

Energy-saving Screw Air Compressor

Motor Power Range

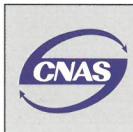
➤ 15kw ~ 560kw

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!*

www.seize-air.com 02

CERTIFICATES AND PATENTS

CE Certificate



Brand Certificate



ISO Certificate



**SEIZE has won more than
70 patents to this day**

Patent
No. ZL201630115146.0



Patent
No. ZL20AV1620152558.6



Patent
No. ZL201620152558.6



Patent
No. ZL201620889318.4



Patent
No. ZL201621158997.4



Patent
No. ZL201621365506.X



PROCESSING EQUIPMENT



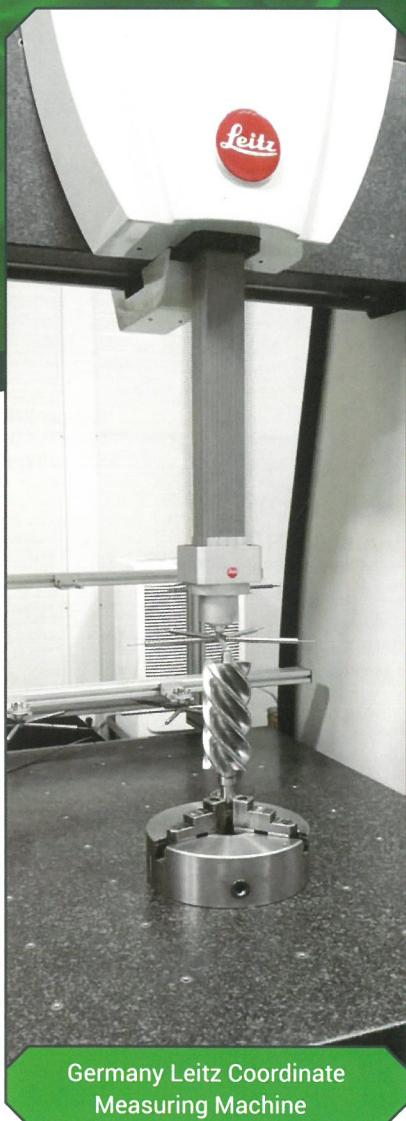
Germany Kapp
Rotor Grinder



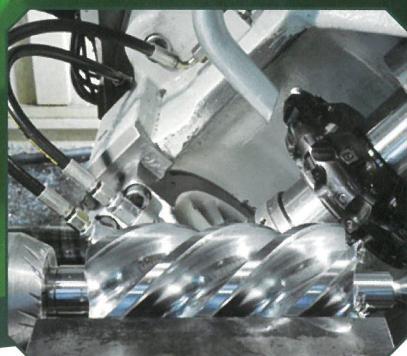
Japan Lokuma
Processing Center



Constant Temperature
Processing and Grinder



Germany Leitz Coordinate
Measuring Machine



CBN Disks



Ceramically Bonded Disk



SEIZEAIR
EES COMPRESSORS

DEVELOPMENT OF AIR COMPRESSOR

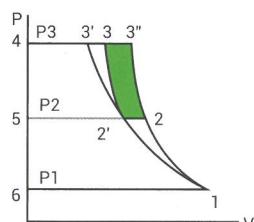




Since 2013
2-stage Screw Type

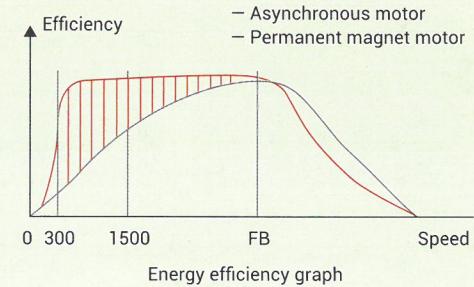
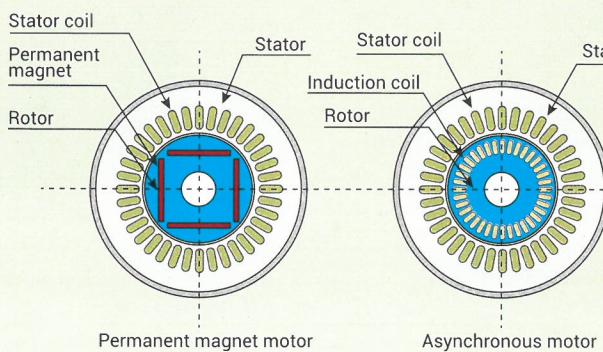
Since 2014
2-stage+PMM+VFD Initiated by SEIZE

Air-end efficiency
Why two-stage is more energy-saving than one-stage

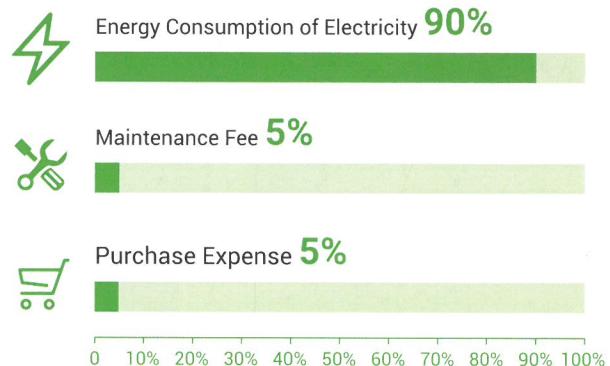


12'3' is the process of isothermal compression
123'' is the process of one-stage compression
12'2'3' is the process of two-stage compression

2012 Difference between permanent magnet motor and asynchronous motor



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: $1000 \times 2 \times 10 = \text{USD}20,000$
- * 10-year electricity cost: $75 \times 8000 \times 10 \times \text{USD}0.1 = \text{USD}600,000$
- * 10-year total cost: $10,000 + 20,000 + \text{USD}600,000 = \text{USD}630,000$

** 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 !

SCREW AIR COMPRESSOR WITH TWO-STAGE COMPRESSION AIR-END

FEATURES AND ADVANTAGES

01

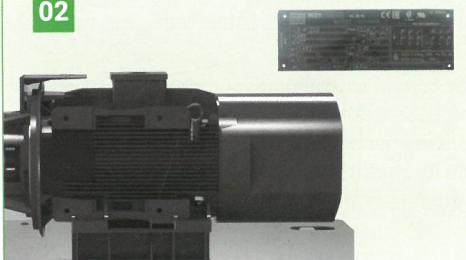


Feature:
Two-stage compression air-end

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:**

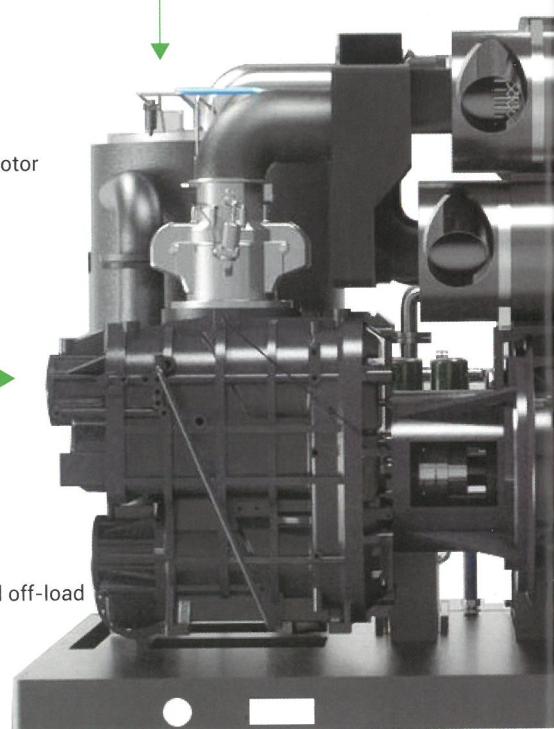
Seamless piping system

Advantage:

Smooth, rust-free, good appearance

Benefit:

No pressure loss





Feature:
Large oil system

Advantage:
Reduce internal pressure loss
Avoid oil leakage for safety

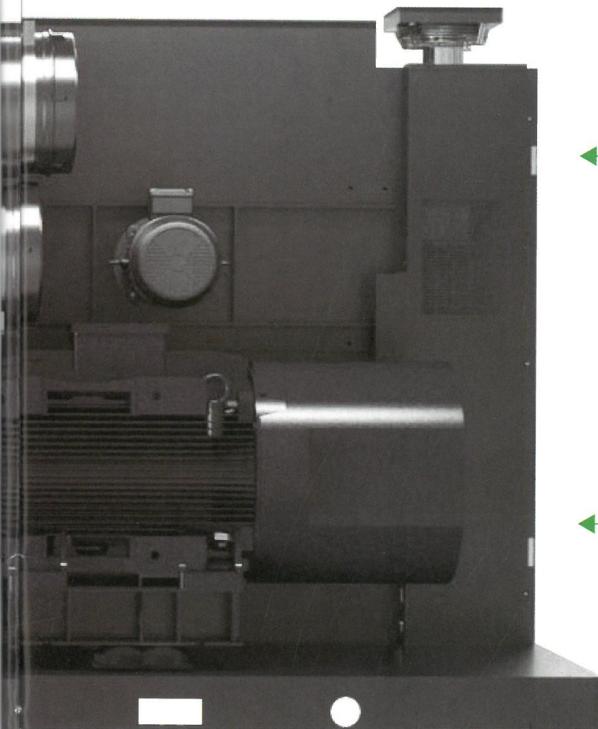
Benefit:
3% energy-saving



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

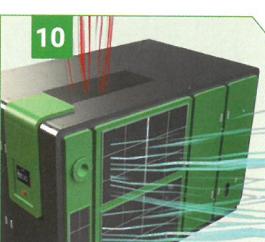
Benefit:
Simple operation and trouble free



Feature:
Double filtering system

Advantage:
Remove impurity from air and ensure air cleanliness

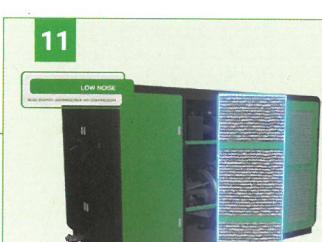
Benefit:
Longer life of air-end and lubrication oil



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	Dimensions (mm)			Weight kg
	bar	psig	m³/min	cfm	kw	hp					L	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										
	12.5	181	0.5~2.0	17.7~70.6										
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										
	12.5	181	0.7~2.7	24.7~95.3										
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					1 1/2	24	1550	980	1300	1100
	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										
	12.5	181	0.7~2.9	24.7~102.4										
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					1 1/2	24	1550	980	1300	1150
	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										
	12.5	181	1.1~4.3	38.8~151.8										
SZ-50TPM	4.5	65	2.6~10.3	91.8~363.6	37	50	Direct driving	68	2	50	1700	1130	1430	1650
	5.5	80	2.4~9.5	84.7~335.4										
	6.5	94	2.2~8.7	77.7~307.1					50	50	1700	1130	1430	1450
	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										
	12.5	181	1.4~5.6	49.4~197.7										
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					2	50	1850	1180	1430	2000
	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										
	12.5	181	1.6~6.4	56.5~225.9										

- 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	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					L	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					2	50	1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	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					DN65	70	2300 (2300)	1670 (1500)	1690 (1750)	2650 (2700)
	7.5	109	4.2~16.6	148.3~550.7										
	8.5	123	3.8~15.6	134.1~554.2					2 1/2	2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)	
	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					DN80	100	2750 (2750)	1780 (1780)	1950 (1950)	3700 (3700)
	7.5	109	5.3~20.8	187.1~734.2										
	8.5	123	4.9~20.0	173.0~706.0					DN65	70	2300 (2300)	1670 (1500)	1690 (1750)	3100 (3200)
	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					DN80	100	2750 (2750)	1780 (1780)	1950 (1950)	3800 (3700)
	7.5	109	6.1~24.5	215.3~864.9										
	8.5	123	5.8~23.5	204.7~829.6					DN65	70	2300 (2300)	1670 (1500)	1690 (1750)	4000 (3800)
	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					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4300 (3900)
	7.5	109	6.5~26.0	229.5~917.8										
	8.5	123	6.1~24.8	215.3~875.4					DN80	100	2750 (2750)	1780 (1780)	1950 (1950)	4000 (3800)
	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					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4400 (4000)
	7.5	109	7.2~30.0	254.2~1059.0										
	8.5	123	6.9~28.0	243.6~988.4					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4400 (4000)
	10.5	152	6.1~24.1	215.3~850.7										
	12.5	181	5.4~21.3	190.6~751.9										

■ 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.

PERMANENT MAGNET MOTOR + INVERTER + TWO-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					db	inch	L	L
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										
	6.5	94	11.0~44.0	388.3~1553.2										
	7.5	109	10.7~42.0	377.7~1482.6					DN125	150	3250 (3250)	1950 (1950)	2150 (2150)	6500 (6200)
	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										
	6.5	94	11.5~46.0	406.0~1623.8					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7300 (6500)
	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										
	6.5	94	12.7~51.0	448.3~1800.3					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7500 (6600)
	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										

- 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	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					db	inch	L	L
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					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	7600 (6800)
	10.5	152	11.7~46.0	413.0~1623.8										
	12.5	181	10.3~41.2	363.6~1454.4										
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					DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8500 (8600)
	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										
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					DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	8800 (9000)
	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										
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					DN150	200	3800 (3800)	2300 (2300)	2400 (2400)	9200 (9500)
	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										

■ 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	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					db	inch	L	L
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							1700	1130	1460	1650
	7.5	109	10.0	353.0					2	50	2250 (2300)	1370 (1500)	1700 (1750)	2400 (2500)
	8.5	123	9.8	345.9							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	10.5	152	6.8	240.0							2250 (2300)	1370 (1500)	1700 (1750)	2400 (2500)
	12.5	181	6.6	233.0							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
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							2250 (2300)	1370 (1500)	1700 (1750)	2400 (2500)
	7.5	109	12.3	434.2					2	50	1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	8.5	123	12.2	430.7							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	10.5	152	10.0	353.0							2250 (2300)	1370 (1500)	1700 (1750)	2400 (2500)
	12.5	181	9.8	345.9							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
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							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	8.5	123	15.0	529.5					2 1/2	50	1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	10.5	152	12.5	441.3							2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)
	12.5	181	12.0	423.6							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
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)	2650 (2700)
	6.5	94	19.1	674.2					DN65	70	2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)
	7.5	109	19.0	670.7							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	8.5	123	18.8	663.6					2 1/2	50	1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
	10.5	152	16.0	564.8							2250 (2300)	1370 (1500)	1700 (1750)	2500 (2700)
	12.5	181	15.0	529.5							1850 (1800)	1180 (1320)	1430 (1370)	2100 (2000)
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	2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	7.5	109	23.7	836.6							2750 (2750)	1780 (1780)	1950 (1950)	4600 (4400)
	8.5	123	23.3	822.5					2 1/2	50	2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	10.5	152	19.0	670.7							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	12.5	181	18.5	653.1							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
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	2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	7.5	109	30.1	1062.5							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	8.5	123	26.5	935.5							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	10.5	152	23.8	840.1							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)
	12.5	181	21.3	751.9							2900 (2900)	1940 (1940)	1950 (1950)	4600 (4400)

- 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.
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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	m³/min	cfm	kw	hp					L	L	W	
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					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4900 (4600)
	6.5	94	33.2	1172.0										
	7.5	109	33.0	1164.9										
	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					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4800 (4700)
	6.5	94	38.9	1373.2										
	7.5	109	33.6	1186.1										
	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					DN100	120	2900 (2900)	1940 (1940)	1950 (1950)	4800 (4700)
	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					DN125	180	3500 (3500)	2250 (2100)	2300 (2400)	8000 (7800)
	6.5	94	21.7~60.0	766.0~2118.0										
	7.5	109	19.5~55.3	688.4~1952.1										
	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										

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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	m³/min	cfm	kw	hp					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										11000

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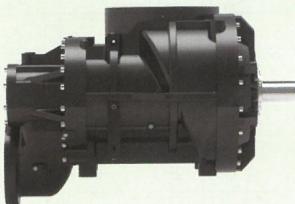
New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					db	inch	L	L
SZ-540TW	-	-	-	-	400	540	Direct driving	88	-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	6.5	94	100.9	3561.8					DN200	250	4600	2400	2650	14500
	7.5	109	93.3	3293.5					DN150	200	4000	2400	2650	14000
	8.5	123	82.1	2898.1					DN200	250	4600	2400	2650	11400
	10.5	152	76.3	2693.4					DN150	200	4300	2400	2650	14500
	12.5	181	69.9	2467.5					DN200	250	4600	2400	2650	14500
SZ-600TW	-	-	-	-	450	600	Direct driving	88	-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	7.5	109	100.7	3554.7					DN200	250	4600	2400	2650	15000
	8.5	123	93.1	3286.4					DN150	200	4300	2400	2650	14500
	10.5	152	81.9	2891.1					DN200	250	4600	2400	2650	14500
	12.5	181	76.0	2682.8					DN200	250	4600	2400	2650	14500
SZ-680TW	-	-	-	-	500	680	Direct driving	88	-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	8.5	123	100.5	3547.7					DN200	250	4600	2400	2650	15500
	10.5	152	92.7	3272.3					DN150	200	4300	2400	2650	15000
	12.5	181	81.7	2884.0					DN200	250	4600	2400	2650	15000
SZ-750TW	-	-	-	-	560	750	Direct driving	88	-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	-	-	-	-					-	-	-	-	-	-
	10.5	152	100.1	3533.5					DN200	250	4600	2400	2650	16000
	12.5	181	92.3	3258.2					DN200	250	4600	2400	2650	16000

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

FEATURES AND ADVANTAGES

01

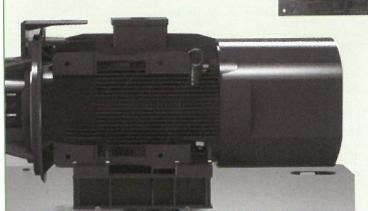


Feature:
One-stage compression low pressure
air-end

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

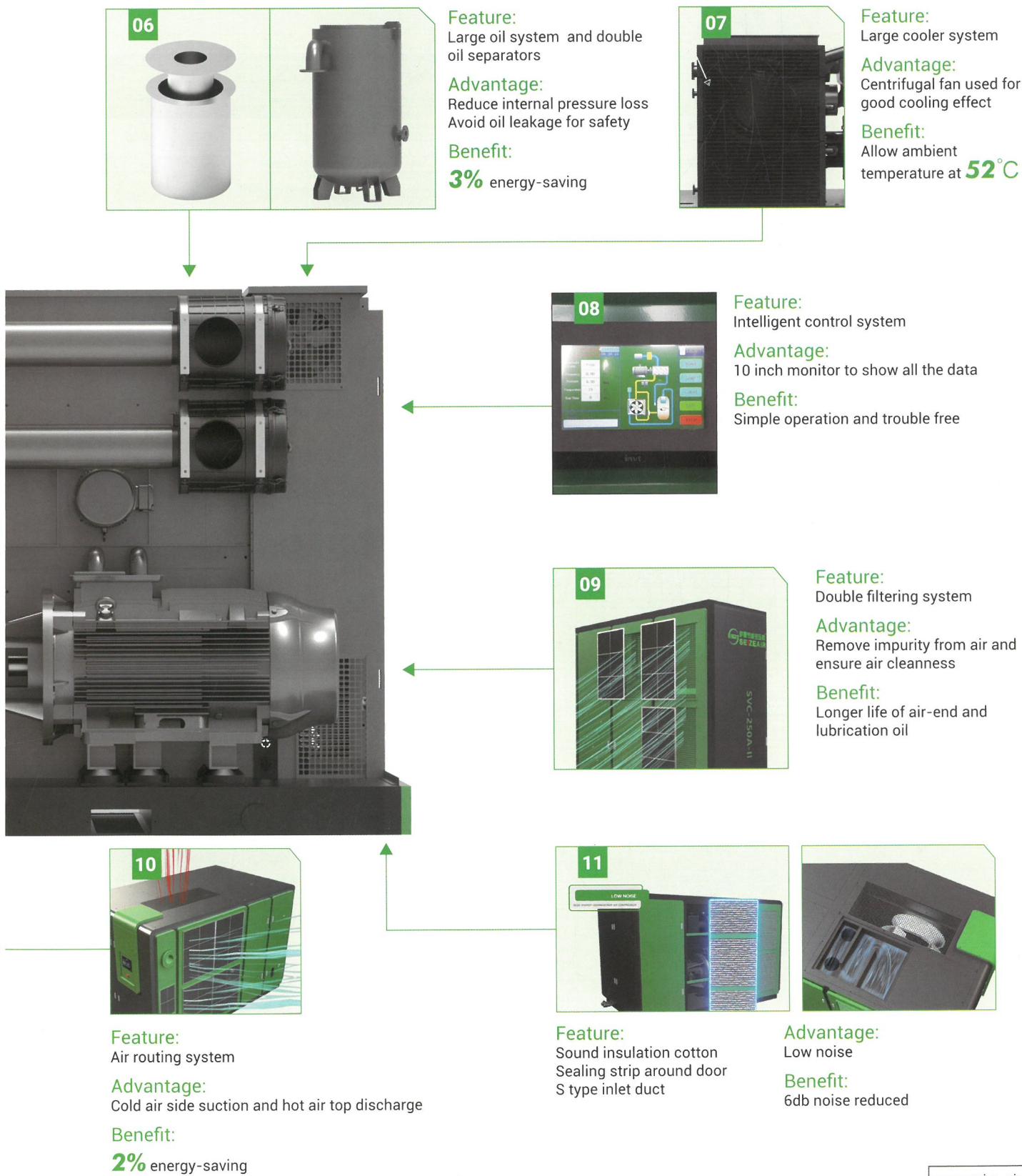
05

Feature:
Seamless piping system

Advantage:
Smooth, rust-free, good appearance

Benefit:
No pressure loss





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

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Outlet pipe dia. inch	Dimensions (mm)			Weight kg	
	bar	psig	m³/min	cfm	kw	hp			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									
	4.0	58	4.0~16.0	141.2~564.8									
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					2300 (2500)	1680 (1700)	1890 (2050)		
	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									
	3.0	44	7.9~32.0	278.9~1129.6									
	3.5	51	7.5~29.0	264.8~1023.7					2430 (2580)	1740 (1760)	2000 (2020)		
	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									
	3.0	44	9.2~36.8	324.8~1299.0				DN125	3000 (3140)	1840 (1910)	1920 (2090)	5000	
	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									
	3.0	44	11.8~47.2	416.5~1666.2				DN125	3000 (3140)	1840 (1910)	1920 (2090)	5000	
	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									
	3.0	44	12.5~50.0	441.3~1765.0				DN125	3000 (3140)	1840 (1910)	1920 (2090)	5100	
	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
	bar	psig	m³/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)	
	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					4500 (4500)	2250 (2250)	2440 (2440)	
	3.0	44	18.3~73.1	646.0~2580.4				DN200	4400 (4400)	2250 (2250)	2440 (2440)	8800
	3.5	51	16.6~67.5	586.0~2382.8					4340 (4340)	2250 (2250)	2440 (2440)	
	4.0	58	15.6~62.6	550.7~2209.8				DN150	3900 (3900)	2400 (2400)	2440 (2440)	8200
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					4400 (4400)	2250 (2250)	2440 (2440)	
	3.0	44	21.0~83.6	741.3~2951.1				DN200	3900 (3900)	2400 (2400)	2440 (2440)	9000
	3.5	51	19.3~77.1	681.3~2721.6								
	4.0	58	16.6~69.0	586.0~2435.7								
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					4400 (4400)	2250 (2250)	2440 (2440)	
	3.5	51	21.4~85.5	755.4~3018.2				DN200	3900 (3900)	2400 (2400)	2440 (2440)	9200
	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					4400 (4400)	2250 (2250)	2440 (2440)	
	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

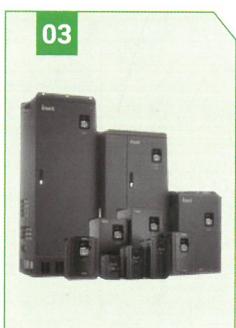


02

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



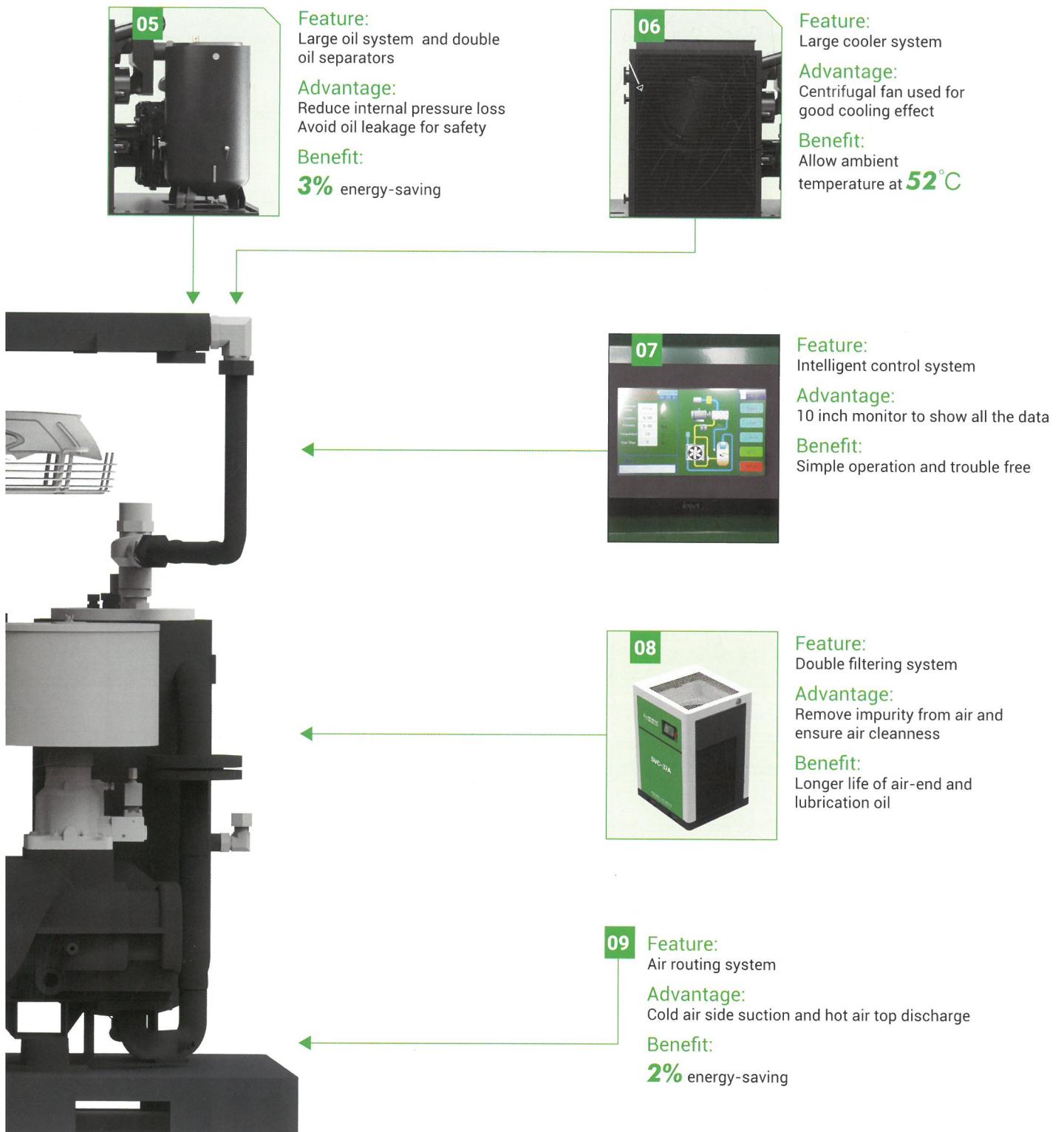
04

Feature:
Seamless piping system

Advantage:
Smooth, rust-free, good appearance

Benefit:
No pressure loss





PERMANENT MAGNET MOTOR + INVERTER + ONE-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					db	inch	L	L
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										
	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										
	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										
	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	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					L	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										
	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										
	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										
	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										
	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										

■ 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	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/min	cfm	kw	hp					db	inch	L	L
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										

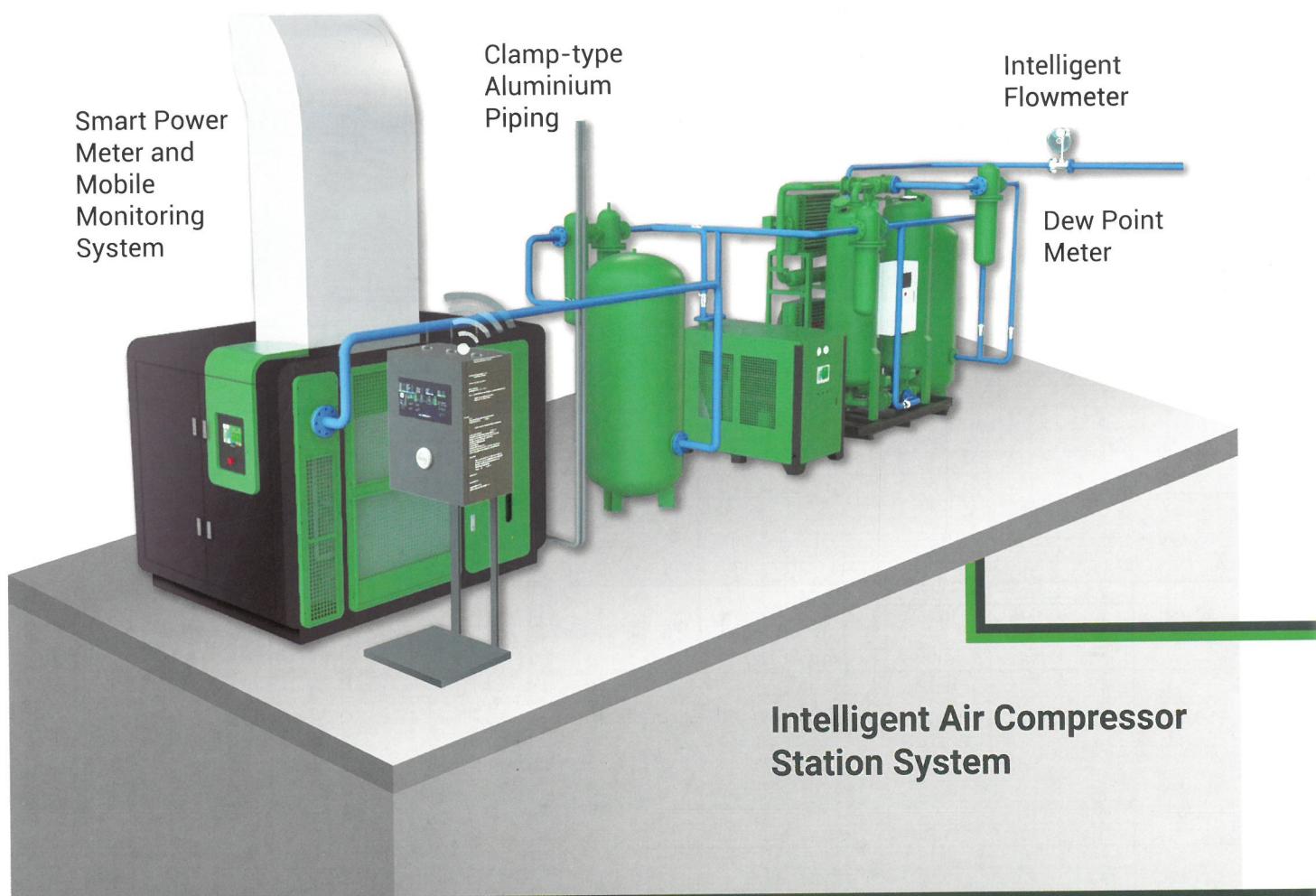
- Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and 1 bar intake absolute pressure.
- Emitted sound pressure values from 64 dB(A) according to DIN EN ISO 2151:2009.
- Technical data subject to change.

INDUCTION MOTOR + FIXED SPEED + ONE-STAGE

New Model	Maximum working pressure		Capacity (FAD)		Motor power		Mode of driving	Noise level	Outlet pipe dia.	Coolant	Dimensions (mm)			Weight
	bar	psig	m³/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										
	10.0	145	/	/										1900
	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										
	10.0	145	17.20	607.16										2100
	12.5	181	/	/										
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										
	10.0	145	20.00	706.00										2500
	12.5	181	16.80	593.04										
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										
	10.0	145	23.00	811.90										3300
	12.5	181	19.50	688.35										
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										
	10.0	145	28.00	988.40										3600
	12.5	181	23.00	811.90										
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										4500
	10.0	145	/	/										
	12.5	181	32.00	1129.60										

- 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



PARTNER OF SEIZE

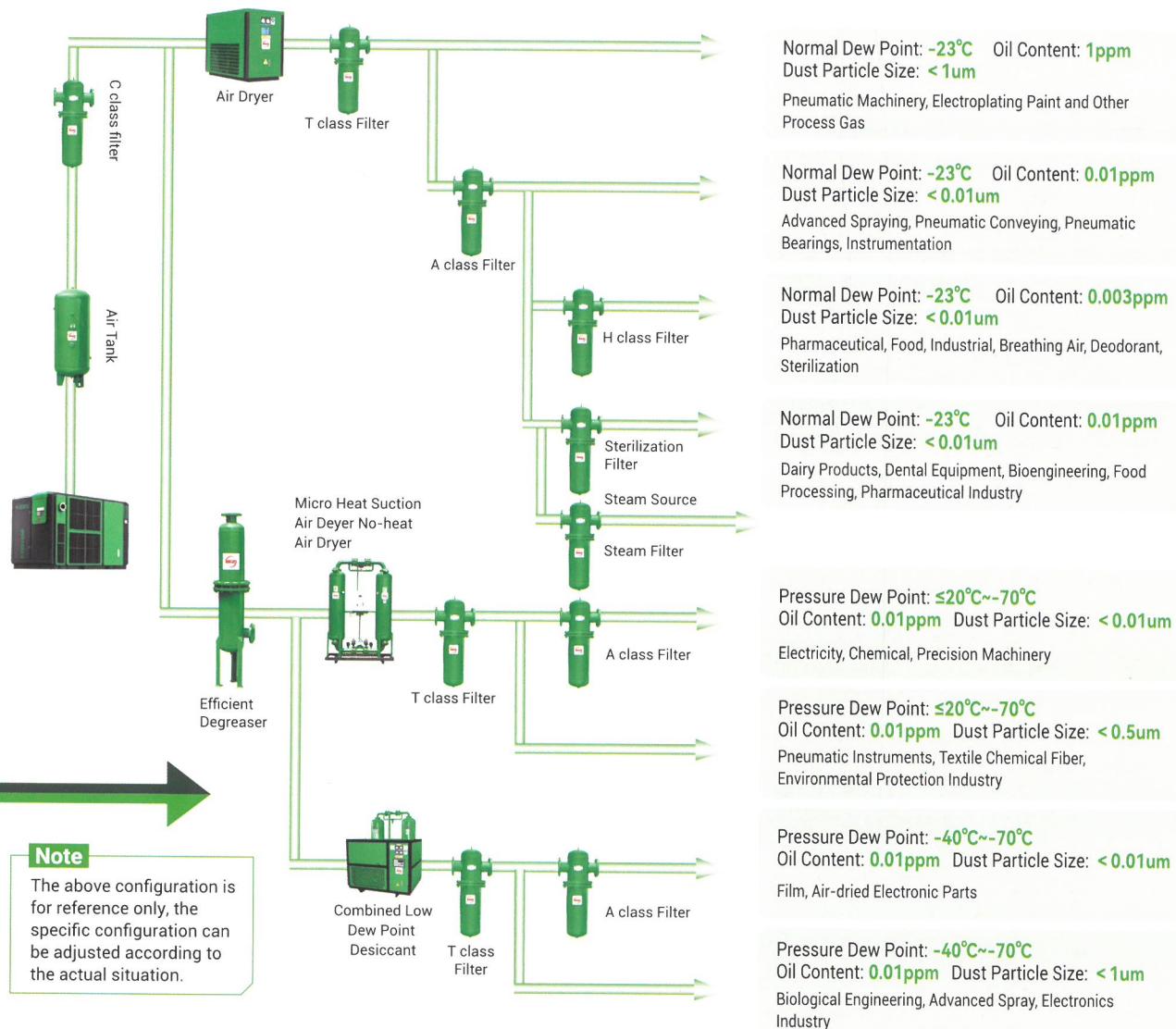
SEIZE ENERGY-SAVING MISSION

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.





GLOBAL SERVICE NETWORK







Customer First Extremely Energy Saving



Official Website



Official Website

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www.sz-aircompressor.com

Specifications are subject to change without notice due to improvement in performance. Anything needed please contact us.

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