

Energy-saving Screw Air Compressor

Motor Power Range

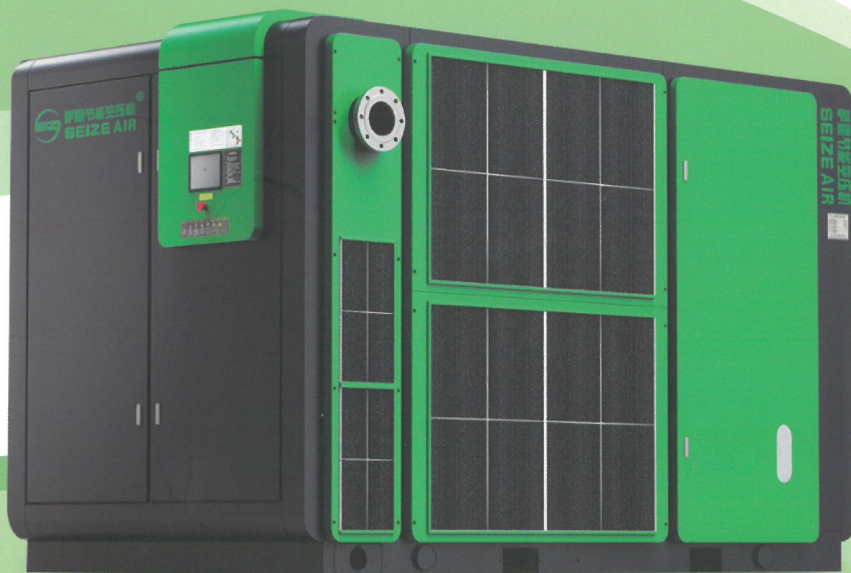
➤ 15kw ~ 560kw

Air Flow Capacity Range

➤ 0.50m³/min ~ 102.50m³/min

Pressure Range Range

➤ 2bar ~ 16bar



Seize Compressor (Shanghai) Co., Ltd.

COMPANY PROFILE

About Seize Compressor

SEIZE COMPRESSOR (SHANGHAI) CO., LTD

Seize Compressor (Shanghai) Co., Ltd., located in Jinshan High-tech Zone, Shanghai city, purchased 40 acres of land to build intelligent plants, was founded in 2009, pioneer of global energy saving air compressor! SEIZE integrates "R & D, manufacturing, marketing and service", our products have the advantage of "smarter, more energy-saving, more reliable, low noise", is a brand manufacturer focusing on energy-saving air compressors! Intelligent manufacturing, leading the future. As a high-tech, specialized and special new enterprise in Shanghai, SEIZE has independent core technology, obtained double invention patents for energy-saving air compressors, set up a national energy efficiency laboratory, adopts advanced production equipment such as



German KAPP grinding machine with global high precision and high efficiency, Okuma horizontal machining center in Japan, and is equipped with high-end testing equipment such as three coordinates, and the whole product line exceeds the national level of energy efficiency.

In the digital era, SEIZE helps carbon neutrality. As a leader in energy-saving air compressors in the industry, SEIZE integrates product energy-saving technology with digitalization to continuously help clients save energy, reduce carbon with green growth!



**MARKET FIRST,
PERFECTION AND
ENERGY SAVING**

*Seize—your best
partner of
compressed air
system solutions!*



CERTIFICATES AND PATENTS

CE Certificate



Brand Certificate



ISO Certificate



Patent
No. ZL201630115146.0



SEIZE has won more than
70 patents to this day

Patent
No. ZL20AV1620152558.6



Patent
No. ZL201620152558.6



Patent
No. ZL201620889318.4



Patent
No. ZL201621158997.4



Patent
No. ZL201621365506.X



PROCESSING EQUIPMENT



Germany Kapp Rotor Grinder



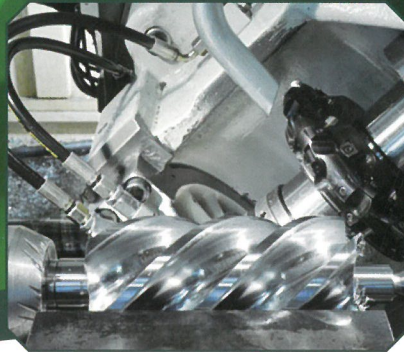
Japan Lokuma Processing Center



Constant Temperature Processing and Grinder



Germany Leitz Coordinate Measuring Machine



CBN Disks



Ceramically Bonded Disk



CBN Disks



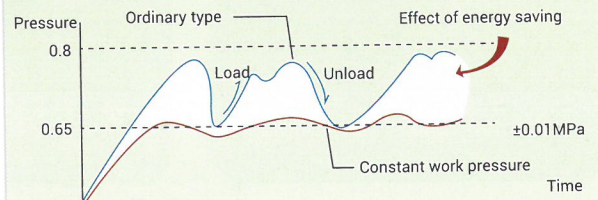
Ceramically Bonded Disk



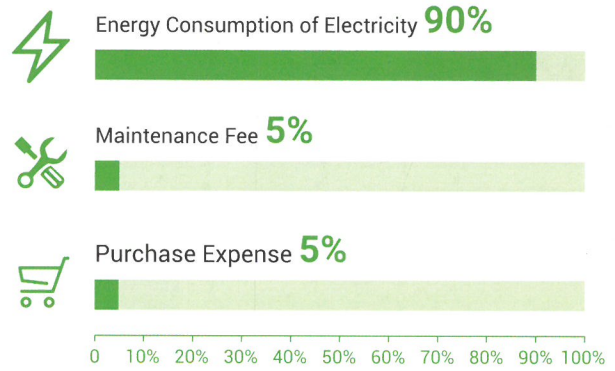
DEVELOPMENT OF AIR COMPRESSOR



2005 Advantage of inverter system



ANALYSIS OF COMPRESSORS' LIFE-CYCLE (10 YEARS) COST



Suppose a 75kw normal air compressor running for 10 years
 * Purchase cost: USD10,000
 * 10-year year maintenance cost: USD1000*2*10= USD20,000
 * 10-year electricity cost: 75*8000*10*USD0.1= USD600,000
 * 10-year total cost: 10,000+20,000+USD600,000= USD630,000
 ** Purchase cost covers 5% of total cost
 ** Maintenance cost covers 5% of total cost
 ** Electricity cost covers 90% of total cost

What is the most important issue to be considered before you selecting an air compressor ?
It must be energy-saving !

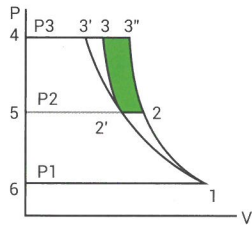


Since 2014
2-stage+PMM+VFD Initiated by SEIZE

Since 2013
2-stage Screw Type

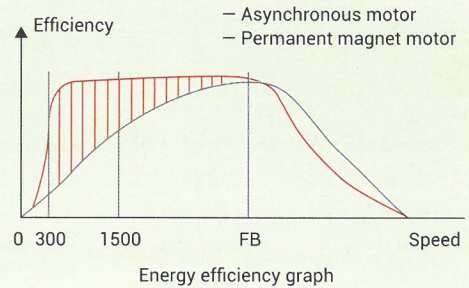
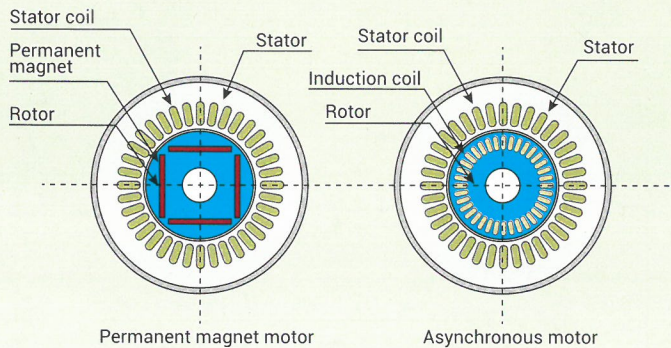
Air-end efficiency

2013 Why two-stage is more energy-saving than one-stage



12'3' is the process of isothermal compression
 123'' is the process of one-stage compression
 122'3' is the process of two-stage compression

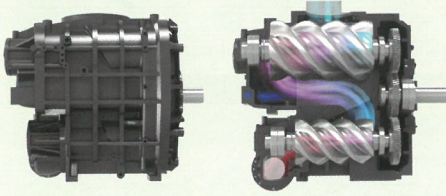
2012 Difference between permanent magnet motor and asynchronous motor



SCREW AIR COMPRESOR WITH TWO-STAGE COMPRESSION AIR-END

FEATURES AND ADVANTAGES

01

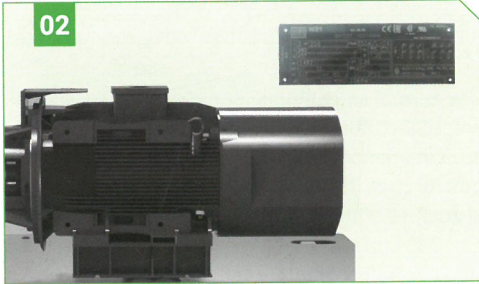


Feature:
Two-stage compression air-end

Advantage:
Low compression ratio
Low temperature rising
Low air leakage

Benefit:
15% energy-saving

02



Feature:
IE4 Permanent magnet motor /
IE4 WEG BRAND High-efficiency motor

Advantage:
Motor efficiency **97%**

Benefit:
5% energy-saving

03



Feature:
2-VFD System

Advantage:
Constant pressure output to remove pressure fluctuation and off-load
Constant temperature output at 80~85°C
Low starting current to protect components

Benefit:
15% energy-saving

04

Feature:
Customized pressure system

Advantage:
Avoid excess pressure waste

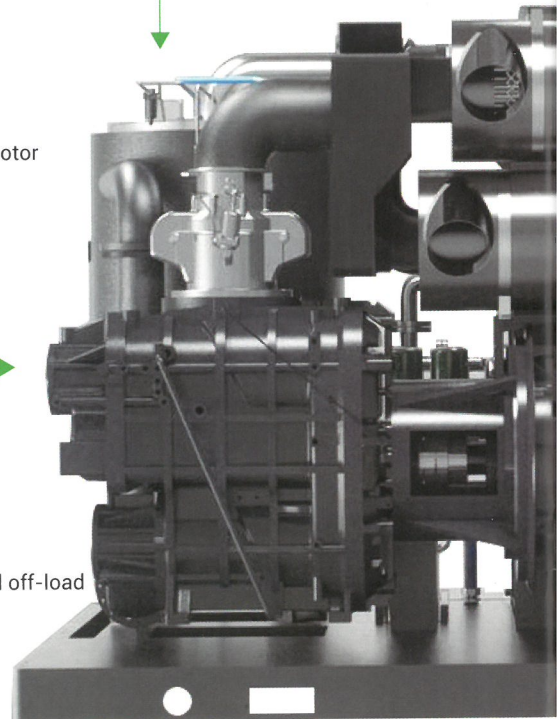
Benefit:
7% energy-saving

05

Feature:
Seamless piping system

Advantage:
Smooth, rust-free, good appearance

Benefit:
No pressure loss





Feature:
Large oil system

Advantage:
Reduce internal pressure loss
Avoid oil leakage for safety

Benefit:
3% energy-saving



Feature:
Large cooler system

Advantage:
Centrifugal fan used for good cooling effect

Benefit:
Allow ambient temperature at **52°C**



Feature:
Intelligent control system

Advantage:
10 inch monitor to show all the data

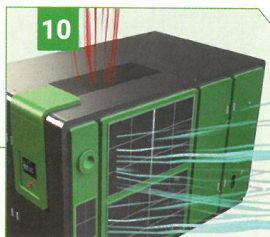
Benefit:
Simple operation and trouble free



Feature:
Double filtering system

Advantage:
Remove impurity from air and ensure air cleanness

Benefit:
Longer life of air-end and lubrication oil



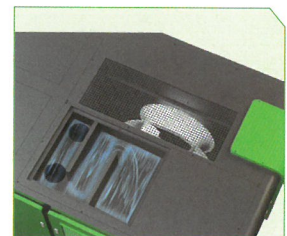
Feature:
Air routing system

Advantage:
Cold air side suction and hot air top discharge

Benefit:
2% energy-saving



Feature:
Sound insulation cotton
Sealing strip around door
S type inlet duct



Advantage:
Low noise

Benefit:
6db noise reduced

PERMANENT MAGNET MOTOR + INVERTER + TWO-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H	
SZ-20TPM	4.5	65	1.0~3.9	35.3~137.7	15	20	Direct driving	65	1 1/2	24	1550	980	1300	1000
	5.5	80	0.9~3.5	31.8~123.6										
	6.5	94	0.8~3.2	28.2~113.0										
	7.5	109	0.7~3.0	24.7~105.9										
	8.5	123	0.7~2.9	24.7~102.4										
	10.5	152	0.6~2.4	21.2~84.7										
SZ-25TPM	4.5	65	1.2~4.8	42.4~169.4	18.5	25	Direct driving	65	1 1/2	24	1550	980	1300	1100
	5.5	80	1.1~4.3	38.8~151.8										
	6.5	94	1.0~4.0	35.3~141.2										
	7.5	109	0.9~3.8	31.8~134.1										
	8.5	123	0.8~3.4	28.2~120.0										
	10.5	152	0.7~2.9	24.7~102.4										
SZ-30TPM	4.5	65	1.6~6.4	56.5~225.9	22	30	Direct driving	65	2	50	1700	1130	1430	1300
	5.5	80	1.5~6.1	53.0~215.3										
	6.5	94	1.2~4.8	42.4~169.4										
	7.5	109	1.1~4.5	38.8~158.9										
	8.5	123	1.1~4.3	38.8~151.8										
	10.5	152	0.8~3.4	28.2~120.0										
SZ-40TPM	4.5	65	2.1~8.8	74.1~310.7	30	40	Direct driving	68	2	50	1700	1130	1430	1350
	5.5	80	1.9~7.7	67.1~271.8										
	6.5	94	1.8~7.0	63.5~247.1										
	7.5	109	1.6~6.8	56.5~240.0										
	8.5	123	1.5~6.2	53.0~218.9										
	10.5	152	1.2~4.7	42.4~165.9										
SZ-50TPM	4.5	65	2.6~10.3	91.8~363.6	37	50	Direct driving	68	2	50	1700	1130	1430	1450
	5.5	80	2.4~9.5	84.7~335.4										
	6.5	94	2.2~8.7	77.7~307.1										
	7.5	109	1.9~7.5	67.1~264.8										
	8.5	123	1.8~7.4	63.5~261.2										
	10.5	152	1.5~6.0	53.0~211.8										
SZ-60TPM	4.5	65	3.3~13.1	116.5~462.4	45	60	Direct driving	68	2 1/2	70	2250	1370	1700	2300
	5.5	80	2.9~11.5	102.4~405.9										
	6.5	94	2.4~10.5	84.7~370.6										
	7.5	109	2.3~10.0	81.2~353.0										
	8.5	123	2.2~8.6	77.7~303.6										
	10.5	152	1.9~7.5	67.1~264.8										
	4.5	65	1.6~6.4	56.5~225.9					2	50	1700	1130	1460	1650

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H	
SZ-75TPM (W)	4.5	65	3.9~15.5	137.7~547.2	55	75	Direct driving	70	2 1/2	70	2250 (2300)	1370 (1500)	1700 (1750)	2400 (2600)
	5.5	80	3.4~14.5	120.0~511.9										
	6.5	94	3.2~13.3	113.0~469.5										
	7.5	109	3.0~13.1	105.9~462.4										
	8.5	123	2.8~12.3	98.8~434.2										
	10.5	152	2.3~10.1	81.2~356.5										
12.5	181	2.3~9.0	81.2~317.7											
SZ-100TPM (W)	4.5	65	4.2~20.7	148.3~730.7	75	100	Direct driving	70	DN65	100	2450 (2750)	1670 (1780)	1740 (1950)	2750 (3200)
	5.5	80	4.8~19.0	169.4~670.7										
	6.5	94	4.5~17.5	158.9~617.8										
	7.5	109	4.2~16.6	148.3~550.7										
	8.5	123	3.8~15.6	134.1~554.2										
	10.5	152	3.4~13.6	120.0~480.1										
12.5	181	2.9~11.5	102.4~406.0											
SZ-120TPM (W)	4.5	65	6.4~25.6	225.9~903.7	90	120	Direct driving	73	DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4000 (4000)
	5.5	80	5.9~23.6	208.3~833.1										
	6.5	94	5.6~21.5	197.7~759.0										
	7.5	109	5.3~20.8	187.1~734.2										
	8.5	123	4.9~20.0	173.0~706.0										
	10.5	152	4.1~16.3	144.7~575.4										
12.5	181	3.9~15.3	137.7~540.1											
SZ-150TPM (W)	4.5	65	7.7~30.0	271.8~1059.0	110	150	Direct driving	73	DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4300 (3800)
	5.5	80	7.2~28.2	254.2~995.5										
	6.5	94	6.7~26.6	236.5~939.0										
	7.5	109	6.1~24.5	215.3~864.9										
	8.5	123	5.8~23.5	204.7~829.6										
	10.5	152	5.1~20.1	180.0~709.5										
12.5	181	4.4~17.3	155.3~610.7											
SZ-160TPM (W)	4.5	65	8.8~35.0	310.6~1235.5	120	160	Direct driving	73	DN125	150	2930 (3250)	1900 (1950)	2060 (2150)	5000 (5200)
	5.5	80	7.9~30.0	278.9~1059.0										
	6.5	94	7.2~28.2	254.2~995.5										
	7.5	109	6.5~26.0	229.5~917.8										
	8.5	123	6.1~24.8	215.3~875.4										
	10.5	152	5.6~22.9	197.7~808.4										
12.5	181	4.7~19.2	165.9~677.8											
SZ-175TPM (W)	4.5	65	9.6~38.3	338.9~1352.0	132	175	Direct driving	73	DN125	150	2930 (3250)	1900 (1950)	2060 (2150)	5100 (5300)
	5.5	80	8.8~35.0	310.6~1235.5										
	6.5	94	7.8~33.0	275.3~1164.9										
	7.5	109	7.2~30.0	254.2~1059.0										
	8.5	123	6.9~28.0	243.6~988.4										
	10.5	152	6.1~24.1	215.3~850.7										
12.5	181	5.4~21.3	190.6~751.9											

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PERMANENT MAGNET MOTOR + INVERTER + TWO-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H	
SZ-200TPM (W)	4.5	65	10.5~42.0	370.7~1482.6	150	200	Direct driving	78	DN125	150	3250 (3250)	1950 (1950)	2150 (2150)	5800 (5500)
	5.5	80	9.6~38.3	338.9~1352.0										
	6.5	94	8.8~35.0	310.6~1235.5										
	7.5	109	8.1~33.0	285.9~1164.9					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4700 (4300)
	8.5	123	7.4~30.0	261.2~1059.0										
	10.5	152	6.5~28.0	229.5~988.4										
12.5	181	6.1~24.3	215.3~857.8											
SZ-215TPM (W)	4.5	65	11.0~44.0	388.3~1553.2	160	215	Direct driving	78	DN125	150	3250 (3250)	1950 (1950)	2150 (2150)	6100 (5800)
	5.5	80	10.5~42.0	370.7~1482.6										
	6.5	94	9.6~38.3	338.9~1352.0										
	7.5	109	8.8~35.0	310.6~1235.5					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4800 (4400)
	8.5	123	8.1~33.0	285.9~1164.9										
	10.5	152	7.7~30.0	271.8~1059.0										
12.5	181	6.5~26.3	229.5~928.4											
SZ-250TPM (W)	4.5	65	12.7~50.0	448.3~1765.0	185	250	Direct driving	78	DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7200 (6400)
	5.5	80	11.5~46.0	406.0~1623.8						150	3250 (3250)	1950 (1950)	2150 (2150)	6500 (6200)
	6.5	94	11.0~44.0	388.3~1553.2										
	7.5	109	10.7~42.0	377.7~1482.6										
	8.5	123	10.3~40.0	363.6~1412.0										
	10.5	152	8.8~35.5	310.6~1253.2										
12.5	181	7.5~32.4	264.8~1143.7											
SZ-270TPM (W)	4.5	65	13.7~55.0	483.6~1941.5	200	270	Direct driving	80	DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8000 (8000)
	5.5	80	12.5~50.0	441.3~1765.0					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7300 (6500)
	6.5	94	11.5~46.0	406.0~1623.8										
	7.5	109	11.0~44.0	388.3~1553.2										
	8.5	123	10.5~42.0	370.7~1482.6										
	10.5	152	9.7~38.6	342.4~1362.6										
12.5	181	8.2~33.0	289.5~1164.9											
SZ-300TPM (W)	4.5	65	15.3~61.0	540.1~2153.3	220	300	Direct driving	80	DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8200 (8200)
	5.5	80	13.7~55.0	483.6~1941.5					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7500 (6600)
	6.5	94	12.7~51.0	448.3~1800.3										
	7.5	109	12.4~49.6	437.7~1750.9										
	8.5	123	11.5~46.0	406.0~1623.8										
	10.5	152	10.3~41.2	363.6~1454.4										
12.5	181	9.5~38.1	335.4~1344.9											

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- Technical data subject to change.

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level	Outlet pipe dia.	Coolant	Dimensions (mm)				Weight
	bar	psig	m ³ /min	cfm	kw	hp		db	inch		L	L	W	H	
SZ-340TPM (W)	4.5	65	16.3~65.0	575.4~2294.5	250	340	Direct driving	82	DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8300 (8300)	
	5.5	80	15.3~61.0	540.1~2153.3											
	6.5	94	15.0~60.0	529.5~2118.0											
	7.5	109	13.8~55.3	487.1~1952.1											
	8.5	123	13.3~51.0	469.4~1800.3											
	10.5	152	11.7~46.0	413.0~1623.8											
	12.5	181	10.3~41.2	363.6~1454.4				DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7600 (6800)		
SZ-375TPM (W)	4.5	65	19.2~76.9	677.8~2714.6	280	375	Direct driving	82	DN200	250	4300 (4000)	2400 (2400)	2600 (2650)	9000 (9000)	
	5.5	80	17.8~71.0	628.3~2506.3											
	6.5	94	16.2~65.0	571.9~2294.5											
	7.5	109	15.1~60.5	533.0~2135.7											
	8.5	123	14.1~56.5	497.7~1994.5											
	10.5	152	12.8~51.0	451.8~1800.3											
	12.5	181	11.6~46.0	409.5~1623.8				DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8500 (8600)		
SZ-400TPM (W)	4.5	65	20.6~82.5	727.2~2912.3	300	400	Direct driving	85	DN200	250	4300 (4000)	2400 (2400)	2600 (2650)	9400 (9400)	
	5.5	80	19.2~76.8	677.8~2711.0											
	6.5	94	17.7~70.9	624.8~2502.8											
	7.5	109	16.2~65.0	571.9~2294.5											
	8.5	123	15.0~60.3	529.5~2128.6											
	10.5	152	14.1~56.5	497.7~1994.5											
	12.5	181	12.8~51.5	451.8~1818.0				DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8800 (9000)		
SZ-440TPM (W)	4.5	65	21.3~85.5	751.9~3018.2	330	440	Direct driving	85	DN200	250	4300 (4000)	2400 (2400)	2600 (2650)	9800 (10000)	
	5.5	80	20.6~82.4	727.2~2908.7											
	6.5	94	19.2~76.7	677.8~2707.5											
	7.5	109	17.7~70.7	624.8~2495.7											
	8.5	123	16.2~65.0	571.9~2294.5											
	10.5	152	15.0~60.2	529.5~2125.1											
	12.5	181	14.1~56.5	497.7~1994.5				DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9200 (9500)		

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IE4 WEG BRAND HIGH EFFICIENCY MOTOR+ INVERTER + TWO-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)				Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	L	W	H	
SZ-60T	4.5	65	13.0	458.9	45	60	Direct driving	71	2 1/2	70	2250	1370	1700	2300	
	5.5	80	11.5	406.0							1850	1180	1430	2000	
	6.5	94	10.1	356.5					2	50	1700	1130	1460	1650	
	7.5	109	10.0	353.0											
	8.5	123	9.8	345.9											
	10.5	152	6.8	240.0											
12.5	181	6.6	233.0												
SZ-75T (W)	4.5	65	15.0	529.5	55	75	Direct driving	73	2 1/2	70	2250 (2300)	1370 (1500)	1700 (1750)	2400 (2500)	
	5.5	80	13.0	458.9							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)	
	6.5	94	12.5	441.3					2	50	1700 (1800)	1130 (1320)	1460 (1370)	1650 (2000)	
	7.5	109	12.3	434.2											
	8.5	123	12.2	430.7											
	10.5	152	10.0	353.0											
12.5	181	9.8	345.9												
SZ-100T (W)	4.5	65	19.0	670.7	75	100	Direct driving	73	DN65	100	2450 (2750)	1670 (1780)	1740 (1950)	2750 (3200)	
	5.5	80	18.5	653.1							2300 (2300)	1670 (1500)	1690 (1750)	2650 (2700)	
	6.5	94	16.0	564.8					DN65	70	2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)	
	7.5	109	15.3	540.1											
	8.5	123	15.0	529.5											
	10.5	152	12.5	441.3											
12.5	181	12.0	423.6												
SZ-120T (W)	4.5	65	23.5	829.6	90	120	Direct driving	78	DN80	100	2750 (2750)	1780 (1780)	1950 (1950)	3700 (3600)	
	5.5	80	23.1	815.4							2300 (2300)	1670 (1500)	1690 (1750)	3100 (3200)	
	6.5	94	19.1	674.2					DN65	70	2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)	
	7.5	109	19.0	670.7											
	8.5	123	18.8	663.6											
	10.5	152	16.0	564.8											
12.5	181	15.0	529.5												
SZ-150T (W)	4.5	65	30.0	1059.0	110	150	Direct driving	78	DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4300 (4200)	
	5.5	80	26.5	935.5							2750 (2750)	1780 (1780)	1950 (1950)	3900 (3700)	
	6.5	94	26.2	924.9					DN80	100	2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)	
	7.5	109	23.7	836.6											
	8.5	123	23.3	822.5											
	10.5	152	19.0	670.7											
12.5	181	18.5	653.1												
SZ-175T (W)	4.5	65	36.0	1270.8	132	175	Direct driving	78	DN125	150	2930 (3250)	1900 (1950)	2060 (2150)	5300 (5300)	
	5.5	80	33.0	1164.9							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)	
	6.5	94	32.6	1150.8					DN100	120	2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)	
	7.5	109	30.1	1062.5											
	8.5	123	26.5	935.5											
	10.5	152	23.8	840.1											
12.5	181	21.3	751.9												

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)				Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	L	W	H	
SZ-200T (W)	4.5	65	40.0	1412.0	150	200	Direct driving	78	DN125	150	3250 (3250)	1950 (1950)	2150 (2150)	6300 (5800)	
	5.5	80	36.0	1270.8											
	6.5	94	33.2	1172.0											
	7.5	109	33.0	1164.9					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4900 (4600)	
	8.5	123	31.5	1112.0											
	10.5	152	26.6	939.0											
12.5	181	24.3	857.8												
SZ-215T (W)	4.5	65	44.0	1553.2	160	215	Direct driving	78	DN125	150	3250 (3250)	1950 (1950)	2150 (2150)	6500 (6000)	
	5.5	80	41.2	1454.4											
	6.5	94	38.9	1373.2											
	7.5	109	33.6	1186.1					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4800 (4700)	
	8.5	123	33.5	1182.6											
	10.5	152	30.0	1059.0											
12.5	181	27.4	967.2												
SZ-250T(V) (W)	4.5	65	20.0~50.0	706.0~1765.0	185	250	Direct driving	78	DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7000 (7200)	
	5.5	80	18.4~46.0	649.5~1623.8											
	6.5	94	16.4~41.0	578.9~1447.3											
	7.5	109	14.8~37.0	522.4~1306.1											
	8.5	123	14.4~36.0	508.3~1270.8											
	10.5	152	14.2~35.5	501.3~1253.2											
12.5	181	12.9~32.4	455.4~1143.7												
SZ-270T(V) (W)	4.5	65	21.9~55.0	773.1~1941.5	200	270	Direct driving	78	DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8900 (9000)	
	5.5	80	20.0~50.0	706.0~1765.0					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7200 (7400)	
	6.5	94	18.5~46.0	653.1~1623.8											
	7.5	109	16.8~42.0	593.0~1482.6											
	8.5	123	16.4~41.0	578.9~1447.3											
	10.5	152	14.6~36.5	515.4~1288.5											
12.5	181	13.0~33.0	458.9~1164.9												
SZ-300T(V) (W)	4.5	65	24.0~61.0	847.2~2153.3	220	300	Direct driving	78	DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9000 (9200)	
	5.5	80	22.0~55.0	776.6~1941.5					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7500 (7600)	
	6.5	94	20.4~51.0	720.1~1800.3											
	7.5	109	18.5~49.6	653.1~1750.9											
	8.5	123	18.4~46.0	649.5~1623.8											
	10.5	152	16.2~41.2	571.9~1454.4											
12.5	181	14.4~36.0	508.3~1270.8												
SZ-340T(V) (W)	4.5	65	26.0~65.0	917.8~2294.5	250	340	Direct driving	80	DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9100 (9300)	
	5.5	80	24.8~61.0	875.4~2153.3											
	6.5	94	21.7~60.0	766.0~2118.0											
	7.5	109	19.5~55.3	688.4~1952.1					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	8000 (7800)	
	8.5	123	19.4~51.0	684.8~1800.3											
	10.5	152	18.2~46.0	642.5~1623.8											
12.5	181	16.0~41.2	564.8~1454.4												

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

IE4 WEG BRAND HIGH EFFICIENCY MOTOR+ INVERTER + TWO-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)				Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	L	W	H	
SZ-375T(V) (W)	4.5	65	30.8~76.9	1087.2~2714.6	280	375	Direct driving	85	DN200	250	4300 (4000)	2400 (2400)	2600 (2650)	9700 (9700)	
	5.5	80	28.4~71.0	1002.5~2506.3					DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9200 (9400)	
	6.5	94	24.8~65.0	875.4~2294.5											
	7.5	109	21.7~60.5	766.0~2135.7											
	8.5	123	21.6~56.5	762.5~1994.5											
	10.5	152	20.4~51.0	720.1~1800.3											
12.5	181	18.2~46.0	642.5~1623.8												
SZ-400T(V) (W)	4.5	65	33.0~82.5	1164.9~2912.3	300	400	Direct driving	85	DN200	250	4300 (4000)	2400 (2400)	2600 (2650)	9800 (9800)	
	5.5	80	30.7~76.8	1083.7~2711.0					DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9500 (9600)	
	6.5	94	28.4~70.9	1002.5~2502.8											
	7.5	109	24.8~65.0	875.4~2294.5											
	8.5	123	24.1~60.3	850.7~2128.6											
	10.5	152	22.6~56.5	797.8~1994.5											
12.5	181	20.6~51.5	727.2~1818.0												
SZ-440T(V) (W)	4.5	65	33.4~83.5	1179.0~2947.6	330	440	Direct driving	85	DN200	250	4300 (4000)	2400 (2400)	2600 (2650)	10000 (10000)	
	5.5	80	33.0~82.4	1164.9~2908.7					DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9600 (9600)	
	6.5	94	30.7~76.7	1083.7~2707.5											
	7.5	109	28.3~70.7	999.0~2495.7											
	8.5	123	26.0~65.0	917.8~2294.5											
	10.5	152	24.1~60.2	850.7~2125.1											
12.5	181	22.6~56.5	797.8~1994.5												
SZ-475T(V)W	4.5	65	41.2~101.3	1454.4~3575.9	355	475	Direct driving	88	DN200	250	4600	2400	2650	13500	
	5.5	80	37.4~93.7	1320.2~3307.6					DN150	200	4000	2400	2650	13000	
	6.5	94	32.9~82.3	1161.4~2905.2											
	7.5	109	31.2~76.6	1101.4~2703.0											
	8.5	123	28.2~70.6	995.5~2492.2											
	10.5	152	26.3~65.8	928.4~2322.7											
12.5	181	24.6~61.6	868.4~2174.5												
SZ-500T(V)W	-	-	-	-	375	500	Direct driving	88	-	-	-	-	-		
	5.5	80	41.0~101.1	1447.3~3568.8					DN200	250	4600	2400	2650	14000	
	6.5	94	37.4~93.5	1320.2~3300.5					DN150	200	4000	2400	2650	13500	
	7.5	109	32.9~82.2	1161.4~2901.7											
	8.5	123	31.2~76.5	1101.4~2700.5											
	10.5	152	28.1~70.3	991.9~2481.6											
12.5	181	26.2~65.5	924.9~2312.2												

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- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

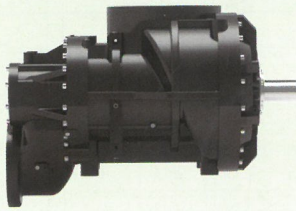
New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia inch	Coolant L	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H	
SZ-540TW	-	-	-	-	400	540	Direct driving	88	-	-	-	-	-	-
	-	-	-	-										
	6.5	94	100.9	3561.8										
	7.5	109	93.3	3293.5										
	8.5	123	82.1	2898.1										
	10.5	152	76.3	2693.4										
	12.5	181	69.9	2467.5										
SZ-600TW	-	-	-	-	450	600	Direct driving	88	-	-	-	-	-	-
	-	-	-	-										
	-	-	-	-										
	7.5	109	100.7	3554.7										
	8.5	123	93.1	3286.4										
	10.5	152	81.9	2891.1										
	12.5	181	76.0	2682.8										
SZ-680TW	-	-	-	-	500	680	Direct driving	88	-	-	-	-	-	-
	-	-	-	-										
	-	-	-	-										
	-	-	-	-										
	8.5	123	100.5	3547.7										
	10.5	152	92.7	3272.3										
	12.5	181	81.7	2884.0										
SZ-750TW	-	-	-	-	560	750	Direct driving	88	-	-	-	-	-	-
	-	-	-	-										
	-	-	-	-										
	-	-	-	-										
	-	-	-	-										
	10.5	152	100.1	3533.5										
	12.5	181	92.3	3258.2										

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- Technical data subject to change.

LOW PRESSURE+ PERMANENT MAGNET MOTOR+ INVERTER + ONE-STAGE

FEATURES AND ADVANTAGES

01

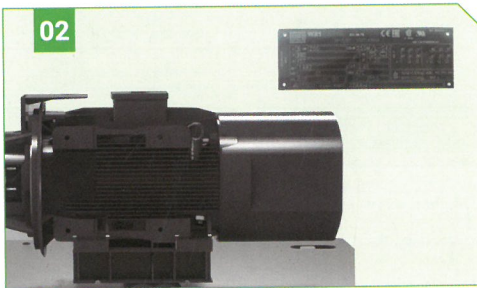


Feature:
One-stage compression low pressure air-end

Advantage:
Low compression ratio
Low temperature rising
Low air leakage

Benefit:
5% energy-saving

02



Feature:
IE4 Permanent magnet motor / IE4 WEG BRAND High-efficiency motor

Advantage:
Motor efficiency **97%**

Benefit:
5% energy-saving

03



Feature:
2-VFD System

Advantage:
Constant pressure output to remove pressure fluctuation and off-load
Constant temperature output at 80~85°C
Low starting current to protect components

Benefit:
15% energy-saving

04

Feature:
Customized pressure system at 2.0 bar, 2.5 bar, 3.0 bar, 3.5 bar and 4.0 bar

Advantage:
Avoid excess pressure waste

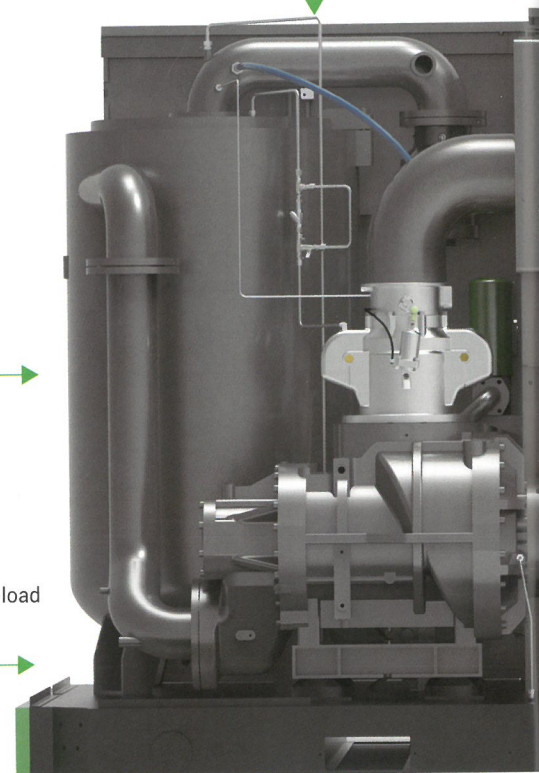
Benefit:
7% energy-saving

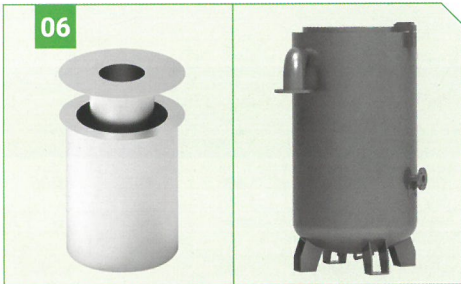
05

Feature:
Seamless piping system

Advantage:
Smooth, rust-free, good appearance

Benefit:
No pressure loss

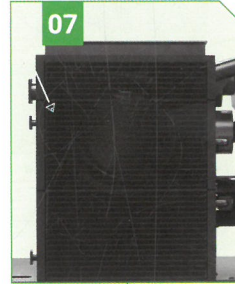




Feature:
Large oil system and double oil separators

Advantage:
Reduce internal pressure loss
Avoid oil leakage for safety

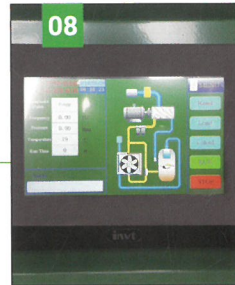
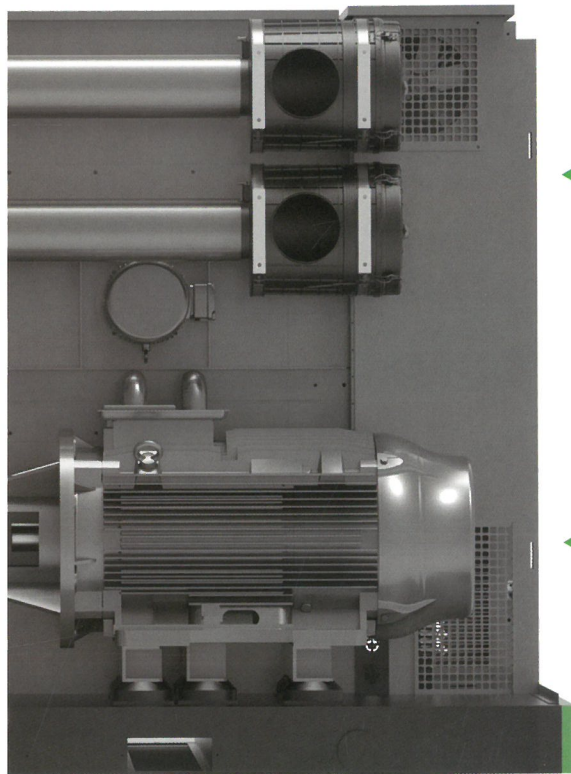
Benefit:
3% energy-saving



Feature:
Large cooler system

Advantage:
Centrifugal fan used for good cooling effect

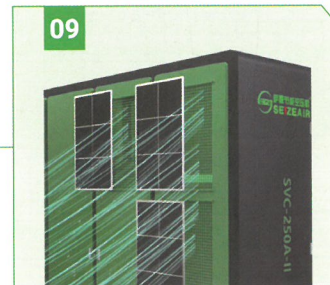
Benefit:
Allow ambient temperature at **52°C**



Feature:
Intelligent control system

Advantage:
10 inch monitor to show all the data

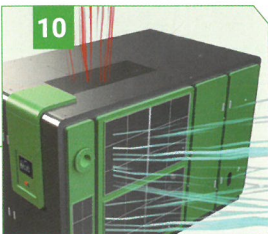
Benefit:
Simple operation and trouble free



Feature:
Double filtering system

Advantage:
Remove impurity from air and ensure air cleanness

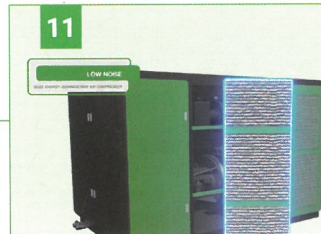
Benefit:
Longer life of air-end and lubrication oil



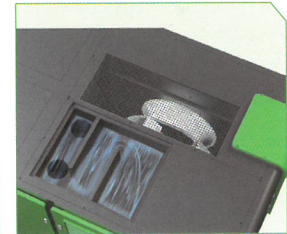
Feature:
Air routing system

Advantage:
Cold air side suction and hot air top discharge

Benefit:
2% energy-saving



Feature:
Sound insulation cotton
Sealing strip around door
S type inlet duct



Advantage:
Low noise

Benefit:
6db noise reduced

LOW PRESSURE + PERMANENT MAGNET MOTOR + INVERTER + ONE-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Outlet pipe dia.	Dimensions (mm)			Weight kg				
	bar	psig	m ³ /min	cfm	kw	hp			inch	L	W		H			
SZ-40PML	2.0	29	2.9~11.3	102.4~398.9	30	40	Direct Driving	DN80	2000	1400	1895	2000				
	2.5	36	2.5~10.1	88.3~356.5												
SZ-50PML	2.0	29	3.4~14.0	120.0~494.2	37	50	Direct Driving	DN80	2000	1400	1895	2100				
	2.5	36	3.1~12.2	109.4~430.7												
	3.0	44	3.5~11.5	123.6~406.0												
	4.0	58	2.5~10.1	88.3~356.5												
SZ-60PML	2.0	29	4.0~16.0	141.2~564.8	45	60	Direct Driving	DN100	2300 (2500)	1680 (1700)	1890 (2050)	2600				
	3.0	44	3.5~13.8	123.6~487.1				DN80	2000	1400	1895	2200				
	4.0	58	3.0~11.2	105.9~395.4												
SZ-75PML	2.0	29	5.2~21.0	183.6~741.3	55	75	Direct Driving	DN100	2300 (2500)	1680 (1700)	1890 (2050)	2700				
	2.5	36	4.8~19.3	169.4~681.3												
	3.0	44	4.4~17.6	155.3~621.3												
	3.5	51	4.4~17.0	155.3~600.1												
SZ-100PML	2.0	29	7.1~28.0	250.6~988.4	75	100	Direct Driving	DN125	2430 (2580)	1740 (1760)	2000 (2020)	3600				
	2.5	36	6.3~25.3	222.4~893.1												
	3.0	44	5.8~23.1	204.7~815.4												
	3.5	51	5.8~22.5	204.7~794.3												
	4.0	58	5.2~21.0	183.6~741.3												
SZ-120PML	2.0	29	8.6~36.5	303.6~1288.5	90	120	Direct Driving	DN125	3000 (3140)	1840 (1910)	1920 (2090)	4500				
	2.5	36	8.6~34.8	303.6~1228.4								2430 (2580)	1740 (1760)	2000 (2020)	3600	
	3.0	44	7.9~32.0	278.9~1129.6												
	3.5	51	7.5~29.0	264.8~1023.7												
	4.0	58	7.0~25.6	247.1~903.7												
SZ-150PML	2.0	29	11.6~47.2	409.5~1666.2	110	150	Direct Driving	DN150	3440 (3540)	2050 (2200)	2290 (2340)	5900				
	2.5	36	9.8~38.8	345.9~1369.6									3000 (3140)	1840 (1910)	1920 (2090)	4800
	3.0	44	9.2~36.8	324.8~1299.0												
	3.5	51	8.6~34.8	303.6~1228.4												
	4.0	58	7.9~31.0	278.9~1094.3												
SZ-175PML	2.0	29	13.2~51.8	466.0~1828.5	132	175	Direct Driving	DN150	3440 (3540)	2050 (2200)	2290 (2340)	6000				
	2.5	36	11.8~50.3	416.5~1775.6									3000 (3140)	1840 (1910)	1920 (2090)	5000
	3.0	44	11.8~47.2	416.5~1666.2												
	3.5	51	9.8~40.2	345.9~1419.1												
	4.0	58	8.6~38.0	303.6~1341.4												
SZ-200PML	2.0	29	14.0~56.5	494.2~1994.5	150	200	Direct Driving	DN150	3440 (3540)	2050 (2200)	2290 (2340)	6300				
	2.5	36	12.5~55.0	441.3~1941.5									3000 (3140)	1840 (1910)	1920 (2090)	5100
	3.0	44	12.5~50.0	441.3~1765.0												
	3.5	51	11.8~47.5	416.5~1676.8												
	4.0	58	9.8~40.2	345.9~1419.1												

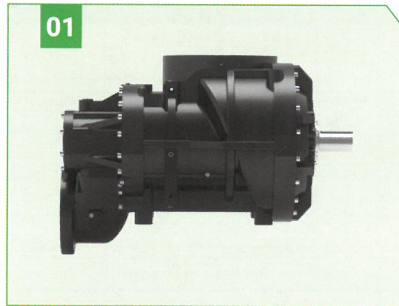
- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Outlet pipe dia.	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp			inch	L	W	
SZ-215PML	2.0	29	16.6~62.8	586.0~2216.8	160	215	Direct Driving	DN150	3440 (3540)	2050 (2200)	2290 (2340)	6400
	2.5	36	15.6~60.6	550.7~2139.2								
	3.0	44	14.0~56.6	494.2~1998.0								
	3.5	51	12.5~50.3	441.3~1775.6								
	4.0	58	11.8~47.0	416.5~1659.1								
SZ-250PML	2.0	29	17.8~71.3	628.3~2516.9	185	250	Direct Driving	DN200	4500 (4500)	2250 (2250)	2440 (2440)	8000
	2.5	36	16.6~67.6	586.0~2386.3					4340 (4340)	2250 (2250)	2440 (2440)	
	3.0	44	15.6~62.9	550.7~2220.4				DN150	3440 (3540)	2050 (2200)	2290 (2340)	6600
	3.5	51	14.0~56.6	494.2~1998.0								
	4.0	58	12.5~50.0	441.3~1765.0								
SZ-270PML	2.0	29	20.5~81.8	723.7~2887.5	200	270	Direct Driving	DN200	4500 (4500)	2250 (2250)	2440 (2440)	8600
	2.5	36	17.8~71.2	628.3~2513.4					4340 (4340)	2250 (2250)	2440 (2440)	8200
	3.0	44	16.6~67.6	586.0~2386.3				DN150	3900 (3900)	2400 (2400)	2440 (2440)	7000
	3.5	51	15.6~62.9	550.7~2220.4								
	4.0	58	14.0~56.6	494.2~1998.0								
SZ-300PML	2.0	29	22.2~88.7	783.7~3131.1	220	300	Direct Driving	DN250	5000 (5000)	2400 (2400)	2600 (2600)	9400
	2.5	36	20.4~81.6	720.1~2880.5					DN200	4500 (4500)	2250 (2250)	
	3.0	44	18.3~73.1	646.0~2580.4				4400 (4400)		2250 (2250)	2440 (2440)	
	3.5	51	16.6~67.5	586.0~2382.8				DN150		3900 (3900)	2400 (2400)	2440 (2440)
	4.0	58	15.6~62.6	550.7~2209.8								
SZ-340PML	2.0	29	25.6~102.5	903.7~3618.3	250	340	Direct Driving	DN250	5000 (5000)	2400 (2400)	2600 (2600)	9600
	2.5	36	22.8~91.3	804.8~3222.9					DN200	4400 (4400)	2250 (2250)	
	3.0	44	21.0~83.6	741.3~2951.1				DN150		3900 (3900)	2400 (2400)	2440 (2440)
	3.5	51	19.3~77.1	681.3~2721.6								
SZ-375PML	2.5	36	25.6~102.5	903.7~3618.3	280	375	Direct Driving	DN250	5000 (5000)	2400 (2400)	2600 (2600)	9800
	3.0	44	23.5~93.9	829.6~3314.7					DN200	4400 (4400)	2250 (2250)	
	3.5	51	21.4~85.5	755.4~3018.2								
	4.0	58	19.8~79.1	698.9~2792.2								
SZ-400PML	3.0	44	25.6~102.2	903.7~3607.7	300	400	Direct Driving	DN250	5000 (5000)	2400 (2400)	2600 (2600)	10000
	3.5	51	23.5~93.8	829.6~3311.1					DN200	4400 (4400)	2250 (2250)	
	4.0	58	21.0~87.4	741.3~3085.2								
SZ-420PML	3.5	51	25.5~102.1	900.2~3604.1	315	420	Direct Driving	DN250	5000 (5000)	2400 (2400)	2600 (2600)	10500
	4.0	58	23.4~93.6	826.0~3304.1								
SZ-440PML	4.0	58	25.5~101.9	900.2~3597.1	330	440	Direct Driving	DN250	5000 (5000)	2400 (2400)	2600 (2600)	10500

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

PERMANENT MAGNET MOTOR + INVERTER + ONE-STAGE

FEATURES AND ADVANTAGES



01

Feature:
One-stage compression air-end

Advantage:
Low compression ratio
Low temperature rising
Low air leakage
Integrated shaft

Benefit:
5% energy-saving

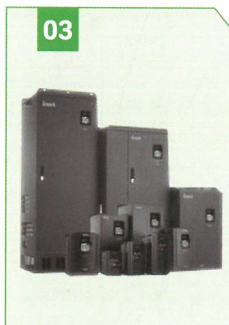


02

Feature:
IE4 Permanent magnet motor /
IE4 WEG BRAND High-efficiency motor
Oil cooled motor optional

Advantage:
Motor efficiency **97%**

Benefit:
5% energy-saving



03

Feature:
2-VFD System

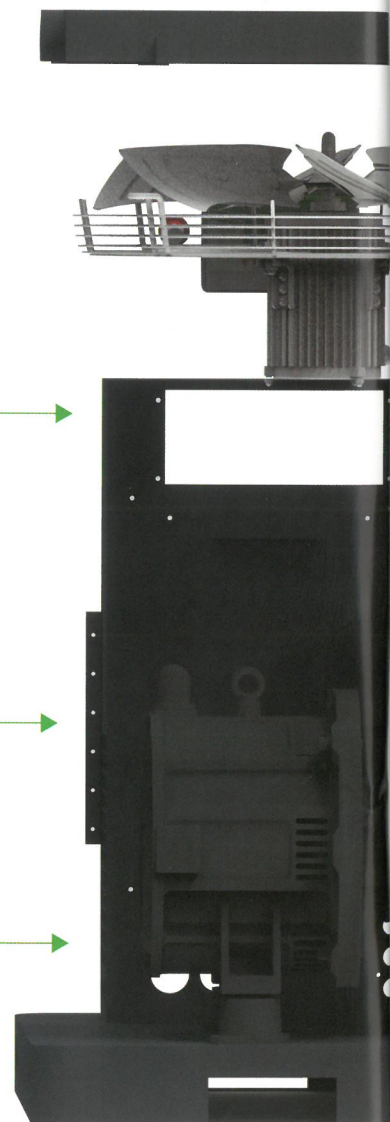
Advantage:
Constant pressure output to remove pressure fluctuation and off-load
Constant temperature output at 80~85°C
Low starting current to protect components

Benefit:
15% energy-saving

04 Feature:
Seamless piping system

Advantage:
Smooth, rust-free, good appearance

Benefit:
No pressure loss

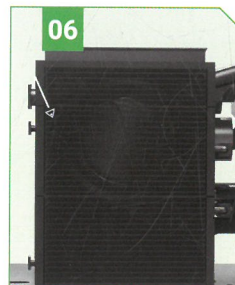




05 **Feature:**
Large oil system and double oil separators

Advantage:
Reduce internal pressure loss
Avoid oil leakage for safety

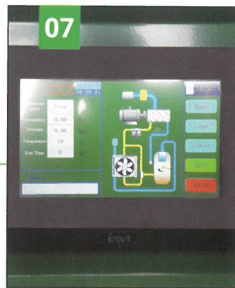
Benefit:
3% energy-saving



06 **Feature:**
Large cooler system

Advantage:
Centrifugal fan used for good cooling effect

Benefit:
Allow ambient temperature at **52°C**



07 **Feature:**
Intelligent control system

Advantage:
10 inch monitor to show all the data

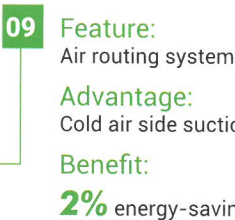
Benefit:
Simple operation and trouble free



08 **Feature:**
Double filtering system

Advantage:
Remove impurity from air and ensure air cleanness

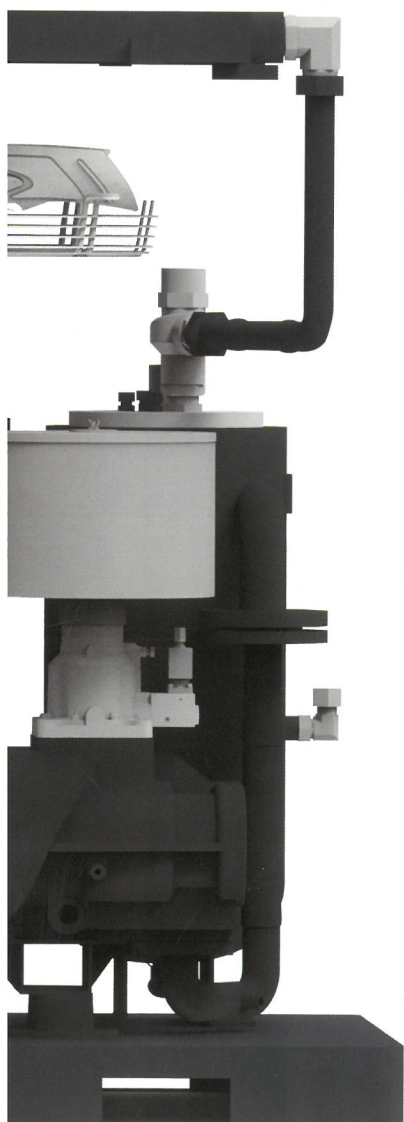
Benefit:
Longer life of air-end and lubrication oil



09 **Feature:**
Air routing system

Advantage:
Cold air side suction and hot air top discharge

Benefit:
2% energy-saving



PERMANENT MAGNET MOTOR + INVERTER + ONE-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)			Weight kg				
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H					
SZ-10PM	7.5	109	0.34~1.20	12.00~42.36	7.5	10	Integrated Shaft Driving	60	3/4	10	650	650	1015	260				
	8.5	123	0.32~1.10	11.30~38.83														
	10.5	152	0.26~1.02	9.18~36.01														
	12.5	181	0.22~0.86	7.77~30.36														
SZ-15PM	7.5	109	0.45~1.79	15.89~63.19	11	15	Integrated Shaft Driving	60	3/4	10	880	780	1080	320				
	8.5	123	0.42~1.66	14.83~58.60														
	10.5	152	0.37~1.49	13.06~52.60														
	12.5	181	0.30~1.21	10.59~42.71														
SZ-20PM	7.5	109	0.66~2.58	23.30~91.07	15	20	Integrated Shaft Driving	65	3/4	18	880	780	1080	330				
	8.5	123	0.61~2.35	21.53~82.96														
	10.5	152	0.52~2.08	18.36~73.42														
	12.5	181	0.42~1.80	14.83~63.54														
SZ-25PM	7.5	109	0.76~3.10	26.83~109.43	18.5	25	Integrated Shaft Driving	65	1	18	880	800	1350	450				
	8.5	123	0.74~2.90	26.12~102.37					3/4						880	780	1080	380
	10.5	152	0.63~2.52	22.24~88.96														
	12.5	181	0.53~2.10	18.71~74.13														
SZ-30PM	7.5	109	1.00~3.75	35.30~132.38	22	30	Integrated Shaft Driving	65	1	18	880	800	1350	510				
	8.5	123	0.87~3.50	30.71~123.55					3/4						880	780	1080	400
	10.5	152	0.74~2.94	26.12~103.78														
	12.5	181	0.61~2.42	21.53~85.43														
SZ-40PM	7.5	109	1.37~5.38	48.36~189.91	30	40	Integrated Shaft Driving	68	1 1/2	20	1000	900	1420	550				
	8.5	123	1.34~5.00	47.30~176.50					1						880	800	1350	530
	10.5	152	1.10~4.41	38.83~155.67														
	12.5	181	0.87~3.47	30.71~122.49														
SZ-50PM	7.5	109	1.63~6.51	57.54~229.80	37	50	Integrated Shaft Driving	68	1 1/2	20	1000	900	1420	600				
	8.5	123	1.60~6.41	56.48~226.27														
	10.5	152	1.34~5.36	47.30~189.21														
	12.5	181	1.16~4.62	40.95~163.09														
SZ-60PM	7.5	109	2.10~8.40	74.13~296.52	45	60	Integrated Shaft Driving	68	1 1/2	30	1080	1000	1480	750				
	8.5	123	1.97~7.88	69.54~278.16														
	10.5	152	1.73~6.93	61.07~244.63														
	12.5	181	1.55~6.00	54.72~211.80														

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H	
SZ-75PM	7.5	109	2.75~11.00	97.08~388.30	55	75	Direct Driving	72	2	40	1400	1100	1510	950
	8.5	123	2.58~10.30	91.07~363.59										
	10.5	152	2.18~8.70	76.95~307.11										
	12.5	181	2.00~8.00	70.60~282.40										
SZ-100PM	7.5	109	3.45~13.80	121.79~487.14	75	100	Direct Driving	72	2	60	1400	1100	1510	1000
	8.5	123	3.25~13.00	114.73~458.90										
	10.5	152	2.88~11.50	101.66~405.95										
	12.5	181	2.55~10.60	90.02~374.18										
SZ-120PM (W)	7.5	109	4.13~17.80	145.79~628.34	90	120	Direct Driving	75	DN65	70	2100	1370	1700	2000
	8.5	123	4.00~17.20	141.20~607.16					2					
	10.5	152	3.48~14.60	122.84~515.38					2100		1370	1700	1900	
	12.5	181	3.08~12.30	108.72~434.19										
SZ-150PM (W)	7.5	109	5.50~22.00	194.15~776.60	110	150	Direct Driving	75	DN65	100	2300	1550	1900	2400
	8.5	123	5.13~21.00	181.09~741.30										
	10.5	152	4.47~18.00	157.79~635.40							2100	1370	1700	2200
	12.5	181	3.70~14.80	130.61~522.44										
SZ-175PM (W)	7.5	109	6.43~25.70	226.98~907.21	132	175	Direct Driving	78	DN80	100	2900	1890	1950	2800
	8.5	123	6.13~24.50	216.39~864.85					DN65					
	10.5	152	5.35~21.40	188.86~755.42					2300		1550	1900	2600	
	12.5	181	4.45~17.80	157.09~628.34										
SZ-215PM (W)	7.5	109	7.50~30.00	264.75~1059.00	160	215	Direct Driving	78	DN100	100	2900	1890	2050	3500
	8.5	123	7.20~28.80	254.16~1016.64					DN80					
	10.5	152	5.87~23.50	207.21~829.55					2900		1890	1950	3000	
	12.5	181	5.25~21.00	185.33~741.30										
SZ-250PM (W)	7.5	109	8.63~34.50	304.64~1217.85	185	250	Direct Driving	78	DN100	150	2900	1890	2050	4000
	8.5	123	8.25~33.00	291.23~1164.90					DN80					
	10.5	152	7.20~28.80	254.16~1016.64					2900		1890	1950	3800	
	12.5	181	5.87~23.50	207.21~829.55										
SZ-340PM (W)	7.5	109	10.90~43.80	384.77~1546.14	250	340	Direct Driving	82	DN125	150	3100	2000	2100	5200
	8.5	123	10.70~43.00	377.71~1517.90					/					
	10.5	152	/	/					2900		1890	2050	4800	
	12.5	181	8.30~33.00	292.99~1164.90										DN100

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

PERMANENT MAGNET MOTOR (OIL COOLED) + INVERTER + ONE-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)			Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	W	H	
SZ-10PM+	7.5	109	0.34~1.20	12.00~42.37	7.5	10	Integrated Shaft Driving	65	3/4	10	650	650	1015	260
	8.5	123	0.32~1.10	11.30~38.84										
	10.5	152	0.26~1.02	9.18~36.01										
	12.5	181	0.22~0.86	7.77~30.36										
SZ-15PM+	7.5	109	0.45~1.79	15.89~63.19	11	15	Integrated Shaft Driving	65	3/4	10	880	780	1080	320
	8.5	123	0.42~1.66	14.83~58.60										
	10.5	152	0.37~1.49	13.06~52.60										
	12.5	181	0.30~1.21	10.59~42.71										
SZ-20PM+	7.5	109	0.66~2.58	23.30~91.10	15	20	Integrated Shaft Driving	68	3/4	18	880	780	1080	330
	8.5	123	0.61~2.35	21.54~82.98										
	10.5	152	0.52~2.08	18.36~73.45										
	12.5	181	0.42~1.80	14.83~63.56										
SZ-25PM+	7.5	109	0.76~3.10	26.84~109.46	18.5	25	Integrated Shaft Driving	68	1	18	880	800	1350	450
	8.5	123	0.74~2.90	26.13~102.40										
	10.5	152	0.63~2.52	22.25~88.98										
	12.5	181	0.53~2.10	18.71~74.15										
SZ-30PM+	7.5	109	1.00~3.75	35.31~132.42	22	30	Integrated Shaft Driving	68	1	18	880	800	1350	510
	8.5	123	0.87~3.50	30.72~123.59										
	10.5	152	0.74~2.94	26.13~103.81										
	12.5	181	0.61~2.42	21.54~85.45										
SZ-40PM+	7.5	109	1.37~5.38	48.38~189.97	30	40	Integrated Shaft Driving	68	1 1/2	24	1000	900	1420	580
	8.5	123	1.34~5.00	47.32~176.56										
	10.5	152	1.10~4.41	38.84~155.72										
	12.5	181	0.87~3.47	30.72~122.53										
SZ-50PM+	7.5	109	1.63~6.51	57.56~229.87	37	50	Integrated Shaft Driving	72	1 1/2	24	1000	900	1420	650
	8.5	123	1.60~6.41	56.50~226.34										
	10.5	152	1.34~5.36	47.32~189.27										
	12.5	181	1.16~4.62	40.96~163.14										
SZ-60PM+	7.5	109	2.10~8.40	74.15~296.61	45	60	Integrated Shaft Driving	72	1 1/2	40	1080	1000	1480	780
	8.5	123	1.97~7.80	69.56~275.43										
	10.5	152	1.73~6.93	61.09~244.71										
	12.5	181	1.55~6.00	54.73~211.87										
SZ-75PM+	7.5	109	2.75~11.00	97.11~388.42	55	75	Integrated Shaft Driving	72	2	40	1400	1100	1510	950
	8.5	123	2.58~10.30	91.10~363.70										
	10.5	152	2.18~8.70	76.98~307.21										
	12.5	181	2.00~8.00	70.62~282.49										
SZ-100PM+	7.5	109	3.45~13.80	121.82~487.29	75	100	Integrated Shaft Driving	75	2	60	1400	1100	1510	1000
	8.5	123	3.25~13.00	114.76~459.04										
	10.5	152	2.88~11.50	101.70~406.08										
	12.5	181	2.55~10.60	90.04~374.30										

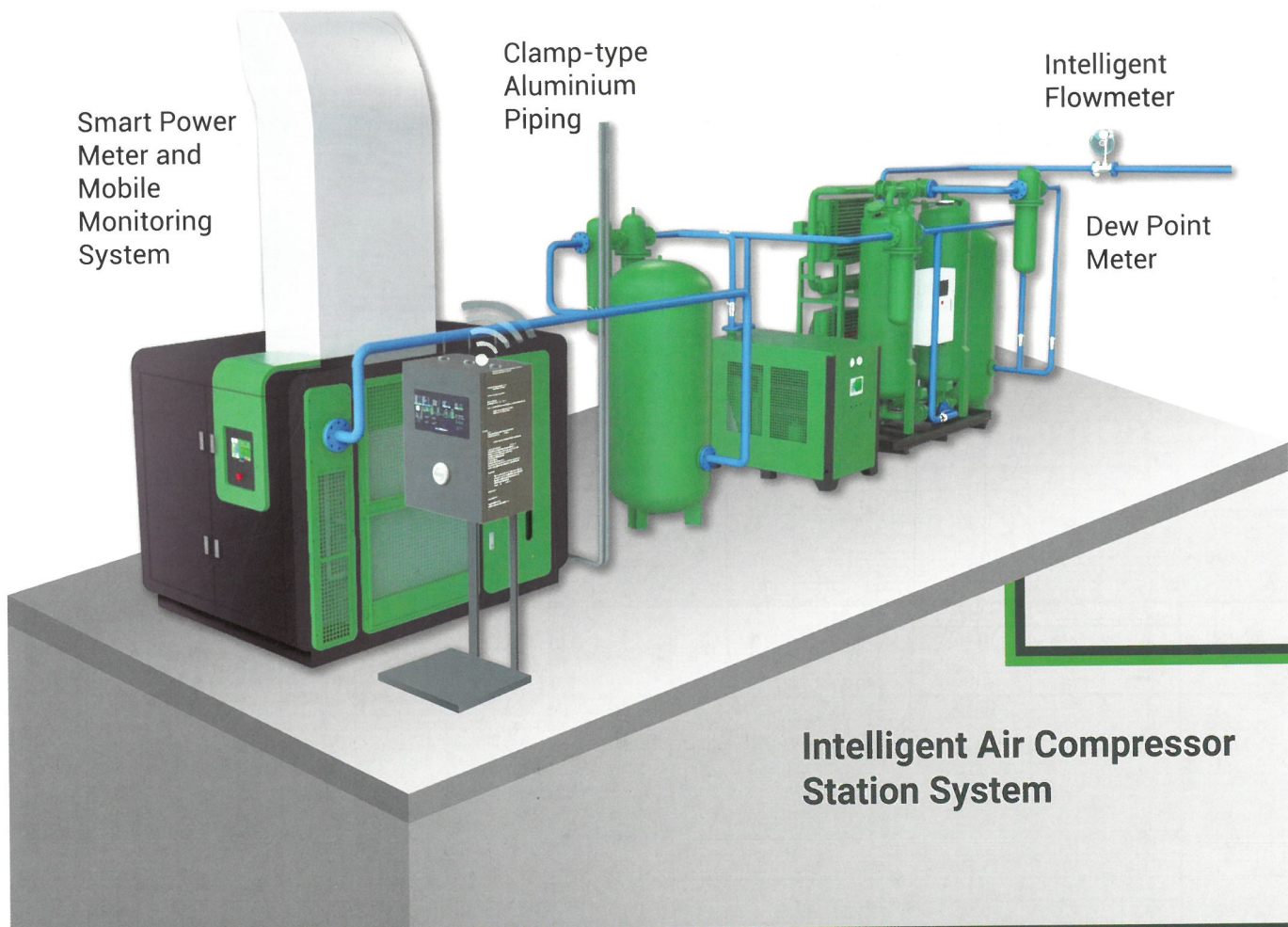
- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

INDUCTION MOTOR + FIXED SPEED + ONE-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level db	Outlet pipe dia. inch	Coolant L	Dimensions (mm)				Weight kg
	bar	psig	m ³ /min	cfm	kw	hp					L	L	W	H	
SZ-08D	7.0	102	0.90	31.77	5.5	7.5	Belt driving	60	3/4	10	760	760	1065	320	
	8.0	116	0.85	30.01											
	10.0	145	0.75	26.48											
	12.5	181	0.45	15.89											
SZ-10D	7.0	102	1.20	42.36	7.5	10	Belt driving	60	3/4	10	760	760	1065	350	
	8.0	116	1.10	38.83											
	10.0	145	1.00	35.30											
	12.5	181	0.80	28.24											
SZ-15D	7.0	102	1.90	67.07	11	15	Direct driving	60	3/4	18	1200	750	1050	450	
	8.0	116	1.80	63.54											
	10.0	145	1.50	52.95											
	12.5	181	1.10	38.83											
SZ-20D	7.0	102	2.70	95.31	15	20	Direct driving	65	3/4	18	1200	750	1050	500	
	8.0	116	2.60	91.78											
	10.0	145	2.50	88.25											
	12.5	181	1.70	60.01											
SZ-30D	7.0	102	3.70	130.61	22	30	Direct driving	65	1	18	1350	850	1170	600	
	8.0	116	3.50	123.55											
	10.0	145	3.40	120.02											
	12.5	181	2.40	84.72											
SZ-50D	7.0	102	6.50	229.45	37	50	Direct driving	68	1 1/2	20	1580	920	1220	1200	
	8.0	116	6.30	222.39											
	10.0	145	6.20	218.86											
	12.5	181	/	/											
SZ-75D (W)	7.0	102	10.80	381.24	55	75	Direct driving	72	2	40	1700	1180	1650	1500	
	8.0	116	10.60	374.18											
	10.0	145	/	/											
	12.5	181	6.50	229.45											
SZ-100D (W)	7.0	102	12.50	441.25	75	100	Direct driving	72	2	60	1850	1250	1650	1800	
	8.0	116	12.20	430.66											
	10.0	145	12.00	423.60											
	12.5	181	10.60	374.18											
SZ-120D (W)	7.0	102	17.00	600.10	90	120	Direct driving	75	DN65	70	2100	1370	1700	2000	
	8.0	116	16.80	593.04										1900	
	10.0	145	/	/											
	12.5	181	11.80	416.54											
SZ-150D (W)	7.0	102	20.20	713.06	110	150	Direct driving	75	DN65	100	2300	1550	1900	2400	
	8.0	116	20.00	706.00										2100	
	10.0	145	17.20	607.16										1700	
	12.5	181	/	/										2100	
SZ-175D (W)	7.0	102	23.50	829.55	132	175	Direct driving	78	DN80	100	2900	1890	1950	2800	
	8.0	116	22.80	804.84										2300	
	10.0	145	20.00	706.00					1550						
	12.5	181	16.80	593.04					1900						
SZ-215D (W)	7.0	102	28.30	998.99	160	215	Direct driving	78	DN100	100	2900	1890	2050	3500	
	8.0	116	27.80	981.34										2900	
	10.0	145	23.00	811.90					1890						
	12.5	181	19.50	688.35					1950						
SZ-250D (W)	7.0	102	33.20	1171.96	185	250	Direct driving	78	DN100	150	2900	1890	2050	4000	
	8.0	116	33.00	1164.90										2900	
	10.0	145	28.00	988.40					1890						
	12.5	181	23.00	811.90					1950						
SZ-340D (W)	7.0	102	43.80	1546.14	250	340	Direct driving	82	DN125	150	3100	2000	2100	5000	
	8.0	116	43.00	1517.90										2900	
	10.0	145	/	/					1890						
	12.5	181	32.00	1129.60					2050						

- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

INTELLIGENT AIR COMPRESSOR STATION SYSTEM



Smart Power Meter and Mobile Monitoring System

Clamp-type Aluminium Piping

Intelligent Flowmeter

Dew Point Meter

Intelligent Air Compressor Station System

PARTNER OF SEIZE

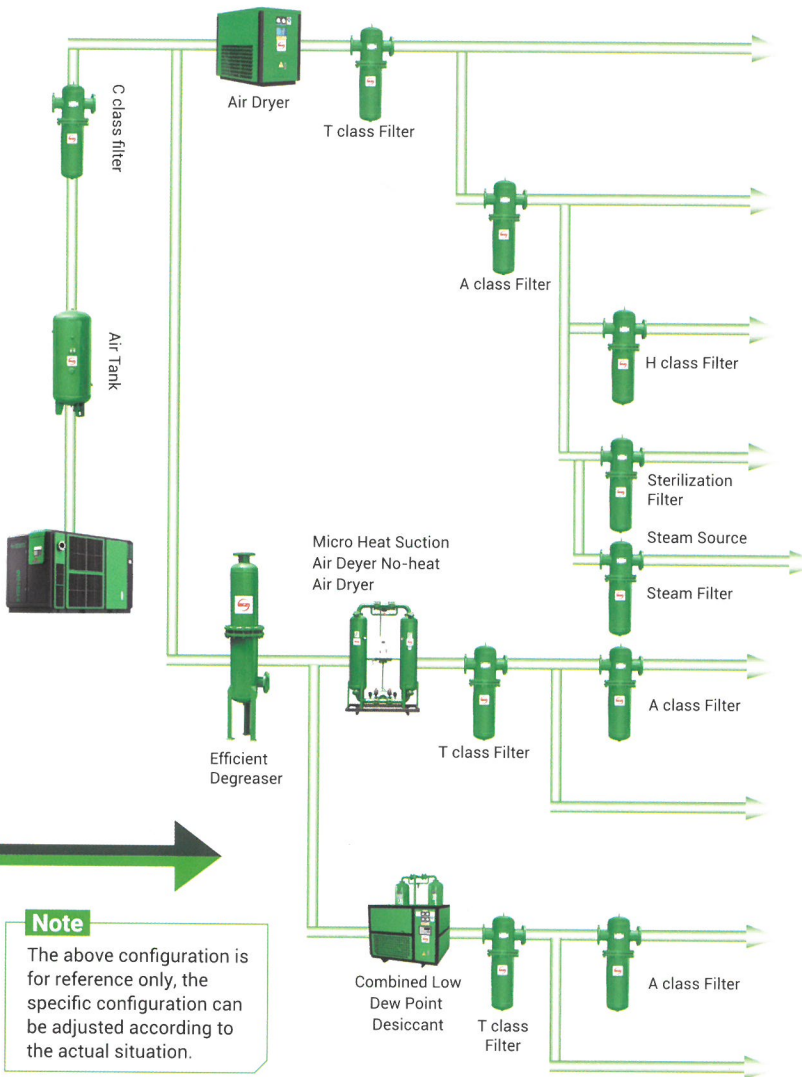
SEIZE ENERGY-SAVING MISSION

Make Partner Get The Lowest Compressed-air Cost.

SEIZE VISION

To Be A Global Well-known Energy-saving, High-end Air Compressor Brand And Share Achievement With Customers, Staffs, Shareholders And Suppliers.





Note
The above configuration is for reference only, the specific configuration can be adjusted according to the actual situation.

Normal Dew Point: **-23°C** Oil Content: **1ppm**
Dust Particle Size: **< 1um**
Pneumatic Machinery, Electroplating Paint and Other Process Gas

Normal Dew Point: **-23°C** Oil Content: **0.01ppm**
Dust Particle Size: **< 0.01um**
Advanced Spraying, Pneumatic Conveying, Pneumatic Bearings, Instrumentation

Normal Dew Point: **-23°C** Oil Content: **0.003ppm**
Dust Particle Size: **< 0.01um**
Pharmaceutical, Food, Industrial, Breathing Air, Deodorant, Sterilization

Normal Dew Point: **-23°C** Oil Content: **0.01ppm**
Dust Particle Size: **< 0.01um**
Dairy Products, Dental Equipment, Bioengineering, Food Processing, Pharmaceutical Industry

Pressure Dew Point: **≤20°C~-70°C**
Oil Content: **0.01ppm** Dust Particle Size: **< 0.01um**
Electricity, Chemical, Precision Machinery

Pressure Dew Point: **≤20°C~-70°C**
Oil Content: **0.01ppm** Dust Particle Size: **< 0.5um**
Pneumatic Instruments, Textile Chemical Fiber, Environmental Protection Industry

Pressure Dew Point: **-40°C~-70°C**
Oil Content: **0.01ppm** Dust Particle Size: **< 0.01um**
Film, Air-dried Electronic Parts

Pressure Dew Point: **-40°C~-70°C**
Oil Content: **0.01ppm** Dust Particle Size: **< 1um**
Biological Engineering, Advanced Spray, Electronics Industry



GLOBAL SERVICE NETWORK





Customer First
Extremely Energy Saving



Official Website



Official Website

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www.sz-aircompressor.com