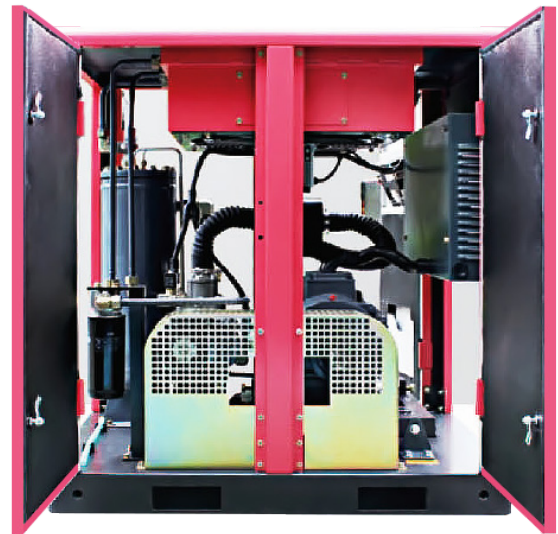


# Belt Driven Screw Compressor



High Efficiency

A belt drive air compressor has a belt that is connected to the motor. When the motor runs, the belt moves the pump through the pulleys. A lubricated belt system will run efficiently, smoothly and much quieter than a direct drive air compressor, also it is fully enclosed in a mute-box design with sound absorbing material that decreases noise further by 3-5dB(A).



High Reliability

The installation of a belt-driven air compressor is economical and straightforward. Maintenance is relatively simple for this type of compressor, which generally requires lubrication and belt tension checks. Maintenance cost is cheaper than direct drive air compressor because of the connection between the crankshaft and the motor in the direct-driven air compressor.



Low Noise

Specially designed belt cover that provide protection against touching the rotating belt in operation by accident. Belt cover can be removed easily for maintenance.

Model	Air Delivery (m <sup>3</sup> /min)				Motor kW	Air Outlet	Weight Kg	Dimensions (L x W x H) mm
	7 bar	8 bar	10 bar	12.5 bar				
<b>Oil-Injected: Belt Driven Double Screw Air Compressor</b>								
B10A	1.1	1	0.85	0.7	7.5	¾"	350	850x640x880
B15A	1.8	1.65	1.5	1.3	11	¾"	450	1150x750x1180
B20A	2.4	2.2	2.1	1.8	15	¾"	460	1150x750x1180
B25[A/W]	3.1	2.9	2.7	2.3	18.5	1"	620	1200x880x1450
B30[A/W]	3.8	3.6	3.2	2.5	22	1"	640	1200x880x1450
B40[A/W]	5.3	5	4.3	3.6	30	1¼"	900	1250x1000x1360
B50[A/W]	6.6	6.2	5.7	4.6	37	1¼"	1060	1350x1000x1640
B60[A/W]	8	7.7	6.9	6	45	1½"	1150	1300x1000x1470
B75[A/W]	10.5	9.8	8.7	7.3	55	2"	1750	1950x1320x1570
B100[A/W]	13.6	13	11.3	10.1	75	2"	1840	1950x1320x1570
B120[A/W]	16.2	15.4	13.2	11.2	90	2"	2030	2100x1320x1700

7 bar = 100 psig | 8 bar = 116 psig | 10 bar = 145 psig | 12.5 bar = 181 psig

Voltage: 415V 50Hz 3Ph etc. Product appearances, colours and specifications are subject to change without notice. E&OE.

# Direct Driven Screw Compressor



A direct drive air compressor has a crankshaft that is directly attached to the motor, without intermediate pulleys or belts, resulting in less energy lost during operation. This energy efficiency makes it suitable for heavy industrial uses. A precisely-made central bracket is used to keep the motor aligned permanently with the air end.

The discharge pipe is double-wall corrugated pipe, and the oilway uses a special high-pressure hose which is resistant to temperature up to 125°C. Direct-driven air compressors have fewer moving components than belt drive compressors, so fewer parts to replace when needed due to wear and tear.

Model	Air Delivery (m <sup>3</sup> /min)				Motor kW	Air Outlet	Weight Kg	Dimensions (L x W x H) mm
	7 bar	8 bar	10 bar	12.5 bar				
<b>Oil-Injected: Direct Driven Double Screw Air Compressor</b>								
D25[A/W]	3.1	2.9	2.7	2.3	18.5	1¼"	640	1380x850x1150
D30[A/W]	3.8	3.6	3.2	2.5	22	1¼"	640	1380x850x1150
D40[A/W]	5.3	5	4.3	3.6	30	1¼"	990	1450x990x1220
D50[A/W]	6.6	6.2	5.7	4.6	37	1½"	1060	1595x1000x1365
D60[A/W]	8	7.7	6.9	6	45	1½"	1150	1595x1000x1450
D75[A/W]	10.5	9.8	8.7	7.3	55	2"	1750	2100x1250x1700
D100[A/W]	13.6	13	11.3	10.1	75	2"	1840	2100x1250x1700
D120[A/W]	16.2	15.4	13.2	11.2	90	2"	2030	2100x1250x1700
D150[A/W]	20.8	19.5	16.5	13.7	110	DN65	2920	2545x1450x1900
D175[A/W]	24	23	20	15.5	132	DN65	3200	2545x1450x1900
D200[A/W]	27.8	26	23.5	19.5	160	DN65	3600	2790x1550x2000
D250[A/W]	32.5	31	26	21.6	185	DN80	3780	2790x1550x2000
D270[A/W]	34.5	33	28	23.5	200	DN80	4400	2850x1700x2000
D300[A/W]	38	36.5	32	27	220	DN100	4930	3150x2000x2120
D330[A/W]	43	40.5	36.5	32	250	DN100	5450	3150x2000x2120
D375[A/W]	51.5	50	45	37	280	DN125	6150	4000x2000x2120
D420[A/W]	56	55	49	41	315	DN125	7500	4600x2300x2400
D470[A/W]	64	62	54	46	355	DN150	8100	4600x2300x2400
D550[A/W]	73	70	61	52	400	DN150	8400	5000x2350x2400
D600[A/W]	81	79	70	59	450	DN150	9000	5500x2590x2800
D670[A/W]	89	87	77	67	500	DN200	9500	5500x2590x2800
D750[A/W]	102	98	87	77	560	DN200	10000	6500x2700x3000

7 bar = 100 psig | 8 bar = 116 psig | 10 bar = 145 psig | 12.5 bar = 181 psig

Voltage: 415V 50Hz 3Ph etc. Product appearances, colours and specifications are subject to change without notice. E&OE.