



RING BLOWER [HIGH -PRESSURE BLOWER] TURBO BLOWER

RT-33019

RT-7063 & RT-8086

RT-3009-1

RT-2005

RT-33026



BUREAU VERITAS
Certification



Feature

Low noise

Low vibration

Hight precison

Hight performane

One-piece-type muffling design plus special soundproof material allow this model to effectively reduce the high-frequency soundcaused by windage.

Corrected with computerized balancing instrument, the blades can rotate stably at high speeds with low vibration.

All the partsand components are processed with CNC machines, and are inspected via three-dimensional measurement equipment to ensure hight precision.

The eletrical mechanisms have passed tests conducted for dynamic characteristics, and have also passed inspections on pressure resistance, insulation, and layer short circuit for coil-winding.

RT Series

Single-stage side channel blower air flow max. to 1134 m³/hr and air pressure max. to 450mbar.

Two-stage side channel blower (high-pressure) with air flow max. to 575 m³/hr and air pressure max. to 580mbar.

Two-stage side channel blower (large-pressure) with air flow max. to 850 m³/hr and air pressure max. to 270mbar.

Technical Data for 50Hz IP54 3Phase (1phase)

Type No.	Curve No.	Output (Kw)	Stock Voltage △ / Y (U1, V1, W1, U2, V2, W2,)	Maximum Ari Flow m3 / min	Secuity top limit Vacuum / Pressure (mbar)	Noise Level (dB)	Weight (Kg)
RT-1002	21F	0.18	220 / 380 230 / 400 240 / 415 208-255 / 360-440 (110-120 / 220-240)	0.8	50 / 60	53	6.5
RT-1002-1	21F	0.18		0.8	50 / 60	53	6.5
RT-1002L	21F	0.18		0.8	50 / 60	50	6.5
RT-1003	22F	0.2		0.8	70 / 70	53	6.5
RT-1003-1	22F	0.2		0.8	70 / 70	53	6.5
RT-2005	31F	0.4		1.4	110 / 130	58	11
RT-2005-1	31F	0.4		1.4	110 / 130	58	11.5
RT-2005L	32F	0.4		1.4	110 / 130	58	11.5
RT-2005L-1	32F	0.4		1.4	110 / 130	58	12
RT-3009	41F	0.75		2.4	140 / 140	63	14.5
RT-3009-1	41F	0.75		2.4	140 / 140	63	15
RT-3009L	42F	0.75		2.4	140 / 140	63	15
RT-3009L-1	42F	0.75		2.4	140 / 140	63	15.5
RT-3011	43F	0.9	220 / 380 230 / 400 240 / 415 208-255 / 360-440 (220-240)	2.4	165 / 140	63	15.5
RT-3015	44F	0.3		2.4	175 / 140	63	16
RT-4011	51F	0.9		3.6	130 / 130	70	20.5
RT-4011-1	51F	0.9		3.6	130 / 130	70	21
RT-4015	52F	1.3		3.6	180 / 180	70	22
RT-4015-1	52F	1.3		3.6	180 / 180	70	22.5
RT-4015L	52F	1.3		3.6	180 / 180	70	22.5
RT-4015L-1	52F	1.3		3.6	180 / 180	70	22.5
RT-4018-1	53F	1.5		3.6	210 / 220	70	23
RT-4019	53F	1.75		3.6	210 / 220	70	23
RT-4019L	54F	1.75		3.6	210 / 220	70	23.5
RT-4026	55F	2.2		3.6	220 / 270	70	26
RT-5026	61F	2.2	220 / 380 230 / 400 240 / 415 208-255 / 360-440 (220-240)	5.2	230 / 230	72	32
RT-5026-2	61F	2.2		5.2	230 / 230	72	33.5
RT-5026L	61F	2.2		5.2	230 / 230	72	33
RT-6037	62F	3.4		5.2	260 / 280	72	35
RT-6037-2	62F	3.4		5.2	260 / 280	72	36.5
RT-6037L	62F	3.4		5.2	270 / 280	72	36
RT-6046	63F	4		5.2	270 / 330	72	38
RT-7063	81F	5.5		9.2	270 / 300	74	78
RT-8086	82F	7.5		9.2	300 / 400	74	82
RT-9110	91F	9		18.9	200 / 200	76	100
RT-9150	92F	13		18.9	300 / 300	76	112
RT-9220	93F	20		18.9	350 / 450	76	159
RT-23009	101F	0.75	220 / 380 230 / 400 240 / 415 208-255 / 360-440	1.5	200 / 240	60	17
RT-33019	111F	1.75		2.6	275 / 320	66	25
RT-33026	112F	2.2		2.6	280 / 375	66	28
RT-43037	121F	3.4		3.7	345 / 410	74	43
RT-43046	122F	4.0		3.7	355 / 495	74	45
RT-63046	131F	4.0		5.2	360 / 380	75	55
RT-63063	132F	5.5		5.2	410 / 515	75	72
RT-63086	133F	7.5		5.2	420 / 580	75	81
RT-640063	142F	5.5		7.8	200 / 220	75	70
RT-64086	143F	7.5		7.8	240 / 270	75	81
RT-83086	151F	7.5		9.6	320 / 320	76	112
RT-83130	152F	11		9.6	430 / 600	76	142
RT-83190	153F	16		9.6	450 / 700	76	160
RT-84086	161F	7.5	220-240 / 380-415	14.2	150 / 150	76	110
RT-84130	162F	11		14.2	260 / 260	76	140

The technical data is based on 1 bar (abs.) free atmosphere and 20°C with Inlet air density 1.2kg/m³, includes 10% variance.

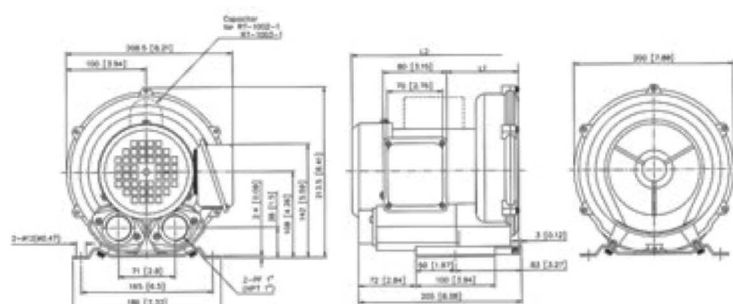
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Drawing

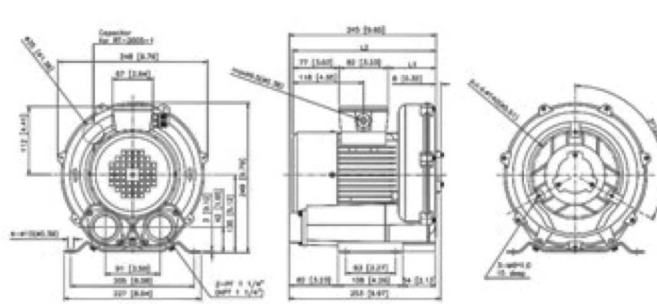
The high-quality grease used in the shield ball bearing (impeller side) resists hight temperature for life time usage.

The high-reliable grease sealed ball bearing (fan side) resists hight temperature for motor coil.

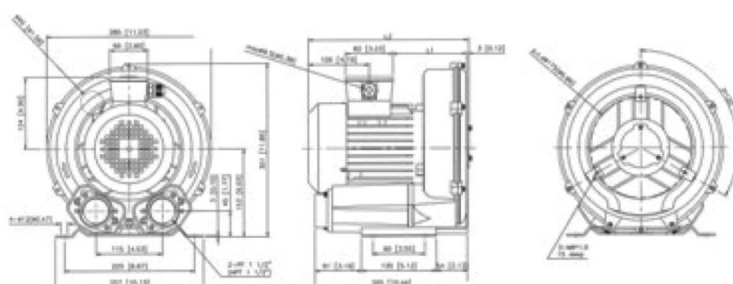
RT-1 Series



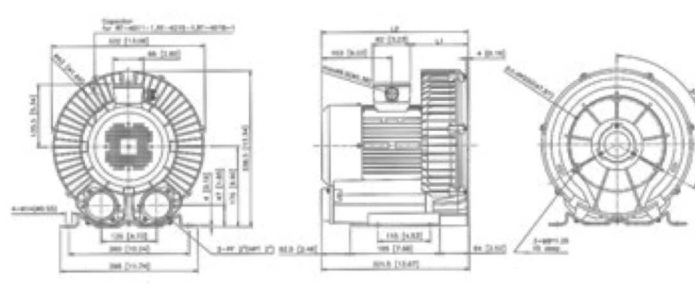
RT-2 Series



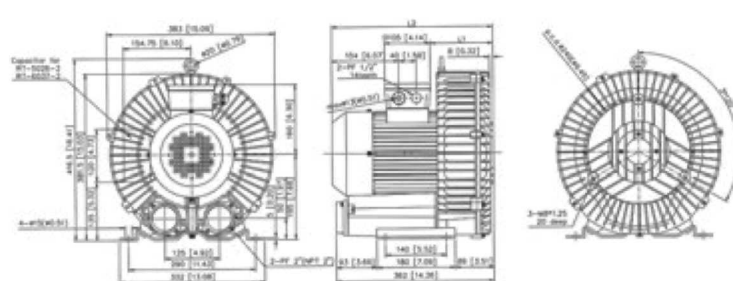
RT-3 Series



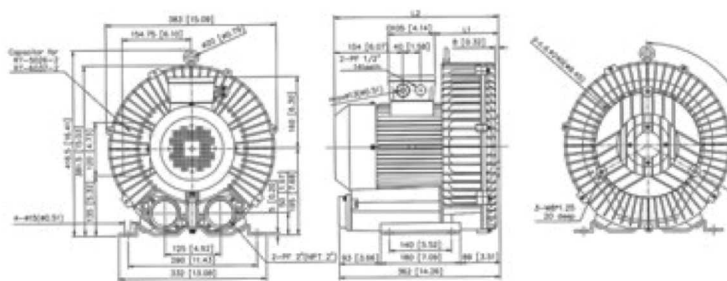
RT-4 Series



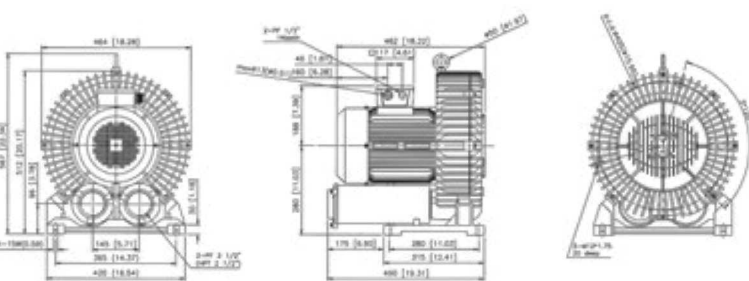
RT-5 Series



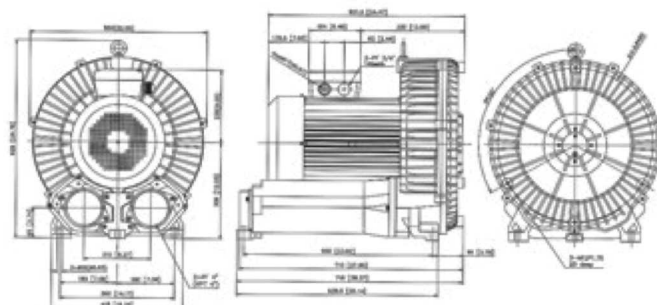
RT-6 Series



RT-7 & 8 Series



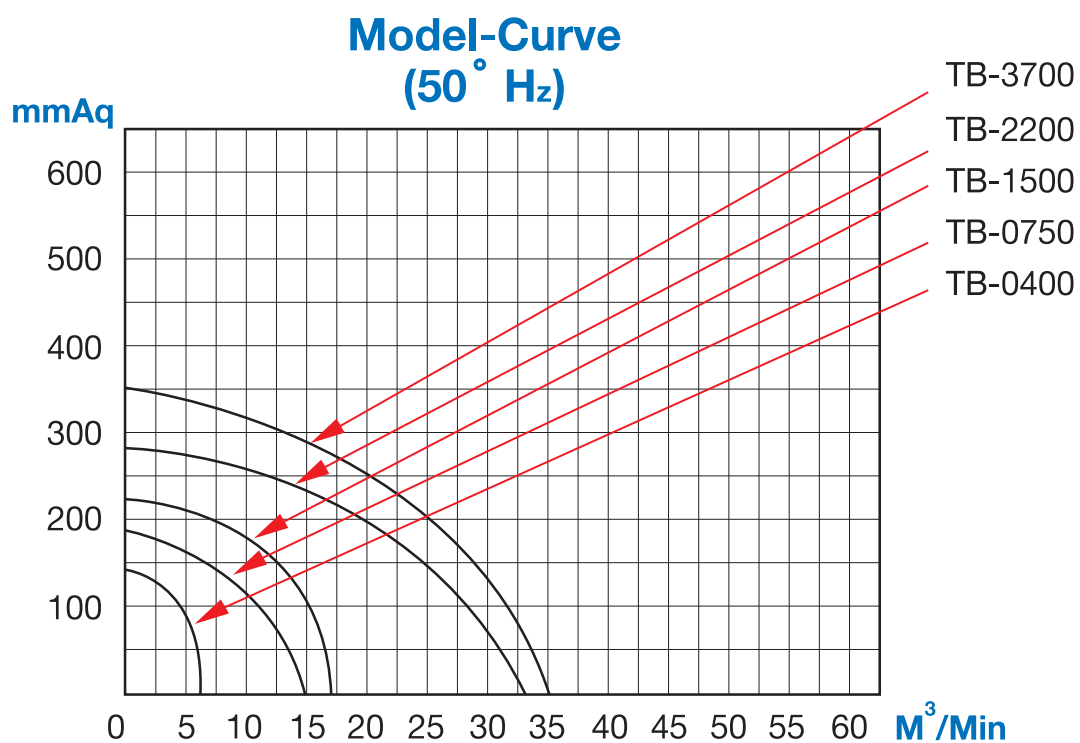
RT-9 Series





Model

Model	Power	Frequency	Voltage	Current (Full Load)	Pressure (Max)	Air Flow (Max)	Outlet	Noise Level	Weight
TB-****	kw	Hz	V	A	mmAq	M ³ /Min	[inch	dB	Kgs
TB-0400	0.4	50/60	220 (380)	2.1 (1.2)	130/150	6/8	3" (ø75)	57/70	18
TB-0750	0.75	50/60	220 (380)	3.3 (1.9)	185/265	15/18	4" (ø100)	65/80	30
TB-1500	1.5	50/60	220 (380)	6.5 (3.8)	215/320	17/21	4" (ø100)	74/90	40
TB-2200	2.2	50/60	220 (380)	8.7 (5)	285/380	33/38	5" (ø125)	77/96	60
TB-3700	3.7	50/60	220 (380)	14 (8)	350/400	35/45	6" (ø150)	80/100	74

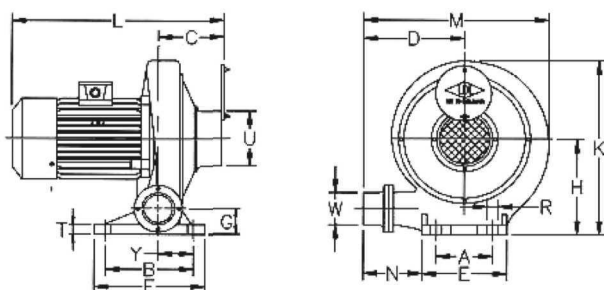


Dimensions

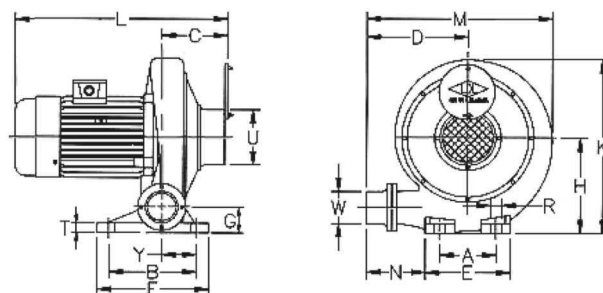
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MODEL	A	B	C	D	E	F	G	H	K	L	M	N	R	T	U	W	Y
TB-0400	135	135	117	210	185	185	70	203	375	355	395	113	10	12	100	75	50
TB-0750	135	165	125	252	190	230	67	245	450	367	450	153	13	15	125	100	55
TB-1500	140	165	155	263	190	245	83	267	490	435	495	156	13	15	125	100	70
TB-2200	140	195	185	280	230	280	100	303	540	495	550	165	16	15	180	125	85
TB-3700	350	240	200	350	415	285	115	325	625	540	645	101	16	20	180	150	65

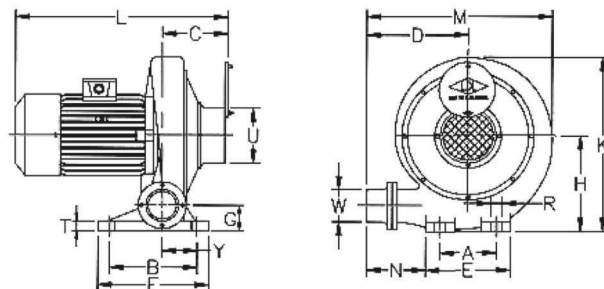
TB 400



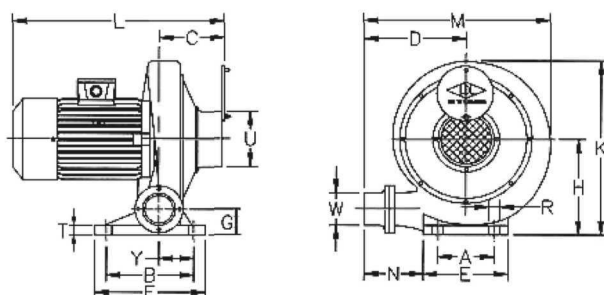
TB 0750



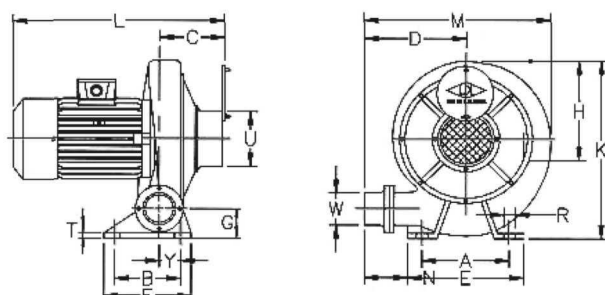
TB 1500



TB 2200



TB 3700



F.N.

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