

JUNIOR II Mobile SCBA Compressor 24V AC 60Hz Powerful For Air Breathing

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC



JUNIOR II-E

Product Specification

- Model NO.: JUNIOR II
- Origin: Jiangsu, China
- HS Code: 9020000000
- Supply Ability: 1000sets Per Month
- Types: Juniorii-B Juniorii-E Juniorii-W
- Material: PE
- Certification: CE, ISO, GII/Ec
- Transport Package: Orange Plastic Carton
- Specification: 75x47.5x31cm
- Trademark: KELISAIKE
- Customization: Available | Customized Request
- Highlight: **Mobile SCBA Breathing Air Compressor,
24V Mobile SCBA Compressor,
Mobile SCBA Filling Compressor**



JUNIOR II-W

More Images



JUNIOR II-B

Mobile High Pressure Compressor for Compressing Air and Breathing Air

Types:

JUNIORII-B | JUNIORII-E | JUNIORII-W

Production status: F01



JUNIOR II-E



JUNIOR II-W



JUNIOR II-B

Technical data sheet

Series:

JUNIOR II

Quality. Our DNA

General	
Medium 介质	Air 空气
Intake pressure 进气压力	Atmospheric 常压
Operating pressure 运行压力	225 bar / 330 bar, depending on setting of final safety valve 根据使用的安全阀
Allowed ambient temperature 使用环境温度	+5...+45 °C
Allowed altitude 海拔允许范围	0...1500 MSL 0-5000 米
Sound pressure level 声压	83 dB (A) 83 分贝
Sound power level 声功率	95 dB (A) 95 分贝
Control voltage (optional) 控制箱电压 (选配)	24 V AC, 50/60 Hz 24 V 交流电 50/60Hz
Compressor oil standard 压缩机润滑油	synthetic 合成油
Compressor oil intervals 换油周期	synthetic: 1x per year / 2000 hrs 合成油 每年或每 2000 小时 先到为准

Compressor unit	
Charging rate 流量	100 l/min (6 m³/h)
Filling pressure 充气压力	PN 200 / PN 300
Setting, final safety valve 安全阀设定	max. 225 bar / 330 bar 最大 225 bar / 330 bar
Setting, final pressure sensor (optional) 末级压力传感器设定 (选配)	max. 220 bar / 320 bar 最大 220 bar / 320 bar
Purification system 过滤系统	P 21
Power electric motor 电机功率	2,2 kW
Required cooling air flow, min. 冷却空气流量要求	660 m³/h
Max. Inclination 最大倾角	5°
Weight in kg (standard version) 重量 (标准设备)	approx. 46 kg

Dimensions (LxWxH) standard version 尺寸 (长 x 宽 x 高) 标准设备	655 x 360 x 415 mm
Dimensions (LxWxH) with automatic condensate drain and final pressure switch off 尺寸 (长 x 宽 x 高) 带冷凝水自动排放和末级压力停机的设备 (选配)	760 x 430 x 480 mm

1- phase motor 单项电机	
Power 功率	2.2 kW
Voltage ¹ 电压	230 V
Frequency 频率	50 Hz
Rated current 电流	13,2 A (bei 230 V/50 Hz)
Speed 转速	2850 rpm
Protection class 防护等级	IP55 (TEFC)
Rotation 转向	Left 向左
Weight 重量	24 kg

¹ Different voltage / frequency at additional charge.
不同电压/频率 额外收费

Standard scope of supply compressor unit: 压缩机的标准供货范围

- Compressor block
- 压缩机主机
- Drive
- 驱动
- Purification system
- 过滤系统
- Filling devices
- 充气装置

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Technical data sheet
Series:
JUNIOR II



- Motor protection switch
- 马达保护开关
- B-TIMER
- B-TIMER 电子计时器

Standard scope of supply:

分项供货范围

COMPRESSOR BLOCK

压缩机主机

- Splash lubrication
- 飞溅润滑
- Micronic intake filter: 10 µm
- 微尘进气过滤器: 10 µm
- Intermediate coolers, air cooled
- 中间级冷却器, 风冷
- Aftercooler, air cooled, outlet temperature max. 10-15 °C above cooling air temperature
- 末级冷却器, 风冷, 出口温度比环境温度高 10-15 度
- Intermediate separators after the 2nd stage
- 中间级油水分离器, 二级后
- Final separator for removal of oil-/water condensate
- 末级油水分离器
- Safety valves after each stage, TÜV approved final pressure safety valve (option)
- 各级后安全阀, 末级安全阀 TÜV 认证 (可选)
- Pressure maintaining and check valve after the final stage
- 末级后保压阀及止回阀

Series:
JUNIOR II

 **Quality. Our DNA**

Compressor block 压缩机主机	JUNIOR II-V001
Charging rate 流量	100 l/min
Speed 转速	2300 U/min
Number of stages 级数	3
Number of cylinders 缸数	3
Cylinder bore 1st stage 一级缸径	60 mm
Cylinder bore 2nd stage 二级缸径	28 mm
Cylinder bore 3rd stage 三级缸径	12 mm
Stroke 活塞冲程	24 mm
Direction of rotation (viewed facing flywheel) 转向 (面对飞轮的方向)	links
Engine type 马达连接方式	V-belt 皮带
Intermediate pressure first stage 一级后压力	9,9 bar
Intermediate pressure second stage 二级后压力	80 bar
Amount of oil 油池容量	0,36 l
Weight 重量	14 g

► **PURIFICATION SYSTEM P 21**
P21 过滤系统

Air quality according to DIN/EN 12021
空气质量根据 DIN/EN 12021

呼吸空气标准 DIN EN 12021: 2014-07	
阈值	
氧气(O ₂)	21% ±1%
一氧化碳(CO)	5ppm
二氧化碳(CO ₂)	500ppm
油分(Oil)	0.5mg/m ₃
水分(H ₂ O)	25mg/m ₃



P21 过滤系统

All filter housings comply with UVV standards, AD guidelines and German TÜV regulations. Other housing standard compliances can be provided at additional costs if required.

所有的滤筒符合德国事故预防条例，AD 指导方针，德国 TÜV 条例，要符合其他容器条款，需要支付额外的费用。

Purification system mounted on the unit, complete with:

过滤系统安装在设备上，有以下部分

- final mechanical separator for the removal of oil-/ water condensate
- 末级油水分离器，物理分离
- TRIPLEX long-life filter cartridge processing in 4 stages (drying, neutralization, CO-removal, micro filtering)



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