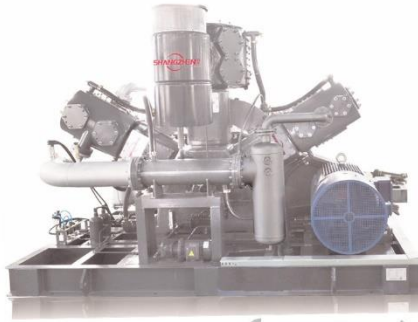


- **Innovative Design:** Featuring a W-type structure with three columns and three-stage compression, our system boasts higher efficiency and reduced piston force while occupying less floor space.
- **Enhanced Reliability:** Each of the three stages includes double-acting cylinders, with a minimum of two sets of intake and exhaust valves per stage. This design minimizes downtime caused by valve failure, reduces mechanical losses, and ensures smaller pressure differences.
- **Improved Performance:** The compression operation experiences minimal gas leakage, and the operation temperature at all levels is lowered, saving energy and extending the service life of wearing parts.
- **User-Friendly Crankshaft:** The forged steel crankshaft has a tapered end, processed through various techniques to facilitate easier installation and removal of the pulley.

- **Durable Construction:** With a stainless-steel body and valve cover, the compressor is resistant to rust and easy to assemble and disassemble. The imported PEEK valve offers lower noise and better sealing.
- **Optimized Water Chamber Design:** The innovative water chamber design lowers the service temperature of the air valve, piston, and stuffing box, significantly enhancing the service life of wearing parts.
- **Superior Materials:** The imported materials used for the piston ring and packing, combined with excellent design and processing, result in reduced friction and minimal leakage.
- **High-Quality Pistons:** The aluminum alloy and stainless-steel pistons, with their special design and precise machining, offer a longer service life.
- **Advanced Bearings:** The automatic aligning roller bearing requires no adjustments and ensures a longer service life.
- **Efficient Oil Management:** The special oil scraping ring and superior oil scraper design provide better oil scraping efficiency and longevity. A forced oil pump mounted on the crankshaft allows for adjustable supply pressure and includes a filter and relief valve.
- **Precision Engineering:** The connecting rod is precision-machined and uses special imported materials for the bush, eliminating the need for clearance adjustments and reducing the friction coefficient. Additionally, the American Standard belt wheel and imported Optibelt belt provide higher efficiency and longer service life.



SZVW-20/40

变频式 (VSD)

宽广的调节范围
Large adjust range
通过调节可节约平均20%能耗
20% of the total energy cost could be saved after adjustment
低启动电流
Low start electric current
稳定的管网压力
Steady air pipe pressure
变频器采用符合国际校准的宽电压设计
Frequency Converter Uses
Wide-voltage Design That Meets International Standards
天生小谐波，对笨重的高谐波方案说No
Born Small Harmonics, For Heavy High harmonic Say No



SZVW-12/40

智能控制 Intelligent control

可多机联控
Could achieve multi-compressors combination control
可实现节能与生产安全
Have the effect of energy saving and safe producing



SZVW-8/40-B

一体化撬装 Skid-mounted

无油空压机主机+储气罐+冷干机+3级过滤一体化撬装
Oil Free Air Compressor+Air Tank+Dryer+Filter Skid-mounted
一个控制柜，一键开关机
One Control Cabinet, Start And Close In One Key
占地面积小，安装便捷
Small Area, Easy Installation

40 Bar Technical Parameter:

Model	FAD		Host Type	Speed r.p.m	Size mm	Motor KW	Weight KG	Note
	m3/min	cfm						
SZW-6/40-B	6.5	229	W-Type 3-column 3-stage	500	4200X1800x2550	75	4800	Skid mounted
SZW-8/40-B	8.5	299		645		90	4900	
SZVW-6/40	6.5	229		500	3100X1900x2200	75	4200	Variable frequency
SZVW-8/40	8.5	299		645		90	4300	
SZVW-10/40	10.5	370		590		110	4700	
SZVW-12/40	13.0	460		710		132	4800	
SZVW-16/40	16.0	565		490		160	7900	
SZVW-18/40	18.0	636		550	185	8100		
SZVW-20/40	20.0	704		615	3600x2200x2200	200	8300	
SZVW-22/40	22.0	777		490		220	8500	
SZVW-25/40	25.0	882		550		250	8800	

□ Performance parameters are measured in accordance with ISO 2017 standards, based on the following reference conditions: an inlet temperature of 20°C and an inlet pressure of 1 bar.

□ Customization is available for special models.