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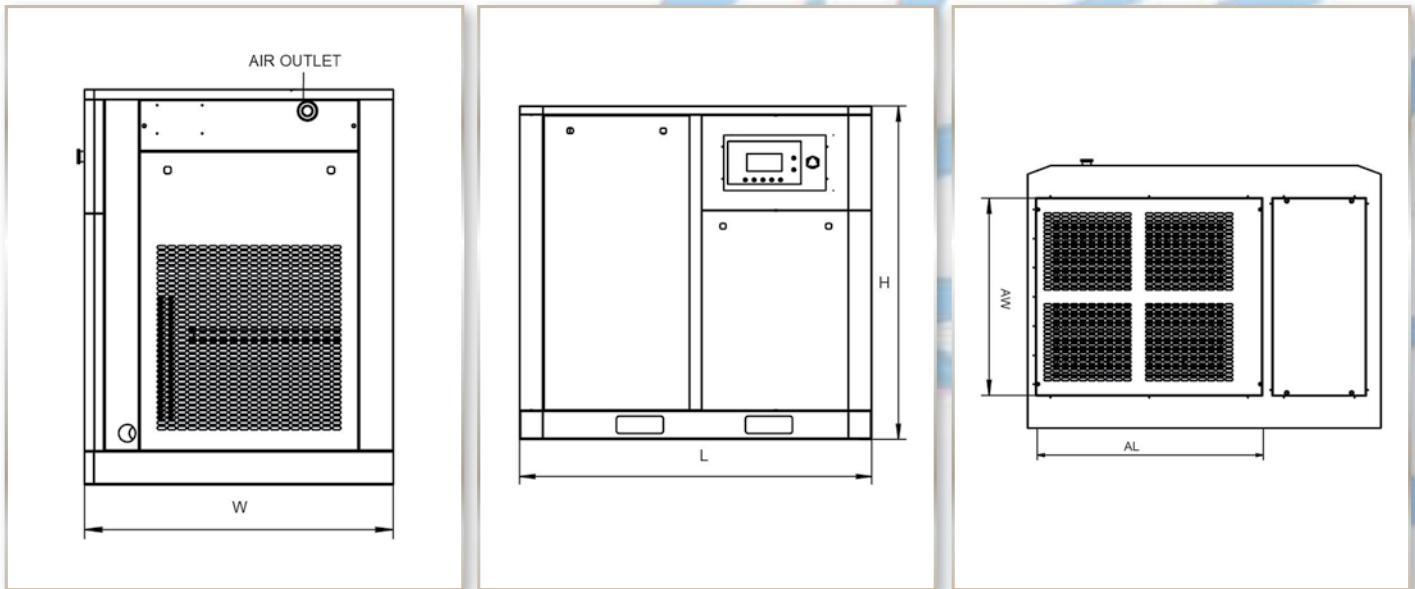
BC – AV SERIES VARIABLE SPEED DRIVE AIR-COOLED ROTARY SCREW AIR COMPRESSOR

- Low noise cooling fan generates a laminar, high volume, low speed cooling air flow at extremely low noise levels
- Eliminating the inefficient transition period from full to no load power
- Avoiding excessive off-load power consumption
- Reducing overall average working pressure
- Variable Speed Drive (VSD) – Automatically adjusting the motor speed depending on demand
- Variable Speed Drive (VSD) can reduce energy costs by 30% or more
- Equipped with Star-Delta back up system in case of soft start failure
- On-screen delayed second stop function and VSD savings indication
- As the demand goes down, the VSD lowers the electrical power consumption
- VSD reduce energy consumption to a minimum
- VSD performs a soft start without current peaks, avoiding penalties from the electricity company
- Intelligent control system
- Fault detection and protection of micro-computer controller
- Simple installation and easy to operate
- Less maintenance and operation cost



*Picture for illustration purposes only

BC – AV SERIES VARIABLE SPEED DRIVE AIR-COOLED ROTARY SCREW AIR COMPRESSOR



BC – AV Series Variable Speed Drive Air-Cooled Rotary Screw Air Compressor Technical Specification

Model		BC-15AV	BC-20AV	BC-30AV	BC-50AV	BC-75AV	BC-100AV	BC-120AV	BC-150AV	BC-175AV	BC-220AV	
Motor Power	KW	11	15	22	37	55	75	90	110	132	150	
	Hp	15	20	30	50	75	100	120	150	175	200	
Free Air Delivery (m ³ /min) / Discharge Pressure (bar)	7 bar	0.4 - 2.0	0.5 - 2.5	0.8 - 3.8	1.3 - 6.5	2.1 - 10.3	2.7 - 13.5	6.4 - 16.1	8.4 - 21.0	10.0 - 25.2	11.5 - 28.7	
	8 bar	0.3 - 1.6	0.5 - 2.3	0.7 - 3.6	1.2 - 6.2	1.9 - 9.6	2.5 - 12.5	6.0 - 15.0	7.9 - 19.8	9.6 - 24.0	11.0 - 27.6	
	10 bar	0.3 - 1.4	0.4 - 2.1	0.6 - 3.0	1.1 - 5.7	1.7 - 8.7	2.2 - 11.2	5.5 - 13.8	6.8 - 17.0	8.4 - 21.0	9.8 - 24.6	
Noise (dB(A))		60 - 64		62 - 66		66 - 70		70 - 74		73 - 78		
Cooling Mode		Air Cooling										
Starting Method		A) Inverter Soft Start					B) Y-Δ Starter					
Driving Way		Multivee Belt			Direct Drive							
Dimension (mm)	L	1160	1160	1200	1560	1800		2100	2500	2700		
	W	800	800	900	1000	1070		1400	1450	1550		
	H	1075	1075	1150	1365	1490		1780	1800	1800		
	AL	664	664	767	890	1037	1127	1436	1776			
	AW	599	599	677	757	907	947	946	1236			
Weight (kg)		400	420	650	1000	1650	1820	1950	2150	3050	3480	
Lubricant (L)		10		14.5	20	45		75		85		
Air Outlet Pipe		Ø¾"		Ø1"	Ø1½"	Ø2"		DN65		DN80		