

Prime Cat

PRIME ENTERPRISE
www.primeenterprise1998.com

Screw Air Compressor

Prime Enterprise is a leading importer of Screw Air Compressor and Spare Parts in Bangladesh. We have 26 years of reputable service experience and we have a team of skilled technicians who will ensure you uninterrupted service.

Currently the products we supply are * Screw Air Compressor * Air Dryer * Piston Air Compressor * High Pressure car washer * Construction equipment * Tyre changer * Water pump, Matpump, Submersible pump * Welding machine * Generator * Forklift * Spare Parts.

We hope you will enjoy our Service.



2024 version

3.7- 315 kW



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TECHNICALPARAMETERS (BNS-DD SERIES)

Model	Power KW	Air Delivery m/min			Measure LxWxH			Net Weight KG
		0.8 Mpa	1. 0 Mpa	1. 2 Mpa	Length	Width	Height	
A10A	7.5	1.2	1.0	0.9	800	700	930	188
A15A	11	1.7	1.5	1.3	1080	700	1000	245
A20A	15	2.4	2.2	1.9	1080	750	1000	450
A25A	18.5	3.0	2.7	2.4	1880	850	1180	420
A30A	22	3.6	3.2	2.8	1880	850	1180	456
A40A	30	5.0	4.5	4.0	1500	850	1160	470
A50A	37	6.2	5.6	5.0	1500	100	1330	650
A60A	45	7.2	6.2	5.6	1900	1050	1380	710
A75A	55	10.0	8.5	7.5	1900	1310	1680	1185
A100A	75	13.0	11.3	10.5	1900	1310	1680	1250
A120A	90	16.0	14.5	13.0	2080	1310	1690	1950
A132A	110	20.0	18.5	17.8	2500	1470	1840	2700
A150A	132	24.0	21.5	19.5	2550	1550	1890	2900

TECHNICALPARAMETERS (VSD SCREW AIR COMPRESSOR)

Model	Power KW	Air Delivery m/min	Measure L x W x H			Net Weight KG
		0.8 Mpa	Length	Width	Height	
B10A	7.5	1.2	800	700	930	188
B15A	11	1.7	1080	700	1000	245
B20A	15	2.4	1080	750	1000	450
B25A	18.5	3.0	1880	850	1160	420
B30A	22	3.6	1880	850	1160	456
B40A	30	5.0	1500	850	1160	470
B50A	37	6.2	1500	100	1330	650
B60A	45	7.2	1900	1050	1380	710
B75A	55	10.0	1900	1310	1680	1185
B100A	75	13.0	1900	1310	1680	1250

Remark: VSD customizing Supported MOTOR: IP55 PM motor



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2TF SERIES

Technical Parameter

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Two-Stage Fixed Speed Screw Air Compressor

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
2TF55-8	8	116	11.60	409	75	55	DN50	1870	2590*1500*1640
2TF55-10	10	145	11.30	399					
2TF55-13	12.5	181	9.00	318					
2TF75-8	8	116	15.60	551	100	75	DN50	1940	2590*1500*1640
2TF75-10	10	145	11.60	409					
2TF75-13	12.5	181	11.30	399					
2TF90-8	8	116	18.50	653	120	90	DN65	2170	2990*1700*1963
2TF90-10	10	145	15.20	537					
2TF90-13	12.5	181	14.50	512					
2TF110-8	8	116	21.00	742	150	110	DN65	2330	2990*1700*1963
2TF110-10	10	145	18.50	653					
2TF110-13	12.5	181	16.00	565					
2TF132-8	8	116	24.70	872	175	132	DN65	2415	2990*1700*1963
2TF132-10	10	145	21.30	752					
2TF132-13	12.5	181	18.50	653					
2TF160-8	8	116	31.00	1095	200	160	DN80	3970	3450*1880*2120
2TF160-10	10	145	26.00	918					
2TF160-13	12.5	181	24.70	872					
2TF185-8	8	116	35.50	1254	250	185	DN80	4000	3450*1880*2120
2TF185-10	10	145	31.00	1095					
2TF185-13	12.5	181	26.00	918					

Technical parameter of low pressure two stage PM VSD frequency conversion screw air compressor

Model	Power (KW)	Pressure (MPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
B15A-PMII	11	0.4	3.2	G1	500	1300x980x1220
		0.5	2.8			
B20A-PMII	15	0.4	4.2	G1	550	1300x980x1220
		0.5	3.6			
B25A-PMII	18.5	0.4	4.5	G1 1/2	700	1400x1100x1450
		0.5	4.2			
B30A-PMII	22	0.4	6.2	G1 1/2	800	1400x1100x1450
		0.5	5.8			
B40A-PMII	30	0.4	8.5	G1 1/2	850	1400x1100x1450
		0.5	7.5			
B50A-PMII	37	0.4	10.3	G2 1/2	1600	2100x1440x1650
		0.5	9.5			
B60A-PMII	45	0.4	12.2	G2 1/2	1650	2100x1440x1650
		0.5	11.5			
B75A-PMII	55	0.4	15.5	DN65	2350	2100x1440x1650
		0.5	14.5	G2 1/2	1700	
B100A-PMII	75	0.4	20.5	DN80	2800	2600x1900x1890
		0.5	19.5	DN65	2400	2450x1700x1765
B125A-PMII	90	0.4	24.5	DN80	2800	2600x1900x1890
		0.5	23.0			
B150A-PMII	110	0.4	28.0	DN80	2900	2600x1900x1890
		0.5	27.5			
B180A-PMII	132	0.4	38.0	DN100	4000	3250x2100x2200
		0.5	35.0			

Model with letter "W" mean water cooled type

- According to the standard of GB 19153-2009
- Compressor stage: Two stage compression
- Standard power supply: 380V/50Hz/3Ph
- Exhaust temperature: ambient temperature +150

Please contact us for any specification that is not within the above mentioned standards.



Technical Parameter

CA Series Air Cooled Permanent Magnet VSD Screw Air Compressor

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw		kgs	mm
CA7.5-8	8	116	1.1	38	10	7.5	G1"	280	1050*600*1125
CA7.5-10	10	145	0.9	31					
CA11-8	8	116	1.6	56	15	11	G1"	295	1050*600*1125
CA11-10	10	145	1.4	49					
CA15-8	8	116	2.6	91	20	15	G1-1/2"	425	1200*650*1500
CA15-10	10	145	2.0	70					
CA22-8	8	116	3.6	127	30	22	G2"	860	1580*1160*1600
CA22-10	10	145	3.0	106					
CA30-8	8	116	5.0	176	40	30	G2"	930	1580*1160*1600
CA30-10	10	145	4.3	151					
CA37-8	8	116	6.5	229	50	37			
CA37-10	10	145	5.4	190					
CA45-8	8	116	7.5	265	60	45			
CA45-10	10	145	6.5	229					
CA55-8	8	116	10.0	353	75	55			
CA55-10	10	145	8.0	282					
CA75-8	8	116	12.5	441	100	75			

Technical Parameter

CY Series Oil Cooled Permanent Magnet VSD Screw Air Compressor

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw		kgs	mm
C15Y-7	7	102	2.5	88	20	15	G1"	280	1050*600*1125
C15Y-8	8	116	2.6	91					
C15Y-10	10	145	2.0	70					
C22Y-7	7	102	3.8	134	30	22	G1"	295	1050*600*1125
C22Y-8	8	116	3.6	127					
C22Y-10	10	145	3.0	106					
C37Y-7	7	102	6.7	236	50	37	G1-1/2"	425	1200*650*1500
C37Y-8	8	116	6.5	229					
C37Y-10	10	145	5.4	190					
C55Y-7	7	102	10.2	360	75	55	G2"	860	1580*1160*1600
C55Y-8	8	116	10.0	353					
C55Y-10	10	145	8.0	282					
C75Y-7	7	102	13.2	466	100	75	G2"	930	1580*1160*1600
C75Y-8	8	116	12.5	441					
C75Y-10	10	145	10.0	353					



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