 • TD3087 TYPE



TD2570



TD3087



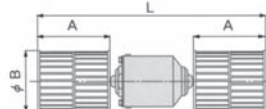
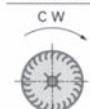
Part No.	Voltage V	Torque		Current A	Speed r/min	Output Watts		
		mN·m	kgf·cm					
TD2570	12	127	1.3	11	3300	71		
				7	4000	44		
				9.2	4000	53		
				7.6	3850	51		
				14	5000	103		
	13.5	147	1.5	10	4000	61		
				235	2.4	14	4500	111
				206	2.1	5.5	3300	71
				3.5	3300	44		
				4.6	4000	53		
24	127	1.3	4.1	3850	51			
			4.1	4000	53			
			4.1	4000	53			
TD3087	13	392	4	20	4000	164		
	26			11	4150	170		

※TD2570-600は自然通風タイプ
 TD2570-600, Natural ventilation Type.
 ※TD2570-800タイプは高速回転(5000/min)の為、定格10分です。
 TD2570-800 Type is 10min., Rating due to high speed rotation (5000/min).

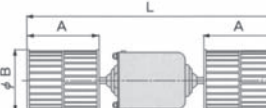
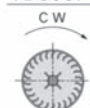
FAN MOTOR



TD2570



TD3087



Part No.	Voltage V	Current A	Speed r/min	A	B	L			
				mm	mm	mm			
TD2570	12	11	3300	100	95	317			
				7	86	88	282		
				8.2				3850	268
				9.2				4000	303
				8				3800	282
	13.5	10	4000	86	88	287			
							14	4500	317
							5.5	3300	95
							3.5	3300	100
							4.6	4000	95
24	4	3800	86	88	268				
						4.1	3850	82	
						4.1	3850	82	
						4.1	3850	82	
TD3087	13	20	4000	100	95	317			
	26						11	4150	

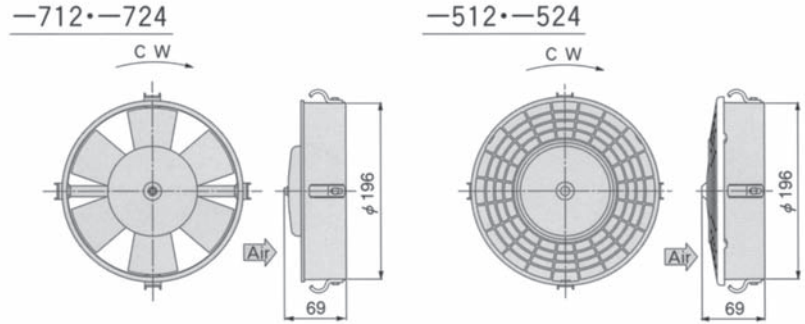
※TD2570-620は自然通風タイプ
 TD2570-620, Natural ventilation Type.

※オプションとしてフランジ、ブラケット、ステイも取り付け可能です。

As option, it is possible to supply motor with suitable or exclusive the flange, bracket and stay.

D.C. FAN MOTOR

TD2473 TYPE

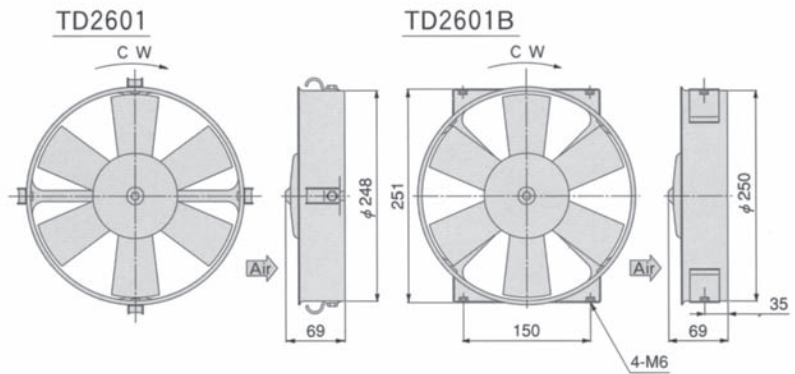


Part No.	Voltage V	Current A	Speed r/min	Static Pressure Pa (mmAq)	Air Volume m ³ /min	Mass kg
TD2473	12	5	2700	49(5)	10	1.3
					11.6	1.2
	24	2.5			10	1.3
					11.6	1.2

※TD2473-512, 524のガードを取り外しますと、TD2473-712, 724と同じ性能になります。

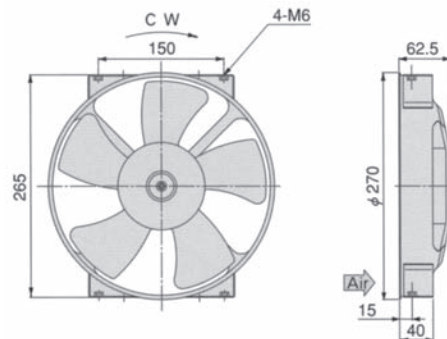
In case of taking off the guard of TD2473-512 and 524, the air flow volume are same performance as TD2473-712 and 724.

TD2601 • 2601B TYPE



Part No.	Voltage V	Current A	Speed r/min	Static Pressure Pa (mmAq)	Air Volume m ³ /min	Mass kg
TD2601 -812	12	6	2200	49(5)	13.3	1.7
TD2601B -824	24	3				1.8

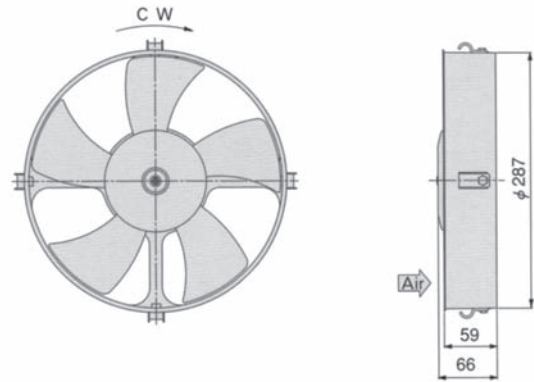
TD2719 TYPE



Part No.	Voltage V	Current A	Speed r/min	Static Pressure Pa (mmAq)	Air Volume m ³ /min	Mass kg
TD2719	12	5	1800	49(5)	10	1.6
		6	2200		16.7	
		7	2300		18.3	
	24	2.5	1800		10	
		3	2200		16.7	
		3.5	2300		18.3	

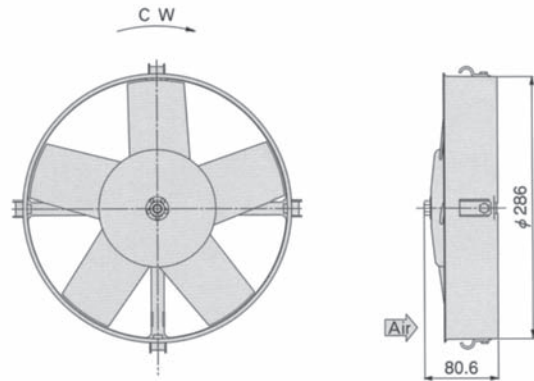
D.C. FAN MOTOR

TD3061 TYPE



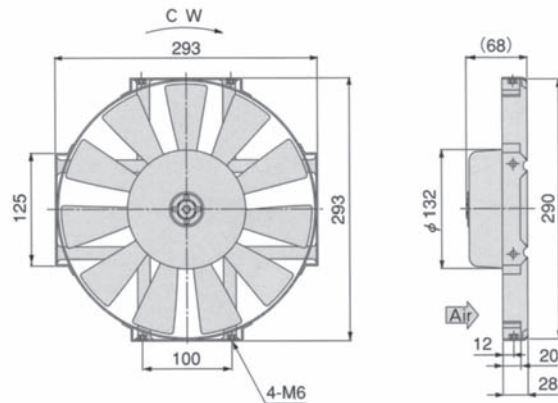
Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD3061	-812	12	2200	79(8)	18	2.1
	-824	24				

TD2409 TYPE



Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD2409	-12A	12	2300	49(5)	22.5	2.6
	-24A	24				

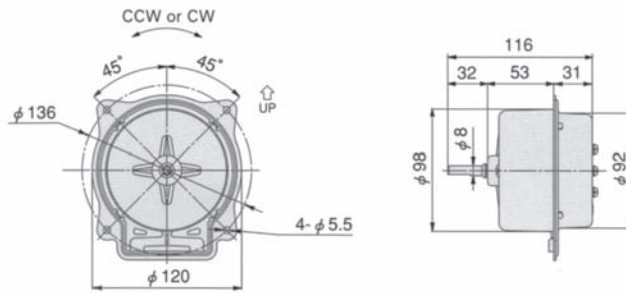
TD2738 TYPE



Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD2738	-281	12	2700	78.5(8)	20	2.6
	-282	24				

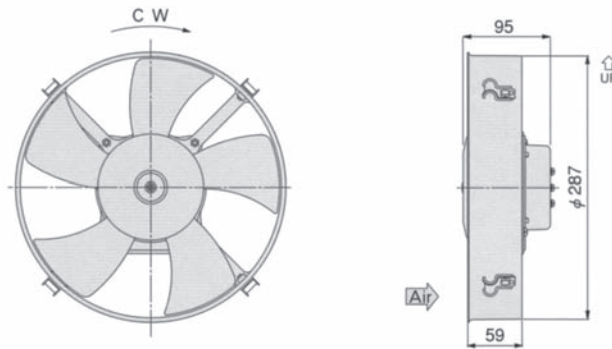
D.C. BRUSHLESS MOTOR

TD5020 TYPE



Voltage	Torque		Current	Speed	Output	Mass
	V	mN·m				
28	343	3.5	2.9~3.5	1800~2100	65~76	1.5

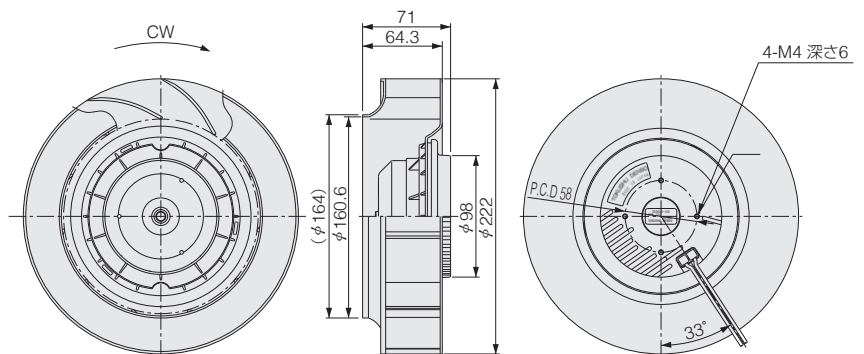
TD5019 TYPE



Voltage	Torque		Current	Speed	Static Pressure	Air Volume	Mass
	V	mN·m					
24	245	2.5	3.5	2200	49(5)	21.7	2.33

TD5038 TYPE

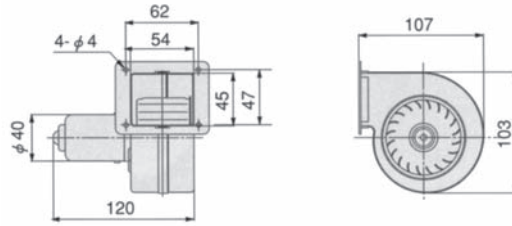
(TURBO FAN)



Part No.	Voltage		Torque		Current	Speed	Static Pressure	Air Volume	Mass
	V	mN·m	kgf·cm	A					
TD5038	—140	13.5	264	2.7	7	2500	200(20)	11.0	1.5
	—280	27			3.5				

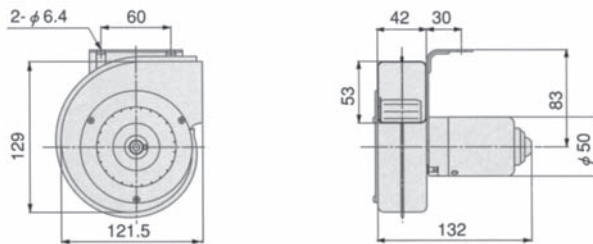
D.C. BLOWER ASSY

TD2729 TYPE



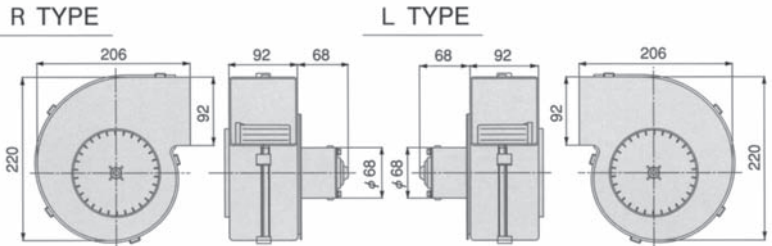
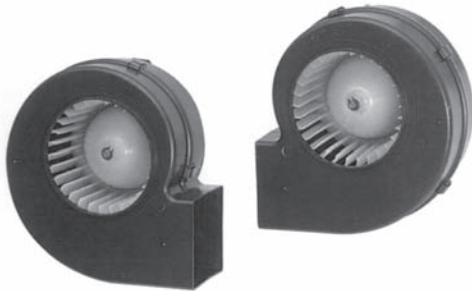
Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD2729	12	0.5	2800	0	1.1	0.45
		1	3300		1.3	
	24	0.3	2800		1.1	
		0.5	3300		1.3	

TD2447N TYPE



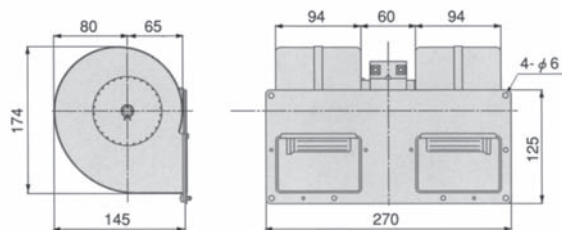
Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD2447N	12	1	2100	0	1	0.8
		1.4	2400		1.2	
		1.8	2700		1.4	
		2	3000		1.6	
	24	0.5	2100		1	
		0.7	2400		1.2	
		0.9	2700		1.4	
		1	3000		1.6	

TD3050V TYPE



Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD3050V	12	13.5	3300	519.8(53)	6	1.6
	24	6.5				

TD2502 TYPE



Part No.	Voltage	Current	Speed	Static Pressure	Air Volume	Mass
	V	A	r/min	Pa (mmAq)	m ³ /min	kg
TD2502	12	7.5	3400	245.2 (25)	5	2.1
	24	3.8				

BLOWER IMPELLER AND PROPELLER FAN

RWS TYPE



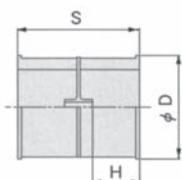
TD127-80R, 80L



TD157-86R, 86L



TD244-91



Part No.	D	S	H	Blades	Standard Bores	Rotation
	mm	mm	mm			
TD127	-80R -80L	82	96	37	8	CW CCW
TD157	-86R -86L	88	86	32		CW CCW
TD244	-91	95	100	39		CW(CCW)

RS TYPE



TD214R-90, L90



TD225K-140R, L



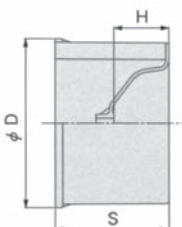
TD227-130R, L



TD261-0700



TD263-0800



Part No.	D	S	H	Blades	Standard Bores	Rotation
	mm	mm	mm			
TD214	R-90 L-90	95.6	70	19	8	CW CCW
TD255K	-140R -140L	148	60	42		CW CCW
TD227	-130R -130L	135	73	44		CW
TD261	-0700	158	75	68		CCW
TD263	-0800	158	75	41		

RT TYPE



TD202-186
(φ 186)



TD220-240
(φ 240)



TD170-000
(φ 280)



TD260-250
(φ 250)



TD262-280
(φ 280)



TD234-280
(φ 280)



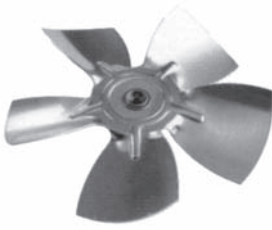
PF-2704
(φ 270)

※原則として、ブロウインペラ及びプロペラファン単品のための供給はできません。

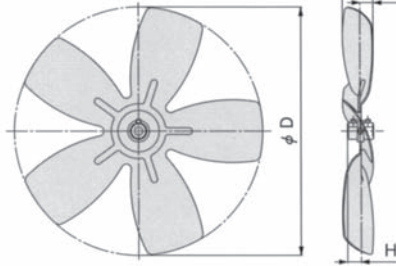
In principle, it is impossible to supply only BLOWER IMPELLER and PROPELLER FAN without motor.

PROPELLER FAN

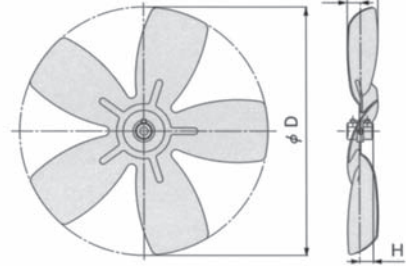
TD181 TYPE



TD181

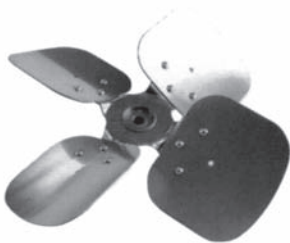


TD181C

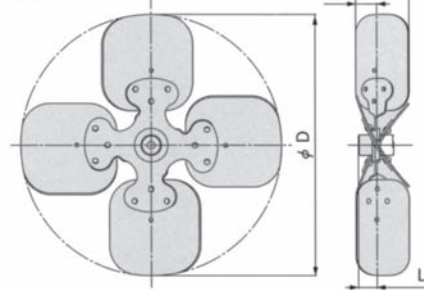


Part No.	D	S	H	L	Standard Bores	Rotation
	mm	mm	mm	mm		
TD181・TD181C	220~250	37	16	16.5	7, 8, 10, 12	CW(CCW)
	280					
	300					

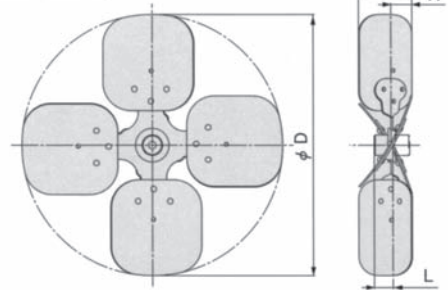
TD252 TYPE



TD252



TD252C

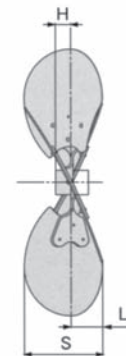
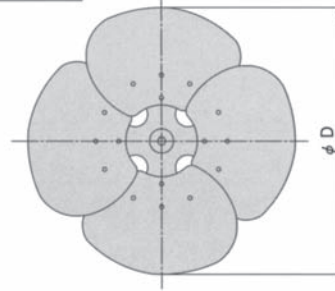


Part No.	D	S	H	L	Standard Bores	Rotation
	mm	mm	mm	mm		
TD252・TD252C	230	58	21	20	8, 10	CW(CCW)
	250					
	280					

M8 TYPE



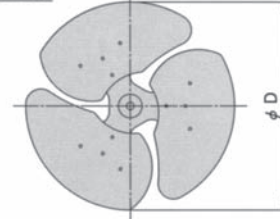
4 blades



Part No.	D	S	H	L	Standard Bores	Rotation
	mm	mm	mm	mm		
M8-002	280	82	16	33	8	CW(CCW)



3 blades



Part No.	D	S	H	L	Standard Bores	Rotation
	mm	mm	mm	mm		
M8	250	90	16	42	8	CW(CCW)
	220					

※原則として、プロペラファン単品のみの供給はできません。

In principle, it is impossible to supply only PROPELLER FAN without motor.