



FIX SPEED SERIES

AIR COMPRESSOR



BTD FIX SPEEDS Series

Economical operating

The system adopts step less adjustment of 0-100% exhaust volume. When the air consumption decreases the exhaust volume decreases, and the current of the motor also decreases: When the air is not in use. The air compressor runs empty, and the empty car automatically stops for too long. When the gas consumption increases, the heavy vehicle is restored. Optimal energy saving.

Environmental adaptability

Extraordinary cooling system design, especially suitable for Asian high temperature and high humidity environment. Excellent vibration isolation technology and noise reduction measures make the installation of BESTRAND screw air compressor without a special foundation, as long as the minimum ventilation and maintenance space is left, you can place your compressor.

Design features of screw rotor profile:

1. Fully realize the "'surface-to-surface" meshing, thereby helping to form a hydrodynamic lubrication film. reduce the lateral leakage through the contact belt, and improve the compressor efficiency, and improve the processing and inspection performance of the rotor.

2. The design idea of "large rotor, large bearing, low speed" is adopted, the speed is 30~50% lower than other brands, which can reduce noise and vibration, reduce exhaust temperature, improve rotor rigidity, extend service life, and reduce sensitivity to impurities and oil carbides.

3. Fully meet or even exceed the requirements of GB19153-2003 "Energy Efficiency Limit Value of Positive Displacement Air Compressor"



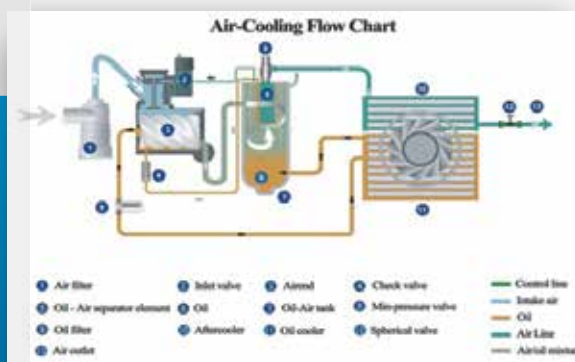
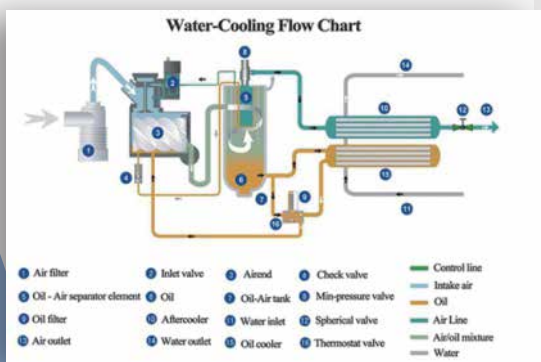
BTD FIX SPEEDS Series

product parameters

Screw air compressor											
Technical Data											
Model	Discharge Capacity (m³/min)				Motor Power	Power	Outlet Connection	Dimension (mm)			Weight
	7bar	8bar	10bar	13bar	(KW/HP)	V/Pb/Hz		L	W	H	(Kg)
Direct coupling type											
BTD 5.5A	0.8	0.74	0.66	0.56	5.5/7.5	380/3/50 or Customized	G3/4"	900	620	820	190
BTD 7.5A	1.15	1.06	0.85	0.65	7.5/10	380/3/50 or Customized	G3/4"	900	620	820	192
BTD 11A	1.91	1.71	1.47	1.18	11/15	380/3/50 or Customized	G1"	1100	720	850	275
BTD 15A	2.52	2.27	1.98	1.59	15/20	380/3/50 or Customized	G1"	1100	720	850	286
BTD 18.5A	3.07	2.85	2.42	2.0	18.5/25	380/3/50 or Customized	G1"	1300	800	990	370
BTD 22A	3.8	3.6	2.9	2.4	22/30	380/3/50 or Customized	G1"	1300	800	990	390
BTD 30A	5.1	5.0	4.2	3.5	30/45	380/3/50 or Customized	G1"	1380	850	1000	510
BTD 37A	6.5	6.45	5.2	4.0	37/50	380/3/50 or Customized	G1-1/2"	1520	900	1140	625
BTD 45A	7.2	7.1	6.35	5	45/60	380/3/50 or Customized	G1-1/2"	1520	900	1220	680
BTD 55A/W	9.35	9.25	7.5	6.4	55/75	380/3/50 or Customized	G2"	1900	1300	1500	1012
BTD 75A/W	12.1	12.0	10.0	9.0	75/100	380/3/50 or Customized	G2"	1900	1300	1500	1450
BTD 90A/W	15.1	15.0	12.0	11.0	90/120	380/3/50 or Customized	G2"	1900	1300	1500	1850
BTD 110A/W	18.96	18.9	14.8	14.0	110/150	380/3/50 or Customized	DN65	2200	1540	1800	2550
BTD 132A/W	21.76	21.7	18.75	14.5	132/175	380/3/50 or Customized	DN65	2200	1540	1800	2750
BTD 160A/W	27.3	27.2	22.5	21.3	160/215	380/3/50 or Customized	DN80	2700	1700	2000	3130
BTD 185A/W	29.5	29.4	27.0	22.3	185/250	380/3/50 or Customized	DN80	2700	1700	2000	3700
BTD 200A/W	35.2	34.8	31.6	26.5	200/270	380/3/50 or Customized	DN80	3300	1900	2100	4800
BTD 220A/W	38.3	38.1	29.2	28.9	220/300	380/3/50 or Customized	DN100	3400	2100	2300	5000
BTD 250A/W	42.2	42	37.7	31.9	250/355	380/3/50 or Customized	DN100	3400	2100	2300	5200
BTD 280A/W	52	50.6	42	37.9	280/375	380/3/50 or Customized	DN125	3400	2100	2300	5200
BTD 335A/W	64.5	62	57	49.6	355/450	380/3/50 or Customized	DN125	4100	2200	2300	7200

Two-Stage screw air compressor											
Technical Data											
Model	Discharge Capacity (m³/min)				Motor Power (KW/HP)	Power V/Pb/Hz	Outlet Connecti	Dimension(mm)			Weight (kg)
	7bar	8bar	10bar	13bar				L	W	H	
Direct coupling type											
BTD15A II	3.1	2.8	2.5	2.3	15/20	380/3/50 or customized	G1"	1400	900	1200	660
BTD18A II	3.5	3.4	2.7	2.4	18/25	380/3/50 or customized	G1"	1400	900	1200	680
BTD22A II	4.1	4	3.4	2.6	22/30	380/3/50 or customized	G1-1/2"	1400	900	1200	730
BTD30A II	5.94	5.89	4.04	3.87	30/40	380/3/50 or customized	G1-1/2"	1700	1100	1650	980
BTD37A II	6.88	6.82	5.74	5.27	37/50	380/3/50 or customized	G2"	1700	1100	1650	1080
BTD45A II	9.08	9.02	7.02	6.84	45/60	380/3/50 or customized	G2"	1700	1100	1650	1628
BTD55A II	12.15	12.12	10.22	8.8	55/75	380/3/50 or customized	G2"	2000	1400	1650	1700
BTD75A II	15.19	15.15	14.15	11.93	75/100	380/3/50 or customized	G2"	2000	1400	1650	2256
BTD90A II	19	18.9	16	15.08	90/120	380/3/50 or customized	DN65	2500	1540	1900	2280
BTD110A II	22.38	22.27	20.2	18.7	110/150	380/3/50 or customized	DN80	2500	1540	1900	3300
BTD132A II	26.53	26.39	23.69	20	132/175	380/3/50 or customized	DN80	3000	1700	2100	3450
BTD160A II	32.19	32.05	30.84	26.71	160/215	380/3/50 or customized	DN80	3000	1700	2100	3770
BTD185A II	38.63	38.54	34.89	30.31	185/250	380/3/50 or customized	DN125	3400	2100	2300	3990
BTD200A II	41.1	41	38.35	30.7	200/270	380/3/50 or customized	DN125	3400	2100	2300	4890
BTD220A II	43.85	43.75	40.8	34.36	220/294	380/3/50 or customized	DN125	3400	2100	2300	5500
BTD250A II	52.7	52.5	46	40.6	250/355	380/3/50 or customized	DN125	3700	2200	2400	6000
BTD280A II	59.84	56.12	54.15	44.85	280/375	380/3/50 or customized	DN125	3700	2200	2400	6500
BTD315A II	63.8	63.5	55.95	50.59	315/420	380/3/50 or customized	DN125	3700	2200	2400	7000
BTD355A II	81	80.67	70.69	63.87	355/450	380/3/50 or customized	DN125	3700	2200	2400	7800

Special air compressors and hydraulic motor driven air compressors can be customized according to customer requirements





HEAD OFFICE JAKARTA :

Komplek Gading Bukit Indah Blok V No. 23
Kelapa Gading - Jakarta Utara 14240
Indonesia
Telp : 021-29382790

BRANCH OFFICE BANDUNG :

Taman Holis Indah Blok E4 No. 21
Kel. Cigondewah Kidul Kec. Bandung Kulon
Bandung, Jawa Barat 40214
Indonesia
Telp : 022-20573429

BRANCH OFFICE SOLO :

Jl. Raya Solo Sragen KM.15 Dukuh Nglarangan RT.03/RW.01
Kel.Kebak, Kec. Kebakramat, Kab.Karanganyar, Jawa Tengah 57762
Indonesia
Telp : +62 271 601 2023

WORKSHOP :

Pergudangan Central Cakung Business PArk
Blok D No. 11 Jl. Cakung Cilincing Timur KM 3
Jakarta Utara 14140
Indonesia