



# BENG CHUAN MACHINE PTE LTD

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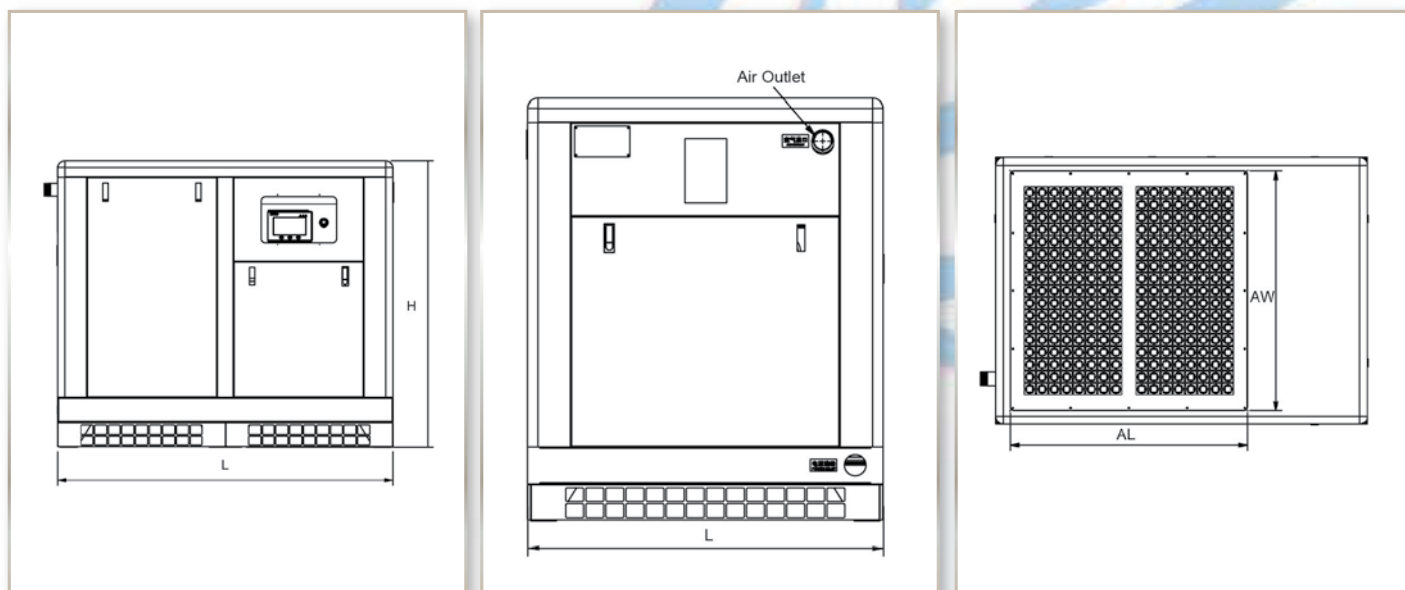
## BD – PM SERIES PERMANENT MAGNET MOTOR INVERTER SCREW AIR COMPRESSOR

- Low noise cooling fan generates a laminar, high volume, low speed cooling air flow at extremely low noise levels
- Low temperature rise
- High efficiency PM motor
- Wider frequency range and open-loop vector control
- Due to intelligent inverter technology, PM VFD air compressor saves energy up to 42%
- 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

# BD – PM SERIES PERMANENT MAGNET MOTOR INVERTER SCREW AIR COMPRESSOR



## BD – PM Series Permanent Magnet Motor Inverter Screw Air Compressor Technical Specification

Model		BD-10PM	BD-15PM	BD-20PM	BD-30PM	BD-50PM	BD-75PM	BD-100PM	BD-125PM	BD-150PM	BD-175PM	BD-200PM
Motor Power	KW	7.5	11	15	22	37	55	75	90	110	132	160
	Hp	10	15	20	30	50	75	100	125	150	175	200
Free Air Delivery (m <sup>3</sup> /min) / Discharge Pressure (bar)	7 bar to 10 bar	0.36 to 1.35	0.46 to 1.8	0.8 to 2.6	1.0 to 3.8	1.9 to 6.8	3.0 to 11.0	4.5 to 15.0	5.0 to 16.8	6.5 to 21.5	7.6 to 25.3	8.9 to 29.7
	Noise (dB(A))	62±2		65±2			68±2		75±2			
Cooling Mode	Air Cooling											
Starting Method	Inverter Soft start											
Driving Way	Direct Driven											
Dimension (mm)	L	900	1020	1250	1450	1600	1800	1900	2200	3184		
	W	600	710	800	900	1150	1250	1250	1550	1884		
	H	820	1020	1120	1250	1370	1550	1650	1800	1740		
	AL	541	601	741	866	1021	1181		1294	1678		
	AW	481	561	694	793	1034	1121		1394	753		
Weight (kg)	180	286	400	450	610	930	1080	1280	2880	3080	3900	
Lubricant (L)	4	9	16	20	30	50		72	112			
Air Outlet Pipe	Ø½"	Ø1"	Ø1¼"		Ø1½"	Ø2"			DN80	DN100		