



**Keep improving – our forever seeking  
Satisfy customers – our invariable promise**

**TOHIN VIETNAM INDUSTRY**

Address : Lot I-10-3, Sai Gon Hi-Tech Park, D6 Street,  
Long Thanh My Ward District 9, Ho Chi Minh City, Viet Nam

Phone : (+84) 8 7106 88 66

Email : [info@tohin.asia](mailto:info@tohin.asia)

Website : [www.tohin.asia](http://www.tohin.asia)



**TOHIN  
ROOTS BLOWER**

**BK Generation 3 Efficient Series**



**TOHIN VIETNAM INDUSTRY**

# ABOUT TOHIN GROUP

## Tohin Japan :

**Name :** TOHIN INDUSTRY CO.,LTD

**Head office :** 13, Kawaraicho, Kuki-shi, Saitama 346-0028, JAPAN

**Established :** 1953

**FactoryKuki factory :** 13, Kawairaicho. Kuki-shi, Saitama 346-0028, JAPAN

**Kiyoku factory :** 6-3, Kiyokucho, kukishi-shi, Saitama 346-0035, JAPAN

**Name :** TOHIN SHOJI CO.,LTD

**Head office :** 2-20-7, Misaki-cho, Chiyoda-ku, Tokyo 101-0061, JAPAN

**Tel :** (81-3)3230-3426

**Fax :** (81-3)3230-3420

**Website :** [www.tohin.co.jp/english/](http://www.tohin.co.jp/english/)

**Established :** January, 1963

### Sales branch in Japan

**Sapporo :** 1-3-1, Misonohachijo, Toyohira-ku, Sapporo-shi, Hokkaido 062-0008

**Nagoya :** 2-1204, Hattori, Nakagawa-ku, Nagoya-shi, Aichi 454-0976

**Osaka :** 17-35, Toyotsu-cho, Suita-shi, Osaka 564-0051

**Fukuoka :** 1-29-23, Naka, Hakata-ku, Fukuoka-shi, Fukuoka 816-0093

## Tohin China :

**Name :** B-TOHIN MACHINE (JIANGSU) CO., LTD

**Head office :** West Yongan Road, Industrial Park for Environmental SCI. & TEC.,

Yixing, Jiangsu 214205, CHINA

**Tel :** 0510-87061341 Fax: 0510-87061340

**Website :** <http://www.bk.com.cn>

**Name :** TOHIN MACHINE CO., LTD

**Head office :** West Yongan Road, Industrial Park for Environmental SCI. & TEC.,

Yixing, Jiangsu 214205, CHINA

**Name :** CHANGZHOU BANDGDE FOUNDRY CO., LTD.

**Head office :** Nanshan-Chun, Xueyan-Zhen, Wujin-City, Jiangsu, CHINA

**Website :** <http://www.bdzz.cn/index.htm>

## Tohin ASEAN :

**Name :** Tohin Vietnam Industry

**Head office :** Lot I-10-3, Sai Gon Hi-Tech Park, D6 Street,Long Thanh My

WardDistrict 9, Ho Chi Minh City, Viet Nam

**Tel :** (+84) 8 7106 88 66

**Website :** [www.tohin.asia](http://www.tohin.asia)

**Established :** September, 2015

ISO 9001 Certified



JQA – QM9166

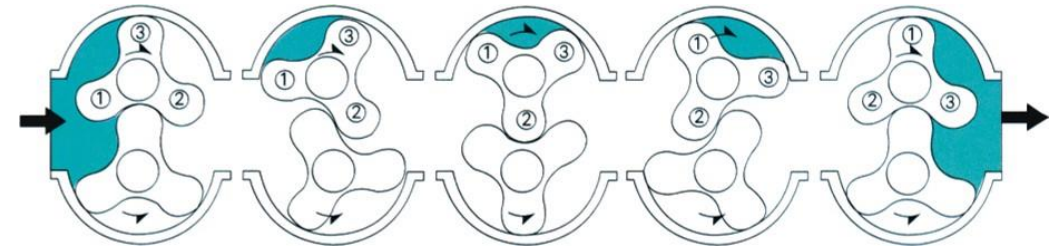
**TOHIN**

- Management idea : Eco-friendly, quality fist
- Enterprise idea : Attentively, Sincerity, Confidence

# Roots Blower

## Blower Operating Principle :

The blower is of displacement type, and sends a fixed amount of air in proportion to its rotation speed. With the three-lobed rotors, the two rotors make three intake and exhaust cycles per revolution. Because the air has less pulse compared with the two-lobed type, fluctuations in load, noise and vibration are small. While the two three-lobed rotors mounted on two parallel shafts maintain only a very small clearance between themselves and the inner surfaces of the oval casing operation chamber and between each other, they are driven by timing gears, moving a fixed volume of the air enclosed by the casing and rotors from the intake side to the output side. The blower is free of Internal lubrication. And its simple design, easy handling, and stable performance make a wide range of applications possible.



## Features of 3-lobe Roots Blower :

- The three-lobe design and reasonable inlet and outlet structure offers a lower noise and small vibration.
- The rotor and shaft have been combined as a single unit with no wear, the performance of the blower is stable, permitting long-term continuous operation.
- Large useful cubage, high volume efficiency speed, compact structure and variable installation.
- The bearings of reasonable type with average durability prolong blower's life.
- The oil seals made of imported fluorubber offers excellent heat-resistance, wear-resistance and long using life.
- The blowers are of various types possible for different applications.

## To Select Blowers of You Need :

( To select a proper blower of certain application, please take the following points into consideration )

Usage	Blowing use or vacuum use
Gas Handled	Gas variety, status, temperature
	With or without corrosiveness and explosiveness
	State the proportion of gas formation and the molecular weight if handle mixed gas
Pressure	Unit: kgf/cm <sup>2</sup> ,mmH <sub>2</sub> O,mmHg,Pa, etc.
	Difference between gauge pressure and absolute pressure
	With or without back pressure
Air Capacity	Unit: m <sup>3</sup> /min
	Differences among Reference Condition (N : 0oC, 1 standard atmosphere pressure),Standard Condition (S : 20oC,1 standard atmosphere pressure), and inlet condition
Location	Outdoor or indoor
	Surrounding temperature, with or without dangerous
Motor	Model No, output, poles
Driving Type	Coupling or v-belt
Others	Temperature of cooling water
	Operating time
	Whether in need of accessories or spare parts
	Painting colour

## BK Generation 3 Efficient roots blower

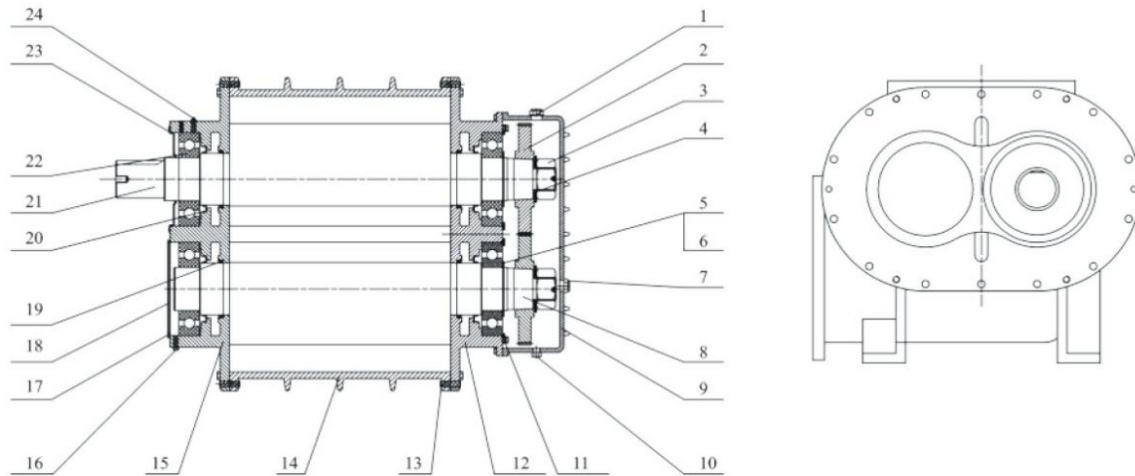


BK Generation 3 is a latest roots blower of high efficiency and energy save. It takes third generation impeller curve, which is of higher efficiency, low temperature rise and low noise.

### BK Type Roots Blower Main Advantage

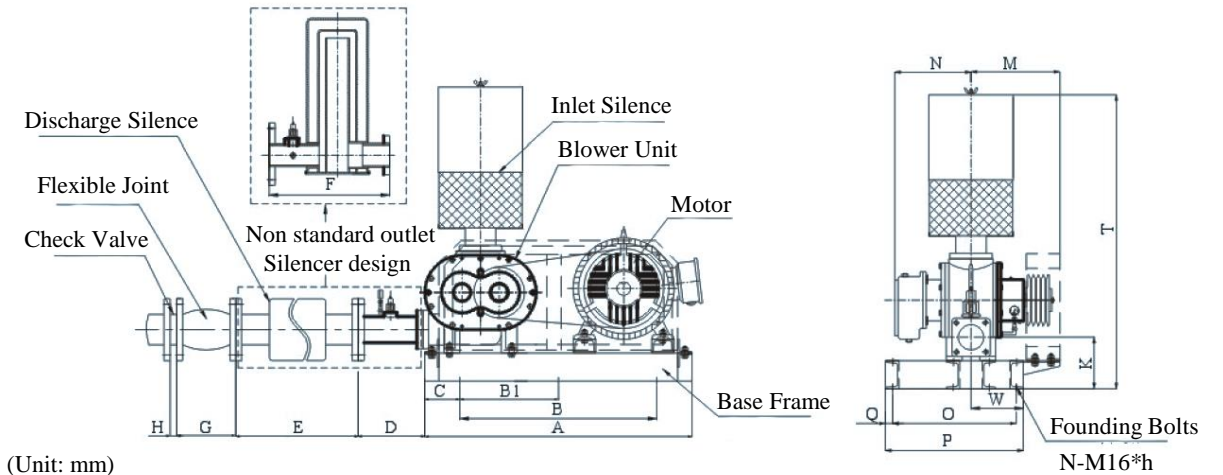
- Optimized lobe curve is adopted for reducing blower's internal leakage, improving blower's efficiency and reducing running temperature.
- After radius - center distance ratio narrowed and shaft's diameter enlarged, no deformation and collision will occur under higher load pressure as the blower's strength is improved.
- Unique hollow design of end-cover is used for making bearing cavity separated from gas chamber relatively, but which reduces the impact of inside high temperature gas on bearing cavity and lowers the bearing temperature.
- Deep groove ball bearing of high precision and low friction factor is selected for lowering operation noise. In addition, because of large size bearing matched for enlarged shaft diameter, the bearing's load capacity is enhanced and its service life is extended.
- A structure of 90 degree upper inlet and side outlet is adopted for convenient installation and maintenance. Different silencers are available for customer's needs of saving floor space.

### Internal Structure Sketch



No.	Name	No.	Name	No.	Name
1	Breather	1	Gear Oil Tank	1	O-rings
2	Timing Gears	2	Plug ( with magnetism )	2	Dust cover
3	Hex Nuts	3	Bearing Container	3	Gas seal
4	Belleville Springs	4	Gear Endplate	4	Oil seal
5	Bearing Circlips	5	Dowel	5	Drive Impeller
6	Shim	6	Housing	6	Ball Bearing
7	Oil Pointer	7	Drive Endplate	7	Dust Proofseal
8	Driven Impeller	8	Relief Valve	8	Grease Nipple

### Outline Dimension Sheet Of BK Type Blower



(Unit: mm)

Type	Port Dia	Motor power (Kw)	A	B	B1	C	D	E	F	G	H	K	M	N	O	P	Q	W	T	n-M16*h	Weight (Kg)	
BK40	1.5"	1.5 ~ 2	690			90									250	300						60
		3	700	500	0	100	104	615	340	95	18	159	216	204	270	320	96	25	928	4-M16x300		
		4	730			115																
BK50	2"	1.5 ~ 2	690			95									184	250	300					85
		3	700	500	0	100	142	715	340	105	18	159	236	204	270	320	116	25	929	4-M16x300		
		4	730			115									264	330	380					
		5.5	770			135																
BK65	2.5"	3 ~ 4	760	500		130									300	350						161
		5.5 ~ 7.5	790	550	0	120	178	815	428	115	18	165	242	238	330	380	143	25	850	4-M16x300		
		11	840	600		120									288	380	430					
BK80	3"	3 ~ 4	770			135									174.5	300	350					188
		5.5 ~ 7.5		500	0	150	175	900	458	135	18	175	275	204.5	300	380	175	25	906	4-M16x300		
		11 ~ 15	800			150									284.5	300	380					
BK100	4"	11 ~ 15	920	720	360	100									274	410	460					251
		18.5 ~ 22	950	700	350	125	236	900	510	150	18	183	316	304	440	490	186	25	1042	6-M16x300		
		30	1030	800	400	115								394	530	580						
BK125	5"	11 ~ 15	920	720	360	100									229	410	460					298
		18.5 ~ 22	950	700	350	125	270	1000	570	165	18	206	361	259	440	490	231	25	1067	6-M16x400		
		30 ~ 37	1030	800	400	115								349	530	580						
BK150	6"	18.5 ~ 22	1040	800	400	120	317								254.5	505	555	301	25	1147		530
		30	1070			135	1000	630	180	24	232	430		370.5	620	676	305	28	1173	6-M16x400		
		37 ~ 45	1130	900	450	140	312															
		55	1180			140																
BK200	8"	22 ~ 30	1140	900	450	120									333	640	696					708
		37 ~ 45	1200			100	360	1000	750	190	24	288	503		433	740	796		28	1257	6-M16x400	
		55	1250	1000	500	125																
		75 ~ 90	1300			150																
BK250	10"	37 ~ 45	1350			175									533	423	740	796				1050
		55	1400	1000	500	200	367	1200	860	230	38	288										
		75 ~ 90	1500			250									553	723	1040	1096		28	1463	
BK300	12"	37 ~ 45	1600			300																1650
		55	1620	1000	500	310	415	1200	980	245	38	390	595	565	920	980	415	30	1622	6-M16x400		
		75 ~ 90	1680			340																
		110 ~ 200	1750			375																

- Standard accessory include: Inlet and outlet silencer, pressure gage, base-frame, blower's pulley, motor's pulley, belt, belt guard, relief valve, check valve.
- The weight above are for standard accessories only, motor excluded.

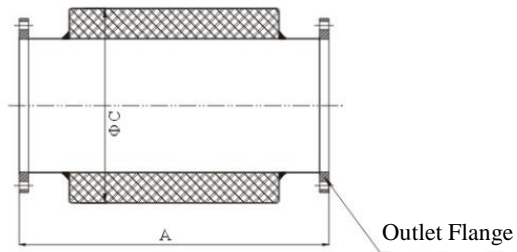
### BK Type Performance Parameters Sheet

Model	Dia. of Discharge (mm)	Speed	Inlet airflow (m3/min) and shaft power (Kw) at different conditions																
			0.1kgf/cm <sup>2</sup>		0.2kgf/cm <sup>2</sup>		0.3kgf/cm <sup>2</sup>		0.4kgf/cm <sup>2</sup>		0.5kgf/cm <sup>2</sup>		0.6kgf/cm <sup>2</sup>		0.7kgf/cm <sup>2</sup>		0.8kgf/cm <sup>2</sup>		
			1000mmH <sub>2</sub> O		2000mmH <sub>2</sub> O		3000mmH <sub>2</sub> O		4000mmH <sub>2</sub> O		5000mmH <sub>2</sub> O		6000mmH <sub>2</sub> O		7000mmH <sub>2</sub> O		8000mmH <sub>2</sub> O		
			0.01Mpa		0.02Mpa		0.03Mpa		0.04Mpa		0.05Mpa		0.06Mpa		0.07Mpa		0.08Mpa		
		rpm	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	
BK40	40 (1.5")	1750	0.90	0.87	0.68	1.04	0.50	1.21	0.36	1.37									
		1850	0.98	0.92	0.76	1.10	0.59	1.27	0.44	1.45									
		2050	1.15	1.02	0.92	1.22	0.75	1.41	0.61	1.61									
		2400	1.43	1.19	1.21	1.42	1.04	1.65	0.89	1.89	0.77	2.12							
		2750	1.72	1.37	1.50	1.63	1.33	1.90	1.18	2.16	1.05	2.43	0.94	2.69					
		3000	1.93	1.49	1.70	1.78	1.53	2.07	1.39	2.36	1.26	2.65	1.14	2.93					
BK50	50 (2")	1700	1.57	1.27	1.35	1.51	1.18	1.76	1.04	2.00	0.91	2.25							
		1950	1.88	1.45	1.66	1.73	1.49	2.02	1.35	2.30	1.22	2.58							
		2150	2.12	1.60	1.90	1.91	1.73	2.22	1.59	2.53	1.47	2.84							
		2400	2.43	1.79	2.21	2.13	2.04	2.48	1.90	2.83	1.78	3.17	1.66	3.52					
BK65	65 (2.5")	1500	3.17	2.23	2.89	2.66	2.68	3.08	2.50	3.51	2.35	3.94	2.20	4.37	2.07	4.79			
		1700	3.68	2.52	3.41	3.01	3.19	3.49	3.02	3.98	2.86	4.46	2.72	4.95	2.58	5.43	2.46	5.92	
		1900	4.19	2.82	3.92	3.36	3.71	3.91	3.53	4.45	3.37	4.99	3.23	5.53	3.10	6.07	2.97	6.61	
		2075	4.64	3.08	4.36	3.67	4.15	4.27	3.97	4.86	3.82	5.45	3.67	6.04	3.54	6.63	3.42	7.22	
		2200	4.96	3.27	4.68	3.89	4.47	4.52	4.29	5.15	4.14	5.78	3.99	6.40	3.86	7.03	3.74	7.66	
		2425	5.54	3.60	5.26	4.29	5.05	4.98	4.87	5.68	4.71	6.37	4.57	7.06	4.44	7.75	4.32	8.44	
		2600	5.98	3.86	5.71	4.60	5.50	5.34	5.32	6.09	5.16	6.83	5.02	7.57	4.89	8.31	4.77	9.05	
		2750	6.36	4.08	6.09	4.87	5.88	5.65	5.70	6.44	5.54	7.22	5.40	8.01	5.27	8.79	5.15	9.57	
BK80	80 (3")	1500	4.84	3.33	4.48	3.97	4.21	4.60	3.98	5.24	3.78	5.47	3.60	6.51	3.43	7.14			
		1700	5.60	3.78	5.24	4.50	4.97	5.22	4.74	5.44	4.54	6.65	4.36	7.37	4.19	8.09	4.04	8.81	
		1900	6.35	4.22	6.00	5.03	5.73	5.83	5.50	6.63	5.30	7.44	5.12	8.24	4.95	9.04	4.80	9.85	
		2075	7.02	4.61	6.66	5.49	6.39	6.37	6.17	7.24	5.96	8.12	5.78	9.00	5.61	9.88	5.46	10.75	
		2200	7.49	4.89	7.14	5.82	6.87	6.75	6.64	7.48	6.44	8.61	6.26	9.54	6.09	10.47	5.93	11.40	
		2425	8.34	5.39	7.99	6.42	7.72	7.44	7.49	8.47	7.29	9.49	7.11	10.52	6.94	11.54	6.79	12.57	
		2600	9.01	5.78	8.66	6.88	8.38	7.98	8.16	9.08	7.96	10.18	7.77	11.28	7.61	12.38	7.45	13.48	
		2750	9.58	6.11	9.23	7.28	8.96	8.44	8.73	9.60	8.53	10.76	8.33	11.93	8.18	13.09	8.02	14.25	
BK100	100 (4")	1400	7.61	5.16	7.19	6.13	6.86	7.09	6.58	8.06	6.34	9.02	6.12	9.99	5.91	10.95	5.72	11.91	
		1550	8.54	5.72	8.11	6.78	7.78	7.85	7.51	8.92	7.26	9.99	7.04	11.05	6.84	12.12	6.65	13.19	
		1750	9.78	6.46	9.35	7.66	9.02	8.87	8.74	10.07	8.50	11.28	8.28	12.48	8.08	13.69	7.89	14.89	
		1850	10.39	6.82	9.97	8.10	9.64	9.37	9.36	10.65	9.12	11.92	8.90	13.19	8.69	14.47	8.50	15.74	
		2050	11.63	7.56	11.20	8.97	10.87	10.39	10.60	11.80	10.35	13.21	10.13	14.62	9.93	16.03	9.74	17.44	
		2200	12.56	8.12	12.13	9.63	11.80	11.15	11.52	12.66	11.28	14.18	11.06	15.69	10.85	17.21	10.67	18.72	
		2350	13.48	8.67	13.05	10.29	12.73	11.91	12.45	13.52	12.21	15.14	11.98	16.76	11.78	18.38	11.59	20.00	
BK125	125 (5")	1400	11.56	5.63	11.02	7.07	10.61	8.50	10.27	9.93	9.96	11.37	9.68	12.80	9.43	14.23	9.19	15.67	
		1550	12.94	6.24	12.40	7.82	11.99	9.41	11.64	11.00	11.34	12.58	11.06	14.17	10.81	15.76	10.57	17.34	
		1750	14.77	7.04	14.24	8.83	13.83	10.62	13.48	12.42	13.17	14.21	12.90	16.00	12.64	17.79	12.41	19.58	
		1850	15.69	7.44	15.16	9.34	14.74	11.23	14.40	13.13	14.09	15.02	13.81	16.91	13.56	18.81	13.32	20.70	
		2050	17.53	8.25	16.99	10.35	16.58	12.45	16.23	14.54	15.93	16.64	15.65	18.74	15.40	20.84	15.16	22.94	
		2200	18.91	8.85	18.37	11.10	17.96	13.36	17.61	15.61	17.31	17.86	17.03	20.11	16.77	22.37	16.54	24.62	
BK150	150 (6")	1330	21.88	10.64	21.07	13.30	20.44	15.96	19.91	18.62	19.44	21.28	19.02	23.94	18.64	26.60	18.28	29.26	
		1420	23.50	11.36	22.68	14.20	22.05	17.04	21.52	19.88	21.06	22.72	20.64	25.56	20.25	28.40	19.89	31.24	
		1580	26.37	12.64	25.55	15.80	24.92	18.92	24.39	22.12	23.93	25.28	23.51	28.44	23.12	31.60	22.76	34.76	
		1670	27.98	13.36	27.16	16.70	26.54	20.04	26.01	23.38	25.54	26.72	25.12	30.06	24.74	33.40	24.37	36.74	
		1870	31.57	14.96	30.75	18.70	30.12	22.44	29.60	26.18	29.13	29.92	28.71	33.66	28.32	37.40	27.96	41.14	
		1980	33.54	15.84	32.72	19.80	32.10	23.76	31.57	27.72	31.10	31.68	30.68	35.64	30.30	39.60	29.94	43.56	
		2080	35.33	16.64	34.52	20.80	33.89	24.96	33.36	29.12	32.90	33.28	32.48	37.44	32.09	41.60	31.73	45.76	

### BK Type Performance Parameters Sheet

Model	Dia. of Discharge (mm)	Speed	Inlet airflow (m3/min) and shaft power (Kw) at different conditions																
			0.1kgf/cm <sup>2</sup>		0.2kgf/cm <sup>2</sup>		0.3kgf/cm <sup>2</sup>		0.4kgf/cm <sup>2</sup>		0.5kgf/cm <sup>2</sup>		0.6kgf/cm <sup>2</sup>		0.7kgf/cm <sup>2</sup>		0.8kgf/cm <sup>2</sup>		
			1000mmH <sub>2</sub> O		2000mmH <sub>2</sub> O		3000mmH <sub>2</sub> O		4000mmH <sub>2</sub> O		5000mmH <sub>2</sub> O		6000mmH <sub>2</sub> O		7000mmH <sub>2</sub> O		8000mmH <sub>2</sub> O		
			0.01Mpa		0.02Mpa		0.03Mpa		0.04Mpa		0.05Mpa		0.06Mpa		0.07Mpa		0.08Mpa		
		rpm	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	m <sup>3</sup> /min	Kw	
BK200	200 (8")	1150	31.24	17.60	30.06	21.40	29.16	25.20	28.40	28.99	27.74	32.79	27.13	36.59	26.57	40.39	26.06	44.19	
		1250	34.20	19.13	33.03	23.26	32.13	27.39	31.37	31.52	30.70	35.64	30.09	39.77	29.54	43.90	29.02	48.03	
		1320	36.27	20.20	35.10	24.56	34.20	28.92	33.44	33.28	32.77	36.64	32.17	42.00	31.61	46.36	31.09	50.72	
		1380	38.05	21.12	36.88	25.68	35.98	30.23	35.22	34.79	34.55	39.35	33.94	43.91	33.39	48.47	32.87	53.03	
		1480	41.01	22.65	39.84	27.54	38.94	32.43	38.18	36.31	37.51	42.20	36.91	47.09	36.35	51.98	35.83	56.87	
		1640	45.75	25.10	44.58	30.51	43.68	35.93	42.92	41.35	42.25	46.77	41.65	52.18	41.09	57.60	40.57	63.02	
		1850	51.97	28.31	50.80	34.42	49.90	40.53	49.14	46.64	48.47	52.75	47.87	58.86	47.31	64.97	46.80	71.09	
		2080	58.79	31.83	57.62	38.70	56.72	45.57	55.96	52.44	55.29	59.31	54.68	66.18	54.13	73.05	53.61	79.92	
BK250	250 (10")	1320	53.91	27.92	52.17	34.73	50.83	41.53	49.70	48.34	48.71	55.14	47.81	61.95	46.98	68.75	46.21	75.55	
		1480	60.96	31.31	59.21	38.94	57.88	46.57	56.75	54.20	55.75	61.83	54.85	69.45	54.03	77.08	53.26	84.71	
		1650	68.44	34.91	66.70	43.41	65.36	51.92	64.23	60.42	63.24	68.93	62.34	77.43	61.51	85.94	60.75	94.44	
		1775	73.95	37.55	72.20	46.70	70.87	55.85	69.74	65.00	68.74	74.15	67.84	83.30	67.02	92.45	66.25	101.60	
		1875	78.35	39.67	76.61	49.33	75.27	59.00	74.14	68.66	73.15	78.33	72.25	87.99	71.42	97.66	70.65	107.32	
		1980	82.97	41.89	81.23	52.09	79.89	62.30	78.76	72.51	77.78	82.71	76.87	92.92	76.04	103.12	75.2	113.33	
BK300	300 (12")	1175	73.16	42.17	70.66	51.45	68.74	60.72	67.12	69.99	65.69	79.26	64.41	88.54	63.22	97.81	62.12	107.08	
		1300	81.59	46.66	79.09	56.92	77.17	67.18	75.55	77.44	74.12	87.69	72.83	97.95	71.65	108.21	70.54	118.47	
		1480	93.72	53.12	91.22	64.80	89.30	76.48	87.68	88.16	86.25	99.84	84.97	111.52	83.78	123.20	82.68	134.88	
		1575	10																

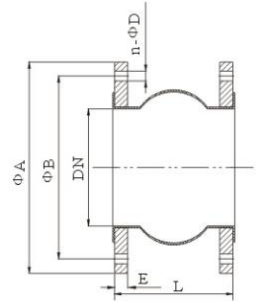
## Discharge Silencer



Unit: mm

Blower Application Type	Port Dia	Flange	A	C
BK40	1.5"	DN40	615	160
BK50	2"	DN50	715	160
BK65	2.5"	DN65	815	160
BK80	3"	DN80	900	160
BK100	4"	DN100	900	219
BK125	5"	DN125	1000	219
BK150	6"	DN150	1000	285
BK200	8"	DN200	1000	345
BK250	10"	DN250	1200	400
BK300	12"	DN300	1200	450

## Flexible Joint

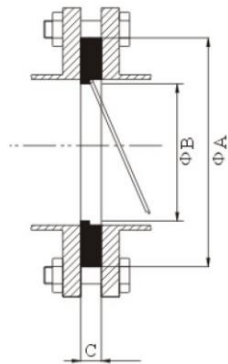


Unit: mm

Type	A	B	E	L	n	D
DN40	150	110	15	95	4	18
DN50	165	125	15	105	4	18
DN65	185	145	17	115	4	18
DN80	200	160	20	135	8	18
DN100	220	180	21	150	8	18
DN125	250	210	21	165	8	18
DN150	285	240	21	180	8	22
DN200	340	295	21	190	8	22
DN250	395	350	23	230	12	22
DN300	445	400	24	245	12	22
DN350	505	460	28	260	16	22

## AD Type check valve with machined surface sealed

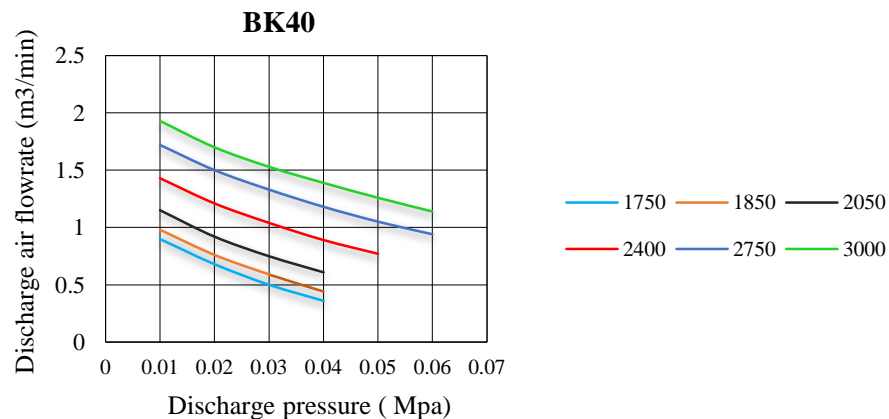
Type	A	B	C	Bolts Spec
AD40	86	30	18	M16 x 80
AD50	101	38	18	M16 x 80
AD65	121	45	18	M16 x 80
AD80	131	52	18	M16 x 80
AD100	156	65	18	M16 x 90
AD125	187	90	18	M16 x 90
AD150	217	115	24	M20 x 110
AD200	267	160	24	M20 x 110
AD250	320	273	38	M20 x 140
AD300	368	325	38	M20 x 140
AD350	428	377	38	M20 x 140



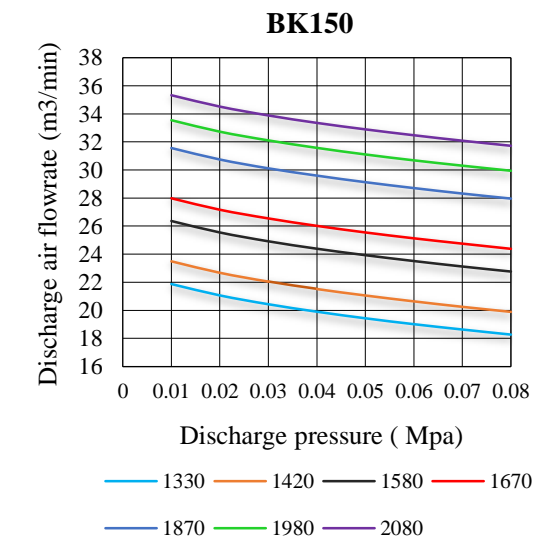
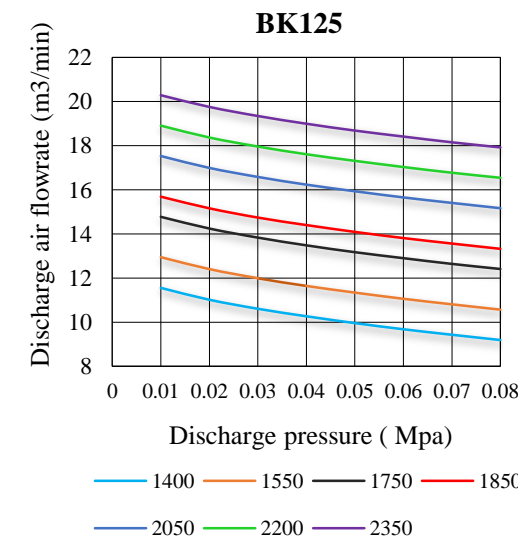
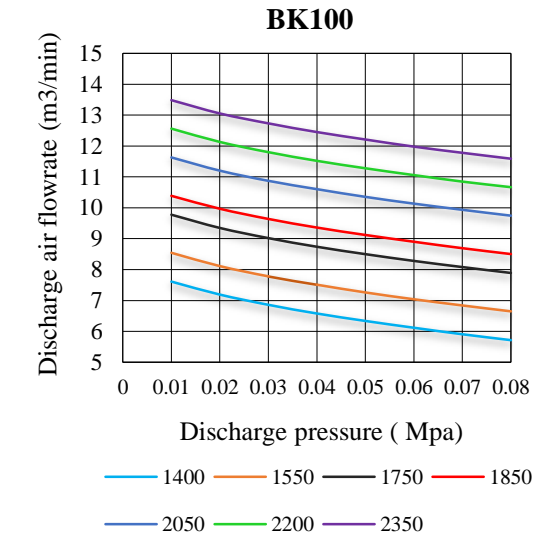
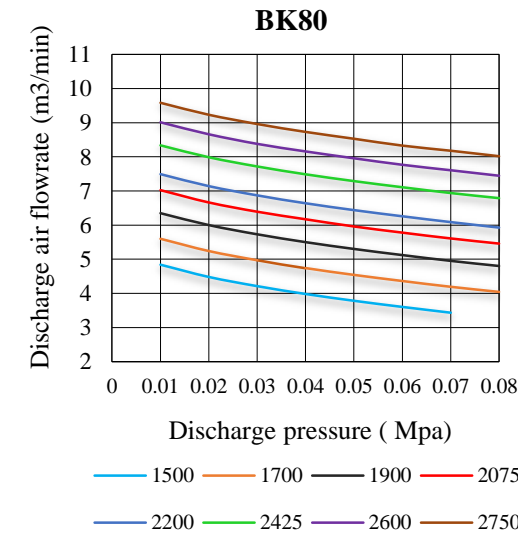
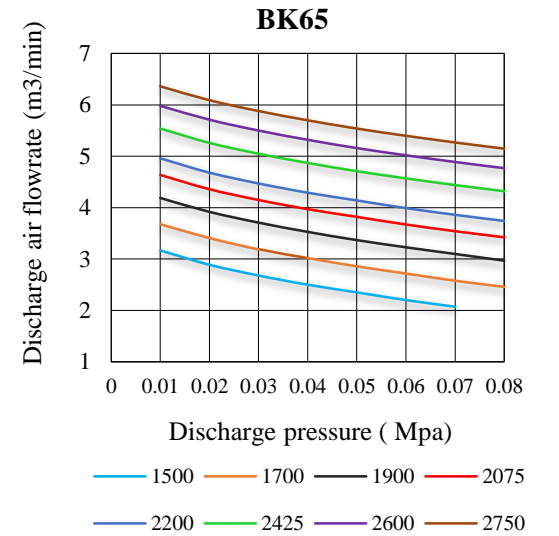
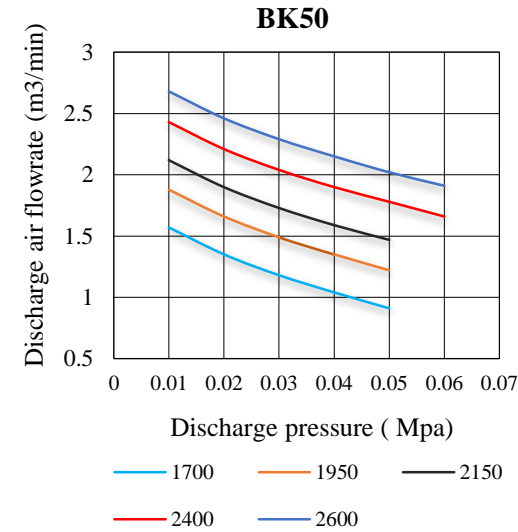
Electricity Cabinet  
can be designed  
according to the  
customer's request

❖ Please excuse that we will not notice you if there are any changes of technical parameters.

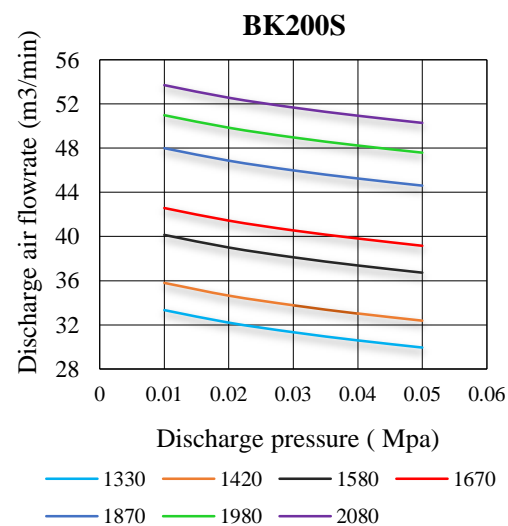
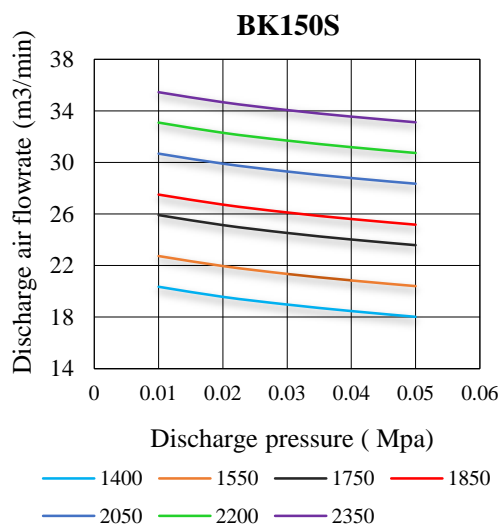
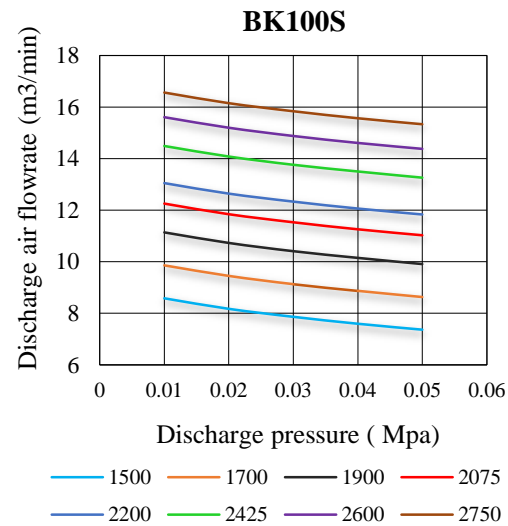
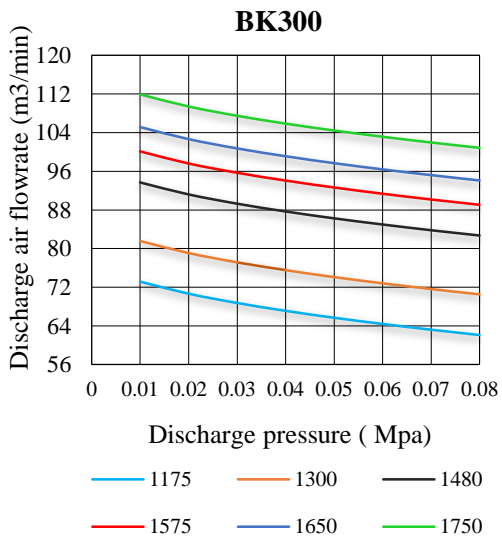
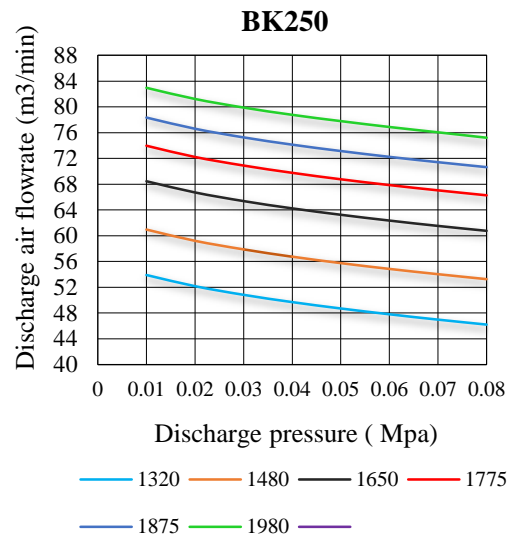
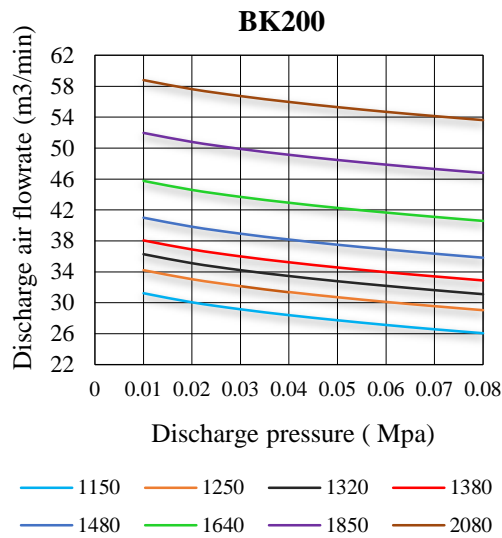
## Performance curves



## Performance curves



Performance curves



Example of usage

<p><b>Water treatment</b></p> <p>It is used for aeration and the stir in the water treatment plant.</p>	<p><b>Incinerators</b></p> <p>Blower enhances the combustion efficiency, and promotes the exhaust gas removal.</p>	<p><b>Pipe clearing</b></p> <p>Blower is used to clean of pipe and to supply the coating to piping.</p>	<p><b>Ozone implement</b></p> <p>Blower is used as an air supply of the high concentration ozonizer.</p>
<p><b>Compost ferment</b></p> <p>The air of blower promotes the fermentation of domestic animal's excreta etc.</p>	<p><b>Plating bath</b></p> <p>Plating quality can be enhanced by using a blower to circulate electrolytes in the plating bath to give the plating a more uniform thickness. Here blowers serve as the source of air supply.</p>	<p><b>Frozen food</b></p> <p>Blowers are useful in the sir-freezing of frozen foods in water</p>	<p><b>Airlift Pump</b></p> <p>Bubbles formed by air jet in water through the pipe by reducing the specific gravity of sewage.</p>
<p><b>Pound oxygen providing</b></p> <p>Blower is used for the Oxygen supply of aquafarm, for the stir. Blower is used also in the aquarium etc.</p>	<p><b>Press machine</b></p> <p>Blower is used for lift when removing molded products from the press.</p>	<p><b>Sandblast</b></p> <p>Provides a concentrated blast of air for use in sandblasting.</p>	<p><b>Produce line drying</b></p> <p>Our blowers are used to good effect in small scale drying lines.</p>
<p><b>Back washing</b></p> <p>Blower is used to wash the filter etc by reversal flow.</p>	<p><b>Imprinter paper feeding</b></p> <p>The exhalation air of blower helps the separation and distribution of paper.</p>	<p><b>Atomization of detergent</b></p> <p>Blowers convey energy at car washes by atomizing water and detergent.</p>	<p><b>Air Blower</b></p> <p>Blowers are used to blow off drops of water clinging to surfaces of cans, bottle, machine part. Air blowers can also be used as sources of cooling or drying air.</p>
<p><b>Special gas</b></p> <p>Blower is used for the supply of the city gas etc.</p>	<p><b>Snow machine</b></p> <p>Blower is used for pneumatic transportation in the snow machine.</p>	<p><b>Powder and grain transportation</b></p> <p>Blower is used for the pneumatic transportation of the pellet of vinyl chloride and polyethylene etc. It is possible to use it by the vacuum method.</p>	