BUMATEC
Screw Air Compressor

World Class Quality

It is BUMATEC Air Compressor

BUMA TEC CO., LTD.
BUMA Technical Compressor

About Us...

BUMATEC CO., LTD is a corporation 100% invested by BUMA Group in Korea. And since the establishment in 2003, the company has been developing state-of-the-art air compressors with its own technology and supplying to the clients in the industry all around the world. BUMATEC has deep and comprehensive knowledge based on experiences for a decade in the screw air compressor industry. With constant innovation and effort into R&D, the company developed permanent magnet motor type, low pressure type, 2-stage high pressure type and portable type air compressors as latest achievement. BUMATEC is trying to get close to the clients through continuous improvement in quality and service. With the slogan of the company's philosophy "BUILT ON TRUST", we do realize the client's satisfaction.

Supplying of Foundation Equipment
Sales & Service of BUMATEC Air Compressors in Korea

Manufacturing & Supplying of Screw Air Compressors

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BUMATEC 6 steps of Quality Improving System

3D Simulation Design
For the design work of the new products, BUMATEC analyzes the structure and air flow in various conditions through 3D Simulation.

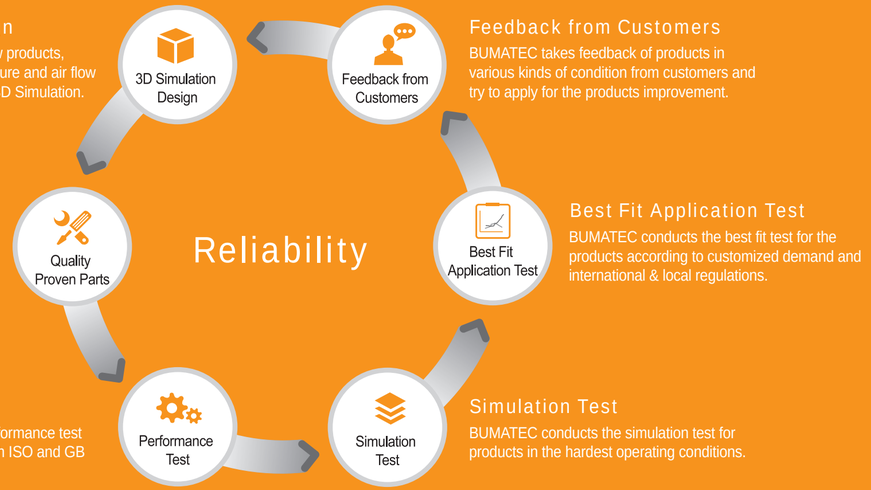
Feedback from Customers
BUMATEC takes feedback of products in various kinds of condition from customers and try to apply for the products improvement.

Best Fit Application Test
BUMATEC conducts the best fit test for the products according to customized demand and international & local regulations.

Simulation Test
BUMATEC conducts the simulation test for products in the hardest operating conditions.

Performance Test
BUMATEC conducts strict performance test for products in accordance with ISO and GB regulation.

Quality Proven Parts
BUMATEC chooses and uses the Quality Proven Parts in the production.



BUMATEC Screw Air Compressor

Quiet Operation
BUMATEC airend provide much low noise during its operation through unique design and double wall housing structure. The silencer and centrifugal fan were installed according to simulation design of airflow which is able to reduce air friction noise remarkably. And unique quick ventilation valve was installed which was designed to remove unloading noise. BUMATEC compressor guarantee the sound proof under 70dB.

High Efficiency
BUMATEC has developed big size screw rotor of airend through high accuracy machining process and finally achieved the best clearance of the rotor which is able to provide the highest airflow rate in the world. Airflow of BUMATEC air compressor is relatively much more than others.

Maintenance-friendly Design
BUMATEC air compressors have maintenance-friendly designs. All the parts are assembled in simple arrangement for easy maintenance such as application of hinge door covers to save maintenance time, reducing numbers of bolts to oil filter cover and application of o-ring to oil filter to improve life cycles. And it is easy to clean the inside of air compressor when it is dirty.

BFD Series / Direct Drive Coupling Type

High Efficiency Motor

Specially customized electric motors have been used for BUMATEC Air Compressors. To increase the power efficiency, BUMATEC has been using frequency conversion motor which is controlled by loading / unloading. Through reducing energy conversion loss and preventing temperature rising, the motor is able to sustain longer life time without breaking down or burning out. With the application of SKF bearing and high protection of IP55 grade, it has maximized the product's life cycle.

1:1 Direct Drive

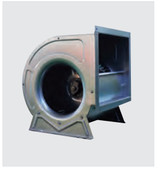
BUMATEC does not apply gear transmission between Airend and Motor. Through the direct drive from the motor to the rotor of the airend, it can prevent transmission loss, make remarkable energy saving and reduce maintenance cost.

BUMATEC's soft coupling is reliable and making smooth connection between airend and motor. And it effectively absorb the impact load generated by starting torque.

Energy Saving Airend

With new and exclusive design of BUMATEC's screw rotor which has been passed through the accurate machining procedure and test, it improves efficiency of airend and optimizes the airflow. And unique design of the bearing support and application of roller bearing enable to support thrust load effectively and extend the running time.

Low Noise Centrifugal Cooling Fan



BUMATEC apply centrifugal cooling fan of 6P electric motor. Compared to 4P motor, it can reduce noise during the operation and increase cooling efficiency. Furthermore, it is easy for maintenance.

Energy Saving Intake Valve

This intake valve is featuring high efficiency and vast rage control. It can save energy through free control of loading and save maintenance cost through built-in design.

BFD Series Direct Drive Coupling Type Screw Compressor

(380V, 50Hz)

Model	Motor Power (Kw)	Motor Power (HP)	Flow Meter (m³/min)	Flow Meter (ft³/min)	Pressure (bar)	Lub Oil (ℓ)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)	
BFD22	22	30	3.8	134.2	7	12	G1″	550	1,300 x 950 x 1,270	
			3.6	127.1	8					
			3.0	106.0	10					
			2.6	91.8	13					
BFD30	30	40	5.2	183.6	7	20	G1-1/2″	700	1,550 x 1,000 x 1,380	
			5.0	176.6	8					
			4.5	158.9	10					
			3.8	134.2	13					
BFD37	37	50	6.5	229.5	7	20		800	1,550x 1,000 x 1,380	
			6.2	219.0	8					
			5.7	201.3	10					
			4.8	169.5	13					
BFD45	45	60	8.0	282.5	7	20		960	1,550 x 1,000 x 1,380	
			7.5	264.9	8					
			6.9	243.7	10					
			6.0	211.9	13					
BFD55	55	75	10.3	363.7	7	40	G2″	1,600	1,700 x 1,100 x 1,520	
			9.6	339.0	8					
			8.7	307.2	10					
			7.5	264.9	13					
BFD75	75	100	13.5	476.4	7	50		1,900	2,100 x 1,200 x 1,620	
			12.5	441.4	8					
			11.2	395.5	10					
			10.0	353.1	13					
BFD90	90	125	16.3	575.6	7	60	DN50	2,100	2,200 x 1,350 x 1,650	
			15.9	561.5	8					
			14.0	494.4	10					
			12.2	430.8	13					
BFD110	110	150	21.0	741.6	7	75	DN65	3,400	2,500 x 1,500 x 1,950	
			20.0	706.3	8					
			17.0	600.3	10					
			14.8	522.7	13					
BFD132	132	180	23.5	829.9	7	75	DN65	3,400	2,500 x 1,500 x 1,950	
			22.5	794.6	8					
			21.0	741.6	10					
			18.0	635.7	13					
BFD160	160	220	28.0	988.8	7	85	DN80	4,000	2,800 x 1,720 x 1,920	
			26.5	935.8	8					
			24.5	865.2	10					
			20.3	716.9	13					
BFD185	185	250	32.0	1,130.0	7	85	DN80	4,000	2,800 x 1,720 x 1,920	
			30.0	1,059.4	8					
			27.8	981.7	10					
			24.5	865.2	13					
BFD200	200	280	34.3	1,211.3	7	85	DN80	4,200	2,800 x 1,720 x 1,920	
			32.9	1,161.9	8					
			30.2	1,066.5	10					
			27.2	960.6	13					
BFD220	220	300	36.0	1,271.3	7	100	DN100	4,500	3,300 x 2,000 x 2,150	
			34.2	1,207.8	8					
			31.4	1,108.9	10					
			27.5	971.2	13					
BFD250	250(2P)	340	43.5	1,536.2	7	100	DN100	4,900	3,300 x 2,000 x 2,150	
			41.8	1,476.2	8					
			38.0	1,342.0	10					
			34.5	1,218.4	13					
BFD250	250(4P)	340	46.8	1,652.7	7	100	DN100	5,200	3,300 x 2,000 x 2,150	
			45.2	1,596.2	8					
			41.0	1,447.9	10					
			37.2	1,313.7	13					
BFD315	315	400	57.6	2,034.1	7	220	DN125	5,700	4,200 x 2,250 x 2,275	
			54.5	1,924.6	8					
			50.0	1,765.7	10					
			43.4	1,532.7	13					
BFD355	355	480	64.5	2,277.8	7	220	DN125	6,200	4,200 x 2,250 x 2,275	
			62.2	2,196.6	8					
			56.0	1,977.6	10					
			48.6	1,716.3	13					

BFB Series / Belt Drive Type

The all-in-one solution with integrated air tank

Belt Drive Type has air tank-mounted compressor to save cost and space for your limited area

Convenient and Safe Maintenance for Belt Transmission

BUMATEC Belt Transmission is easy to adjust air pressure which protects overload. And seals and shaft are able to be replaced simply and it eventually make maintenance cost saving. During operation and maintenance, the cover protects user from any injuries.

3 Steps of Air and Oil Separation System

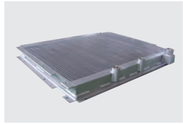
- Step 1
  Air and Oil are separated by a pounding effect on the bottom of a separator.

- Step 2
  Air and Oil are separated by a centrifugal effect.

- Step 3
  Oil filtering through separate element.

Through the above 3 steps, it can control oil content less than 2ppm.

Exceptional Cooling System



BUMATEC's unique Air Cooling System designed by air flow simulation is featuring of keeping optimized air flow condition inside and cooling compressed air in outlet. In environment temperature at 50℃, BUMATEC air compressor is able to run the electric motor without any heating problem.
Application of aluminum fin radiator reduces air flow resistance and increase the cooling efficiency.

BFB Series Belt Type Screw Compressor

(380V, 50Hz)

Model	Motor Power (Kw)	Motor Power (HP)	Flow Meter (m^3/min)	Flow Meter (ft^3/min)	Pressure (bar)	Lub Oil (ℓ)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)	
BFB5.5	5.5	7.5	0.9	30.0	7	8	G3/4″	280	800 x 720 x 830	
			0.8	28.3	8					
			0.7	24.7	10					
			0.6	21.2	13					
BFB5.5T	5.5	7.5	0.9	30.0	7			360	985 x 720 x 1,420	
			0.8	28.3	8					
			0.7	24.7	10					
			0.6	21.2	13					
BFB7.5	7.5	10	1.2	42.4	7			280	800 x 720 x 830	
			1.1	38.8	8					
			1.0	35.3	10					
			0.8	28.3	13					
BFB7.5T	7.5	10	1.2	42.4	7			360	985 x 720 x 1,420	
			1.1	38.8	8					
			1.0	35.3	10					
			0.8	28.3	13					
BFB11	11	15	2.0	70.6	7			300	800 x 720 x 830	
			1.6	56.5	8					
			1.4	50.1	10					
			1.1	40.3	13					
BFB11T	11	15	2.0	70.6	7			380	985 x 720 x 1,420	
			1.6	56.5	8					
			1.4	50.1	10					
			1.1	40.3	13					
BFB15	15	20	2.5	88.2	7	10	G3/4″	390	1,150 x 850 x 1,100	
			2.3	81.2	8					
			2.0	70.6	10					
			1.8	61.8	13					
BFB15T	15	20	2.5	88.2	7			500	1,555 x 850 x 1,682	
			2.3	81.2	8					
			2.0	70.6	10					
			1.8	61.8	13					
BFB18.5	18.5	25	3.1	109.5	7			420	1,150 x 850 x 1,100	
			2.9	102.4	8					
			2.6	91.8	10					
			2.2	77.7	13					
BFB18.5T	18.5	25	3.1	109.5	7			530	1,555 x 850 x 1,682	
			2.9	102.4	8					
			2.6	91.8	10					
			2.2	77.7	13					
BFB22	22	30	3.5	123.6	7	12	G1″	660	1,120 x 860 x 1,250	
			3.3	116.5	8					
			3.0	105.9	10					
			2.6	91.8	13					
BFB30	30	40	5.2	183.6	7			710		
			5.0	176.6	8					
			4.5	158.9	10					
			3.8	134.2	13					
BFB37	37	50	6.5	229.5	7	20	G1-1/2″	850	1,300 x 1,000 x 1,300	
			6.2	219.0	8					
			5.7	201.3	10					
			4.8	169.5	13					
BFB45	45	60	8.0	282.5	7			950		
			7.5	264.9	8					
			6.9	243.7	10					
			6.0	211.9	13					
BFB55	55	75	10.3	363.7	7	40	G2″	1,900	1,800 x 1,200 x 1,620	
			9.6	339.0	8					
			8.7	307.2	10					
			7.5	264.9	13					

PLC Intelligent Control System

Linkage

This function is for delivering stable air supply by controlling the multiple units of compressors.
One main compressor adjusts the other compressors connecting each other.

Remote Control

Remote control for air compressors can be worked by wire or wireless to use intelligent logic controller with micro-computer.

Extended Function

All BUMA compressors could control wherever and provide current information available at all time online to you. This is definitely saving time and human resource.

Air-Solution : Computer Display Monitor

- Only Main compressor needs to connect to a computer using LAN cable for the convenient control at your office.
- Connected computer can easily control all other compressors.
- This provides monitoring function of displaying unusual operation and a map of line pressure and optimized performance.
- Not only this makes possible to remote control but also get performance measurement data from intelligent control system.

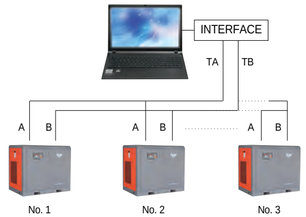
Air-Solution : Remote Control on Touch Screen

- Main compressor connects to compact touch screen controller by LAN cable and controls in the limited area.
- This controller can adjust air compressor and air exhaust valves.
- On the touch screen, all information you will have is the same as computer connecting system.

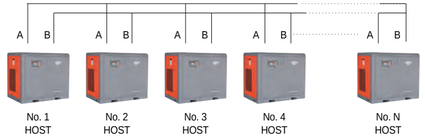
ComD-Keeper : Comp- Keeper : SMS System

- This system serves you to get SMS message when air compressors are malfunction or need maintenance.
- Maximum 18 cell phone numbers can be added as the alarm list.
- The alarm message is available in multiple language with your setting.

Computer control



Linkage control



V Series /

Inverter Speed Control Type

Energy Saving

Energy Saving

Max. 30%

Comparison of Running Cost for 5 Years

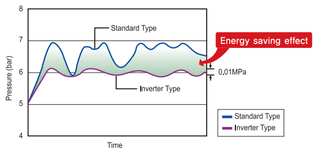
Max. 30% Energy Saving
Feasible From
BUMATEC V Series Compressor

The demand of compressed air is varied every time depend on loading condition and the fluctuation rate is 40~80%. With application of Inverter Control system, the compressed air can be produced accurately according to the demand. And eventually it can make much energy saving compared to normal compressor.

Fast reaction for demand of air volume and pressure through constant voltage control

Through the control of the constant voltage under 0.01MPa, it can produce the compressed air required accurately and it leads to much energy saving.

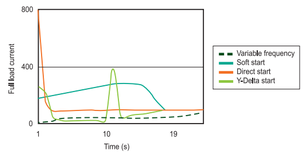
■energy saving comparison between standard type and inverter type



Variable Frequency Soft Start with no Current Spike

Variable frequency soft start in BUMATEC V Series compressors prevents current spike in power starting. Through adjusting speed gradually, it is able to remove the current spike and improve the flexibility of the power supply.

■No peak current



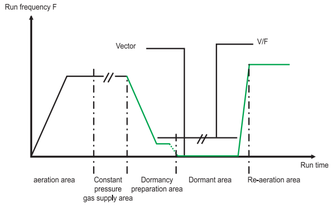
As back-up system, when the inverter is out of order, the starting method can be converted to normal Y-Delta start and it prevent any loss time of production.

Inverter Duty Motor

Inverter Duty Motor was designed for optimized performance to run with variable frequency drive. The Inverter Duty Motor is equipped with independent cooling fan to run the motor in wide speed range without any heating problem.

High-Performance Real Current Vector Control Inverter

- Featuring high starting torque and little running current
- Energy Saving Pause Function in quite low air demand
- Extremely wide range speed control enables motor to run in low temperature at low speed
- Built-in type current reactor restrains RF (Radio Frequency) and harmonic interference, and provides protection function for users such as voltage, current, temperature, ground and short-circuit. ***applicable for models of capacity over 18.5kW.



V Series Inverter Screw Compressor

(380V, 50Hz)

Model	Motor Power (Kw)	Motor Power (HP)	Flow Meter (m³/min)	Flow Meter (ft³/min)	Pressure (bar)	Lub Oil (ℓ)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)	
BFB11V	11	15	0.4-2.0	14.1-70.6	7	8	G3/4″	320	800 x 720 x 830	
			0.3-1.6	11.3-56.5	8					
			0.3-1.4	9.9-50.1	10					
BFB15V	15	20	0.5-2.5	17.7-88.3	7	10		430	1,150 x 850 x 1,100	
			0.5-2.3	16.2-81.2	8					
			0.4-2.0	14.1-70.6	10					
BFB18.5V	18.5	25	0.6-3.1	21.9-109.5	7			450		
			0.6-2.9	20.5-102.4	8					
			0.5-2.6	18.4-91.8	10					
BFD22V	22	30	0.8-3.8	26.8-134.2	7	12	G1″	600	1,300 x 950 x 1,270	
			0.7-3.6	25.4-127.1	8					
			0.6-3.0	21.2-105.9	10					
BFD30V	30	40	1.0-5.2	36.7-183.6	7	20	G1-1/2″	800	1,550 x 1,000 x 1,380	
			1.0-5.0	35.3-176.6	8					
			0.9-4.5	31.8-158.9	10					
BFD37V	37	50	1.3-6.5	45.9-229.5	7			850		
			1.2-6.2	43.8-219.0	8					
			1.1-5.7	40.3-201.3	10					
BFD45V	45	60	1.6-8.0	56.5-282.5	7			1,000		
			1.5-7.5	53.0-264.9	8					
			1.4-6.9	48.7-243.7	10					
BFD55V	55	75	2.1-10.3	72.7-363.7	7	40	G2″	1,700	1,700 x 1,100 x 1,520	
			1.9-9.6	67.8-339.0	8					
			1.7-8.7	61.4-307.2	10					
BFD75V	75	100	2.7-13.5	95.3-476.7	7	50		2,000	2,100 x 1,200 x 1,620	
			2.5-12.5	88.3-441.4	8					
			2.2-11.2	79.1-395.5	10					
BFD90V	90	125	3.3-16.3	115.1-575.6	7	60	DN50	2,200	2,200 x 1,350 x 1,650	
			3.2-15.9	111.6-561.5	8					
			2.8-14.0	98.9-494.4	10					
BFD110V	110	150	4.2-21.0	148.3-741.6	7	75	DN65	3,500	2,500 x 1,500 x 1,950	
			4.0-20.0	141.2-706.3	8					
			3.4-17.0	120.1-600.3	10					
BFD132V	132	180	4.7-23.5	166.0-830.0	7					
			4.5-22.5	158.9-794.6	8					
			4.2-21.0	148.3-741.6	10					
BFD160V	160	220	5.6-28.0	197.8-988.8	7	85	DN80	4,200	2,800 x 1,720 x 1,920	
			5.4-27.0	190.7-953.5	8					
			5.0-25.0	176.6-882.9	10					
BFD185V	185	250	6.4-32.0	226.1-130.1	7			4,500		
			6.0-30.0	211.9-1,059.4	8					
			5.6-27.8	196.3-981.7	10					
BFD250V	250(2P)	340	8.7-43.5	307.2-536.2	7	100	DN100	5,200	3,300 x 2,000 x 2,150	
			8.4-41.8	295.2-1,476.2	8					
			7.6-38.0	268.4-1,342.0	10					
BFD250V	250(4P)	340	10.3-46.8	363.7-1,652.7	7			5,500		
			9.4-45.2	332.0-1,596.2	8					
			8.2-41.0	289.6-1,447.9	10					

BPM Series / Permanent Magnet Motor Type

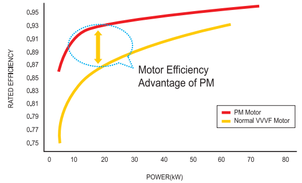
Energy Saving

Energy Saving

Max. 42%

BUMATEC Permanent Magnet Motor

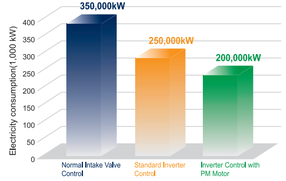
Permanent Magnet (PM) Motor has no motor bearing and make 100% transmission efficiency. And application of good quality permanent magnet (NdFeB) which does not loss the excitation even at 120℃ provides much longer durability.
Inverter duy enamel coating coil which prevents corona discharge enables to provide better electric insulation and longer durability.



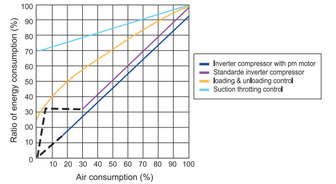
Variable Frequency Control with Permanent Magnet Motor

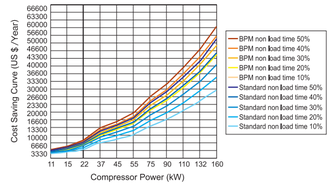
PM Motor Type compressor with variable frequency control (Inverter Control) is available to save energy from 6 to 7% more than normal Inverter Type Compressor. BUMATEC BPM series can be also operated in wide range (low load) of revolution and it can make energy saving maximum 42% compared to normal compressor of fixed frequency.

Annual Cost Saving Comparison between BPM Series & Normal Inverter Compressor



- 55kW Compressor, Air Consumption Rate 50%
- Operation for 6,000hrs per year
- Operating Pressure 7bar (Unit Outlet Pressure)





- Operation for 6,000hrs per year
- Electricity Cost of U$0.17/kWh
- The above data is based on theoretical calculation

BPM Series Inverter Compressor With PM Motor

(380V, 50Hz)

Model	Motor Power (Kw)	Motor Power (HP)	Flow Meter (m³/ min)	Flow Meter (ft³/min)	Pressure (bar)	Lub Oil (ℓ)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)	
BPM15	15	20	0.4-2.3	12.4-81.2	8	10	G3/4″	350	1,115 x 850 x 1,100	
			0.3-2.0	10.9-71.7	10					
BPM22	22	30	0.6-3.7	19.8-131.0	8	12	G1″	500	1,300 x 950 x 1,270	
			0.5-3.4	18.4-120.8	10					
BPM37	37	50	1.0-6.9	36.4-242.3	8	20	G1-1/2″	750	1,550 x 1,000 x 1,380	
			0.9-6.0	32.1-210.1	10					
BPM45	45	60	1.3-8.8	46.6-310.4	8	40	G2″	1,200	1,700 x 1,100 x 1,520	
			1.2-7.7	41-273.0	10					
BPM55	55	75	1.6-10.7	57.6-379.3	8					
			1.4-9.3	49.4-329.1	10					
BPM75	75	100	2.1-13.8	73.1-487.3	8	50		1,500	2,100 x 1,200 x 1,620	
			1.8-12.0	63.9-423.8	10					
BPM90	90	125	2.5-16.3	86.5-576.7	8	60	DN50	1,900	2,200 x 1,350 x 1,650	
			2.1-13.7	72.4-482.0	10					
BPM110	110	150	3.0-20.2	107.0-713.4	8	75	DN65	3,000	2,500 x 1,500 x 1,950	
			2.7-17.9	95.0-632.1	10					
BPM132	132	180	3.6-24.1	127.8-851.1	8					
			3.2-21.3	113.4-752.2	10					

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BUMATEC Screw Air Compressor

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Direct Dirve Coupling Type -	BFD Series
Belt Drive Type -	BFB Series
Inverter Type -	V Series
Permanent Magnet Motor Type -	BPM Series
Low pressure Type -	BLD Series
2-Stage High Pressure Type -	BHHD Series

BLD Series / Low Pressure Type
Innovation

Cost Saving by BUMATEC Low Pressure Compressor

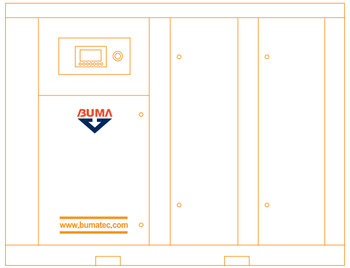
Normally in the industries such as textile, cement, chemical fiber and glass production, required pressure for air is lower than 5 bar. BUMATEC BLD series compressors which are available for providing low pressure range 3~5 bar with much increased air flow compared to 7~8 bar normal compressors enable customers to have remarkable cost saving up to 30%

BUMATEC Low Pressure Mechanism

- Through application of big rotor and direct connection between motor and airend, it is able to achieve low speed running and ensure high performance.

- And BUMATEC's unique design of air oil separator tank guarantee the outlet oil content less than 3ppm or even equal.

- In order to supply the lubricant properly in the very low pressure condition, independent lubricant injection pump was installed and it provides the best mixing ration of oil and air.



BLD Series Pressure Screw Compressor

(380V, 50Hz)

Model	Motor Power (KW)	Motor Power (HP)	Flow Meter (m³/min)	Flow Meter (ft³/min)	Pressure (bar)	Lub Oil (ℓ)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)	
BLD37-10.7/3	37	50	10.7	377.9	3	60	G2″	1,500	1,700 x 1,100 x 1,520	
BLD45-12.9/3	45	60	12.9	455.6	3	60	DN65	2,000	2,200 x 1,350 x 1,650	
BLD55-16.9/3	55	75	16.9	596.8	3	100	DN80	2,500	2,200 x 1,350 x 1,650	
BLD75-20.2/3	75	100	20.2	713.4	3	100	DN80	2,800	2,500 x 1,500 x 1,950	
BLD90-23.0/3 (2 P)	90	120	23.0	812.2	3	100	DN80	3,200	2,500 x 1,500 x 1,950	
BLD90-28.3/3 (4 P)	90	120	28.3	999.4	3	220	DN125	3,600	2,800 x 1,800 x 2,200	
BLD110-28.5/3	110	150	28.5	1,006.5	3	220	DN125	3,800	2,800 x 1,800 x 2,200	
BLD132-32.4/3 (2 P)	132	180	32.4	1,144.2	3	220	DN125	4,000	2,800 x 1,800 x 2,200	
BLD132-45.5/3 (4 P)	132	180	45.5	1,606.8	3	440	DN125	4,800	3,400 x 2,000 x 2,200	
BLD160-42.8/3	160	220	42.8	1,511.5	3	440	DN125	5,200	3,400 x 2,000 x 2,200	
BLD45-10.7/5	45	60	10.7	377.9	5	35	G2″	1,500	1,700 x 1,100 x 1,520	
BLDSS-12.9/5	55	75	12.9	455.6	5	60	DN65	2,200	2,200 x 1,350 x 1,650	
BLD75-16.9/5	75	100	16.9	596.8	5	60	DN65	2,500	2,200 x 1,350 x 1,650	
BLD90-20.2/5	90	120	20.2	713.4	5	100	DN80	3,000	2,500 x 1,500 x 1,950	
BLD110-23.0/5	110	150	23.0	812.2	5	100	DN80	3,300	2,500 x 1,500 x 1,950	
BLD132-28.5/5	132	180	28.5	1,006.5	5	220	DN125	4,000	2,800 x 1,800 x 2,200	
BLD160-32.4/5	160	220	32.4	1,144.2	5	220	DN125	4,200	2,800 x 1,800 x 2,200	
BLD185-42.8/5	185	250	42.8	1,511.5	5	440	DN125	5,400	3,400 x 2,000 x 2,200	

BHHD Series / 2-stage Airend Type
High Pressure

Long Durability

Compared to Piston Type Compressor, Screw Type Compressors provide longer durability of the products.

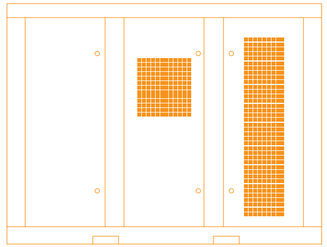
Low Noise

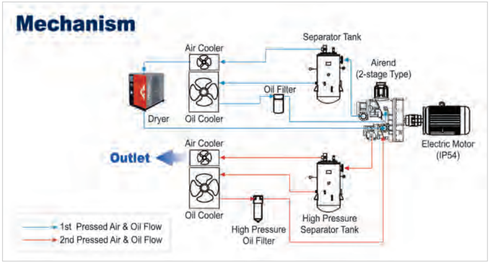
Compared to Piston Type Compressor, Screw Type Compressors provide low noise. BUMA 2-stage high pressure compressor is controlled in soundproof under 80 dB(A)

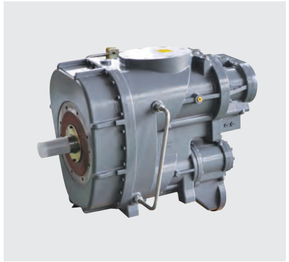
High Efficiency

Compared to Piston Type Compressor, Screw Type Compressors provide stable airflow and pressure

2-stage High Pressure Compressor is applicable to Industries required high pressure air (30 ~ 40bar) such as PET Bottle and Refinery.







Through the mechanism of **2-stage air compressing**, screw type compressor is available to generate **high pressure of 30~40bar.**

BHHD Series 2-stage high pressure compressor

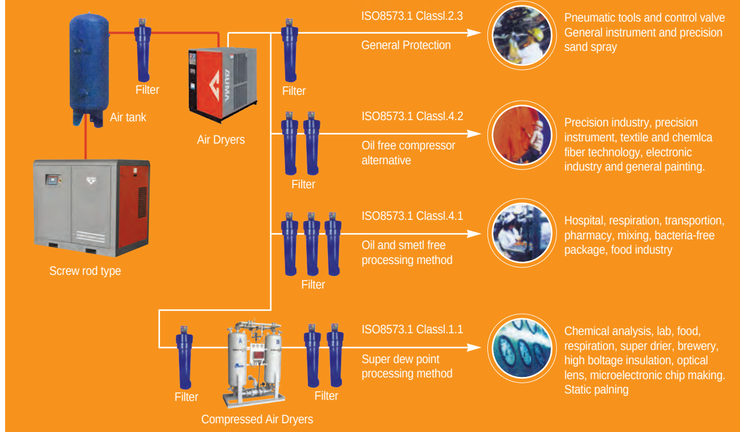
(50Hz)

Model	Motor Power (kW)	Motor Power (HP)	Pressure (bar)	Flow Meter (m^3/ min)	Flow Meter (ft^3/min)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)
BHHD75-30	75	100	30	6.0	211.9	G1˝	2,200	2,200 x 1,900 x 1,720
BHHD75-35	75	100	35	5.9	208.7	G1˝	2,200	2,200 x 1,900 x 1,720
BHHD90-40	90	125	40	5.8	205.5	G1˝	2,500	2,200 x 1,900 x 1,720
BHHD132-30	132	180	30	10.1	357	DN40	3,100	3,650 x 1,950 x 2,060
BHHD132-35	132	180	35	10.1	356	DN40	3,100	3,650 x 1,950 x 2,060
BHHD160-40	160	220	40	10.0	354.2	DN40	3,500	3,650 x 1,950 x 2,060

(60Hz)

Model	Motor Power (kW)	Motor Power (HP)	Pressure (bar)	Flow Meter (m^3/ min)	Flow Meter (ft^3/min)	Outlet Diameter	Weight (Kg)	Dimension L x W x H (mm)
BHHD90-30	90	125	30	7.2	254.3	G1˝	2,200	2,200 x 1,900 x 1,720
BHHD90-35	90	125	35	7.1	250.4	G1˝	2,200	2,200 x 1,900 x 1,720
BHHD110-40	110	150	40	7.0	246.5	G1˝	2,500	2,200 x 1,900 x 1,720
BHHD160-30	160	220	30	12.2	431.9	DN40	3,100	3,650 x 1,950 x 2,060
BHHD160-35	160	220	35	12.2	429.1	DN40	3,100	3,650 x 1,950 x 2,060
BHHD185-40	185	250	40	12.1	425.5	DN40	3,500	3,650 x 1,950 x 2,060

Configuration of Air Disposal Equipment



Global services

BUMATEC Screw Air Compressor

Reliable Partner

BUMATEC advises customers to select the most suitable air compressor based on technical data, customer's demand, environmental factors and community regulation. Additionally BUATEC conducts field diagnosis of customer's air compressor system configuration, proper operation and etc according to customer's request.

Customer's Satisfaction

- BUMATEC dispatches service engineer as soon as the ordered equipment is arrived in the site for installation and training for operation and maintenance.
- BUMATEC takes care of supplied equipment tracking the record and provides the customizing services.
- BUMATEC provides services in a timely manner for technical advices, trouble shooting and spare parts supply upon request from customers.

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