

PRODUCT ● SCHRAUB INTRODUCTION

SCHRAUB SINGLE STAGE SCREW COMPRESSOR

1 STABLE AND RELIABLE CONTROL SYSTEM

2 LOW NOISE DESIGN

3 DIRECT DRIVEN

4 HIGH EFFICIENCY AIREND

● New technology, stable and reliable ● Reduce transmission losses and save

TECHNICAL SPECIFICATIONS

SCHRAUB DIRECT DRIVEN FIXED-SPEED SCREW COMPRESSOR

Model	Power (kw)	Pressure (Bar)	FAD (m /min)	Noise [dB(A)]	Dimension (mm)	Weight (kg)	Air Outlet Size
SA-10	75	0.8	0.8	70±3	1020*700*1000	260	G3/4
SA-15	11	0.8	1.7	70±3	1130*750*1000	370	G1
SA-20	15	0.8	2.2	70±3	1130*750*1000	400	G1
SA-30	22	0.8	3.2	72±3	1350*950*1230	630	G1
SA-40	30	0.8	4.9	72±3	1580*1080*1380	650	G1-1/2
SA-50	37	0.8	6.0	72±3	1580*1080*1380	690	G1-1/2
SA-60	45	0.8	6.7	75±3	1700*1400*1660	1270	G2
SA-75	55	0.8	9.3	75±3	1700*1400*1660	1300	G2
SA-100	75	0.8	12.0	75±3	1800*1400*1660	1350	G2
SA-125	90	0.8	15.0	75±3	2100*1510*1800	2120	G2
SA-150	110	0.8	19.0	83±3	2600*1510*1960	2470	DN65
SA-175	132	0.8	21.7	83±3	2600*1510*1960	2860	DN65
SA-200	160	0.8	27.0	85±3	3000*1510*1860	3200	DN80
SA-250	185	0.8	29.5	85±3	3600*2000*2050	4200	DN80
SA-300	220	0.8	38.1	85±3	3600*2000*2050	4600	DN100
SA-350	250	0.8	42.0	87±3	3600*2000*2050	4950	DN100

*The specifications are subject to change without prior notice for our continuous improvement.

TECHNICAL SPECIFICATIONS

SCHRAUB BELT DRIVEN FIXED-SPEED SCREW COMPRESSOR

Model	Power (kw)	Pressure (Bar)	FAD (m /min)	Noise [dB(A)]	Dimension (mm)	Weight (kg)	Air Outlet Size
SA-10P	7.5	0.8	1.0	72±3	950*650*950	295	R3/4
		1.0	0.9				
SA-15P	11	1.2	0.7	72±3	1000*830*1200	410	R3/4
		0.8	1.7				
SA-20P	15	1.0	1.5	72±3	1000*830*1200	420	R3/4
		1.2	1.1				
SA-30P	22	0.8	2.2	75±3	1150*950*1385	580	R1
		1.0	1.8				
SA-40P	30	1.2	1.4	75±3	1280*1080*1480	770	R1-1/2
		0.8	3.2				
SA-50P	37	1.0	2.9	75±3	1280*1080*1480	780	R1-1/2
		1.2	2.0				
SA-60P	45	0.8	4.7	78±3	1280*1080*1480	790	R1-1/2
		1.0	4.3				
SA-75P	55	1.2	3.5	78±3	1700*1400*1660	1440	R2
		0.8	5.6				
SA-100P	75	1.0	4.8	78±3	1700*1400*1660	1550	R2
		1.2	3.8				
		0.8	6.5				
		1.0	5.2				
		1.2	4.5				
		0.8	9.3				
		1.0	7.4				
		1.2	6.0				
		0.8	12.0				
		1.0	10.7				
		1.2	8.9				

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PRODUCT ● SCHRAUB INTRODUCTION

SCHRAUB SINGLE STAGE PM-VSD SCREW COMPRESSOR

Intelligent VSD technology, high efficiency, energy saving, and stable operation (Widely used in textile, chemical fiber technology transportation, Medical industry, food industry, painting industry, etc.)



ADVANCED SCREW AIR-END

- 1 HIGH QUALITY
- 2 RELIABILITY ENERGY
- 3 SAVING



MONITOR & CONTROL KEY COMPRESSOR FU

- Protect compressor in event of faults
- Provide service required information
- Sequencing of up to 8 compressors

- Comfortable touchpanel
- RS 485 interface



TECHNICAL SPECIFICATIONS

SCHRAUB TWO STAGE PM-VSD SCREW COMPRESSOR

Model	Power (kw)	Pressure (Bar)	FAD (m /min)	Noise [dB(A)]	Dimension (mm)	Weight (kg)	Air Outlet Size
SA-10PM	7.5	0.7	1.2	70±3	1020*700*1000	220	G3/4
		0.8	1.14				
		1.0	0.9				
		1.3	0.7				
SA-15PM	11	0.7	1.95	70±3	1130*750*1000	330	G1
		0.8	1.87				
		1.0	1.5				
		1.3	1.1				
SA-20PM	15	0.7	2.48	70±3	1130*750*1000	340	G1
		0.8	2.39				
		1.0	1.8				
		1.3	1.4				
SA-30PM	22	0.7	3.4	72±3	1350*950*1230	580	G1
		0.8	3.5				
		1.0	3.0				
		1.3	2.3				
SA-40PM	30	0.7	5.4	72±3	1580*1080*1380	620	G1-1/2
		0.8	5.2				
		1.0	4.0				
		1.3	3.1				
SA-50PM	37	0.7	6.7	72±3	1580*1080*1380	640	G1-1/2
		0.8	6.4				
		1.0	5.2				
		1.3	4.4				
SA-60PM	45	0.7	7.6	75±3	1700*1400*1660	1230	G2
		0.8	7.3				
		1.0	6.0				
		1.3	5.3				
SA-75PM	55	0.7	10.5	75±3	1700*1400*1660	1250	G2
		0.8	10.1				
		1.0	7.4				
		1.3	6.4				
SA-100PM	75	0.7	13.6	75±3	1800*1400*1660	1290	G2
		0.8	13.1				
		1.0	11.0				
		1.3	9.4				
LA-125PM	90	0.7	16.7	75±3	2100*1510*1800	2020	G2
		0.8	16.1				
		1.0	12.5				
		1.3	11.0				

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TECHNICAL SPECIFICATIONS

SCHRAUB PM-VSD SCREW COMPRESSOR

Model	Power (kw)	Pressure (Bar)	FAD (m /min)	Noise [dB(A)]	Dimension (mm)	Weight (kg)	Air Outlet Size
SA-150PM	110	0.7	21.1	83±3	2600*1510*1960	2120	DN65
		0.8	20.3				
		1.0	16.0				
		1.3	14.0				
SA-175PM	132	0.7	24.1	83±3	2600*1510*1960	2620	DN65
		0.8	23.2				
		1.0	19.5				
		1.3	16.0				
SA-200PM	160	0.7	29.7	85±3	3000*1510*1860	3120	DN80
		0.8	28.0				
		1.0	24.3				
		1.3	21.3				
SA-250PM	185	0.7	31.8	85±3	3600*2000*2050	4100	DN80
		0.8	30.7				
		1.0	26.5				
		1.3	23.5				
SA-275PM	200	0.7	35.0	85±3	3600*2000*2050	4200	DN100
		0.8	33.5				
		1.0	32.0				
		1.3	26.5				
SA-300PM	220	0.7	40.6	85±3	3600*2000*2050	4500	DN100
		0.8	38.1				
		1.0	33.5				
		1.3	29.0				
SA-350PM	250	0.7	45.3	87±3	3600*2000*2050	4800	DN100
		0.8	43.1				
		1.0	37.5				
		1.3	33.0				

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PRODUCT ● SCHRAUB INTRODUCTION

SCHRAUB TWO STAGE SCREW COMPRESSOR

1

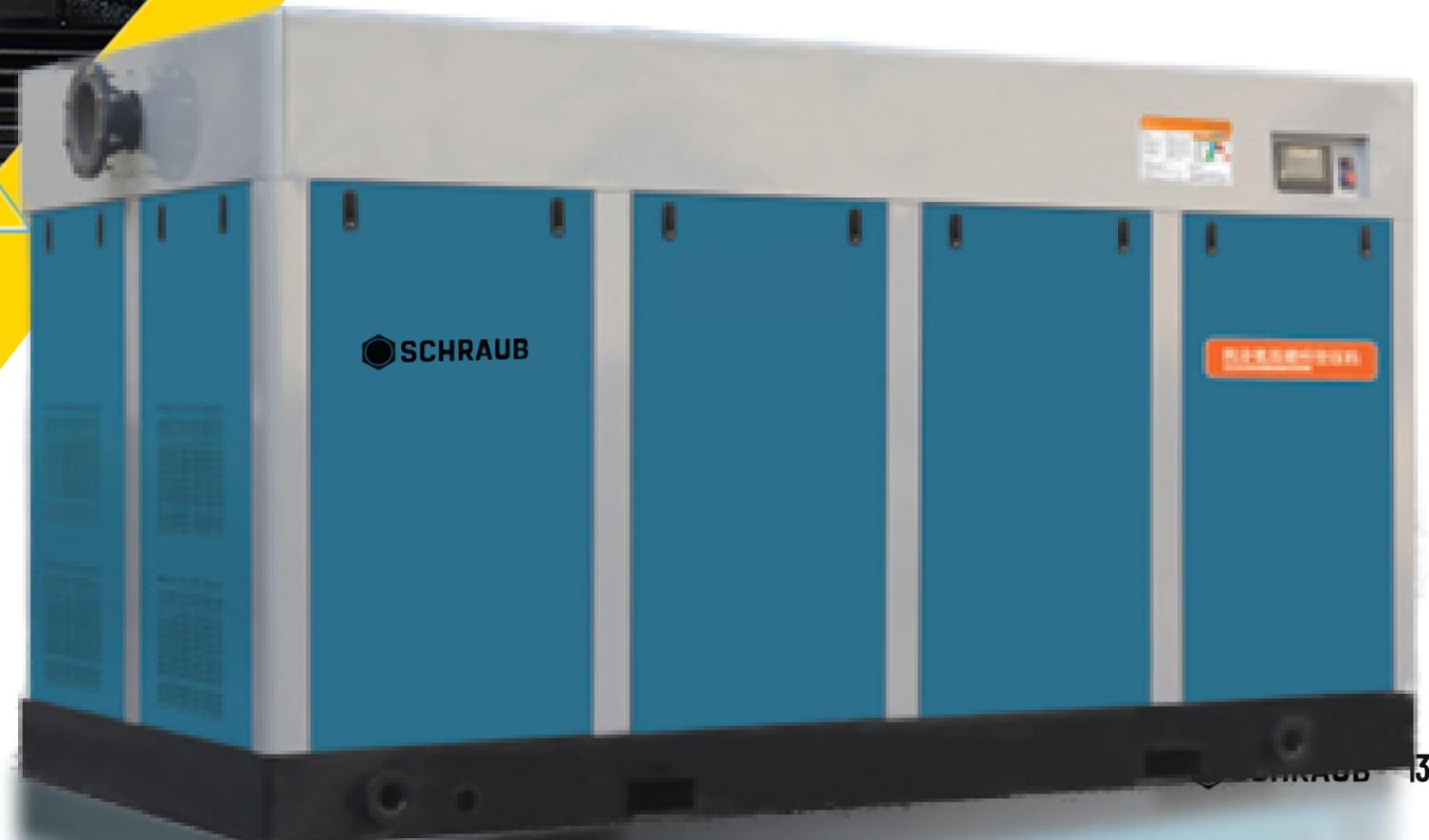
NEW GENERATION TWO-STAGE SCREW AIR END

2

HIGH EFFICIENT PERMANENT MAGNETIC MOTOR

3

ADVANCED CONTROL TECHNOLOGY FOR PM MOTOR DRIVER



TECHNICAL SPECIFICATIONS

SCHRAUB TWO STAGE PM-VSD SCREW COMPRESSOR

Model	Power (kw)	Pressure (Bar)	FAD (m /min)	Noise [dB(A)]	Dimension (mm)	Weight (kg)	Air Outlet Size
SAH-50PM	37	0.7	7.7	72±3	1800*1400*1560	1300	G2
		0.8	7.4				
		1	6				
		1.3	4.4				
SAH-75PM	55	0.7	13	75±3	2100*1510*1800	1830	G2
		0.8	12.5				
		1	10				
		1.3	7.8				
SAH-100PM	75	0.7	16.7	75±3	2100*1510*1800	1940	G2
		0.8	16.1				
		1	12.5				
		1.3	10				
SAH-125PM	90	0.7	21.1	75±3	2600*1510*1960	2600	DN85
		0.8	20.3				
		1	16				
		1.3	12.5				
SAH-150PM	110	7	25.3	83±3	2600*1510*1960	3350	DN65
		0.8	24.4				
		1	19				
		1.3	16				
SAH-175PM	132	0.7	29.7	83±3	3000*1900*2060	3700	DN80
		0.8	28				
		1	23.5				
		1.3	18.5				
SAH-200PM	160	0.7	35.1	85±3	3000*1900*2060	4200	DN80
		0.8	33.8				
		1	28				
		1.3	23				
SAH-250PM	185	0.7	40.5	85±3	3800*2000*2050	5200	DN100
		0.8	38				
		1	32				
		1.3	30.2				
SAH-275PM	200	0.7	44.3	85±3	3600*2000*2050	5300	DN100
		0.8	42.6				
		1	38.5				
		1.3	32				
SAH-300PM	220	0.7	49.7	85±3	3800*2230*2300	5600	DN125
		0.8	47.8				
		1	41.5				
		1.3	38				
SAH-350PM	250	7	55.5	87±3	3800*2230*2300	6500	DN125
		0.8	54.5				
		1	46				
		1.3	40				
SAH-420PM	315	7	62	90±3	5000*2570*2500	10000	DN150
		0.8	61				
		1	55				
		1.3	46				

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TECHNICAL SPECIFICATIONS

SCHRAUB TWO STAGE FIXED-SPEED SCREW COMPRESSOR

Model	Power (kw)	Pressure (Bar)	FAD (m /min)	Noise [dB(A)]	Dimension (mm)	Weight (kg)	Air Outlet Size
SAH-50	37	8	68	72±3	1800*1400*1660	1350	G2
		10	5.7				
		13	4.2				
SAH-75	55	8	11.5	75±3	2100*1510*1800	1910	G2
		1	10				
		13	7.5				
SAH-100	75	8	15.3	75±3	2100*1510*1800	2030	G2
		1	12				
		13	9.8				
SAH-125	90	8	19	75±3	2600*1510*1960	2650	DN65
		10	15.5				
		13	12				
SAH-150	110	8	22.5	83±3	2600*1510*1960	3400	DN65
		1	18.5				
		1.3	15				
SAH-175	132	8	26.5	83±3	3000*1900*2060	3800	DN80
		10	23				
		13	18				
SAH-200	160	8	32.2	85±3	3000*1900*2060	4300	DN80
		10	27.8				
		13	22				
SAH-250	185	8	38	85±3	3600*2000*2050	5300	DN100
		10	32				
		13	30.2				
SAH-275	200	8	40.6	85±3	3600*2000*2050	5400	DN100
		1	38				
		13	31.7				
SAH-300	220	8	45.5	87±3	3800*2230*2300	5700	DN150
		10	40.5				
		13	37				
SAH-350	250	8	54.5	87±3	3800*2230*2300	6600	DN150
		10	45				
		13	39.6				
SAH-420	315	8	61	90±3	5000*2570*2500	9800	DN150
		10	54.5				
		1.3	45.5				

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