

**HIGH PRESSURE  
COMPRESSOR**



Guangdong Airymusen  
Compressor Technology Co., Ltd.

广东因姆森压缩机科技有限公司

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Guangdong Airymusen Compressor Technology Co., Ltd.  
[www.Airymusen.com](http://www.Airymusen.com)



## COMPANY INTRODUCTION

公司介绍



广东因姆森压缩机科技有限公司，致力于空气压缩机、压缩空气后处理及周边设备的研发、生产和销售，为压缩机用户提供可持续的、节能的压缩空气及干燥净化系统解决方案。我们以“纯净空气·爱护森林·爱护自然”为宗旨，按照高品质和高工艺要求，助力客户实现可持续发展的目标，并在复杂多变的市场中不断突破和自我成长。

公司多年来不断努力发展，现主要生产的产品有无油中高压空压机、有油中高压空压机、中高压螺杆增压空压机、螺杆机、后处理净化设备等，生产各种气体压缩机如空气、氮气、氩气、氦气、氢气、二氧化碳等工艺气体，可根据特定要求，定制各种气体压缩机。

Guangdong Airymusen Compressor Technology Co., Ltd. is committed to the research and development, production, and sales of air compressors, compressed air post-treatments, and other related accessory equipment, providing sustainable and energy-saving compressed air drying and purification system solutions for compressor users. Our mission is to Purify Air, Cherish Forest and Treasure Nature. Under the high quality and fine craftsmanship requirements, we are aiming to assist our customers in achieving their sustainable development goals and empower them to continuously make breakthroughs and gain self-growth in this complex and ever-changing market.

Our company has been striving for development in the past decades, with focuses on products such as Oil-free Medium and High Pressure Air Compressors, Medium and High Pressure Air Compressors, Medium and High Pressure Screw and Piston Booster Air Compressors, Screw Air Compressors, Compressed Air Purification Treatment Systems, etc. Compressors for other sort of gases like Nitrogen, Argon, Helium, Hydrogen, Carbon Dioxide are also among our catalogs. Customized compressor proposals for various gas could be offered based on any specific requirements. Feel free to contact us for your very tailor-made air compressor plans.

## 螺杆增压高压机(E系列风冷)

广东因姆森压缩机科技有限公司是一家专业生产空压机的生产型企业，可以为您提供高品质的产品和服务，提供一站式空气系统解决方案。

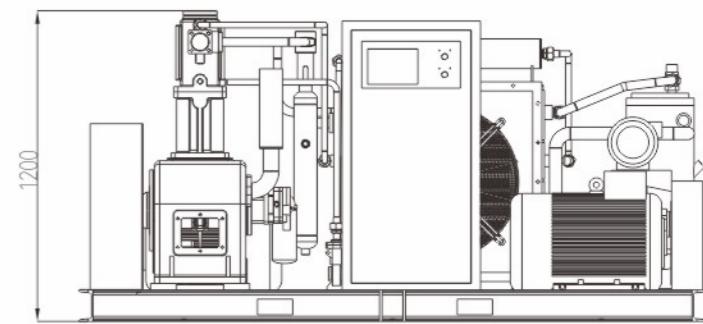
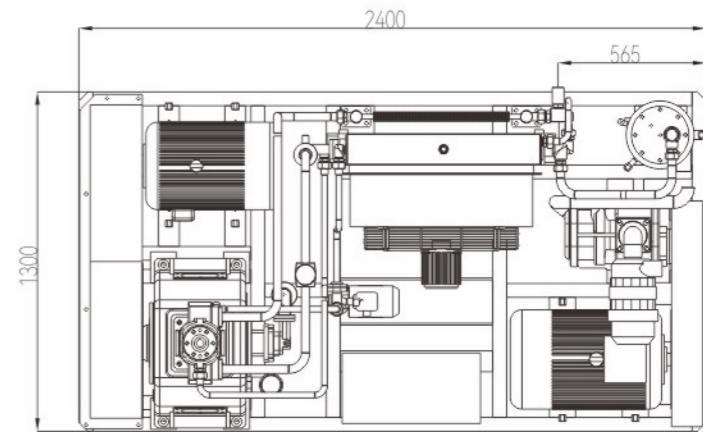
公司多年来不断努力发展，现主要生产的产品有无油中高压空压机、有油中高压空压机、中高压螺杆增压空压机、螺杆机、后处理净化设备等。



## HIGH PRESSURE PISTON AIR COMPRESSOR E SERIES AIR COOLING

Guangdong Airymusen Compresor Technology Co., Ltd. is a manufacture specialized in Producing air compressor, We provide customers with high quality products, best services and one stop solution for air compressor system.

With years of effort, our main products including Oil-free medium pressure and high pressure piston air compressor, oil-lubricant medium pressure and high pressure piston air compressor, medium pressure and high pressure screw booster air compressor, screw air compressor, air treatments and so on.

DRAWING SIZE  
图纸尺寸TECHNICAL PARAMETERS  
技术参数

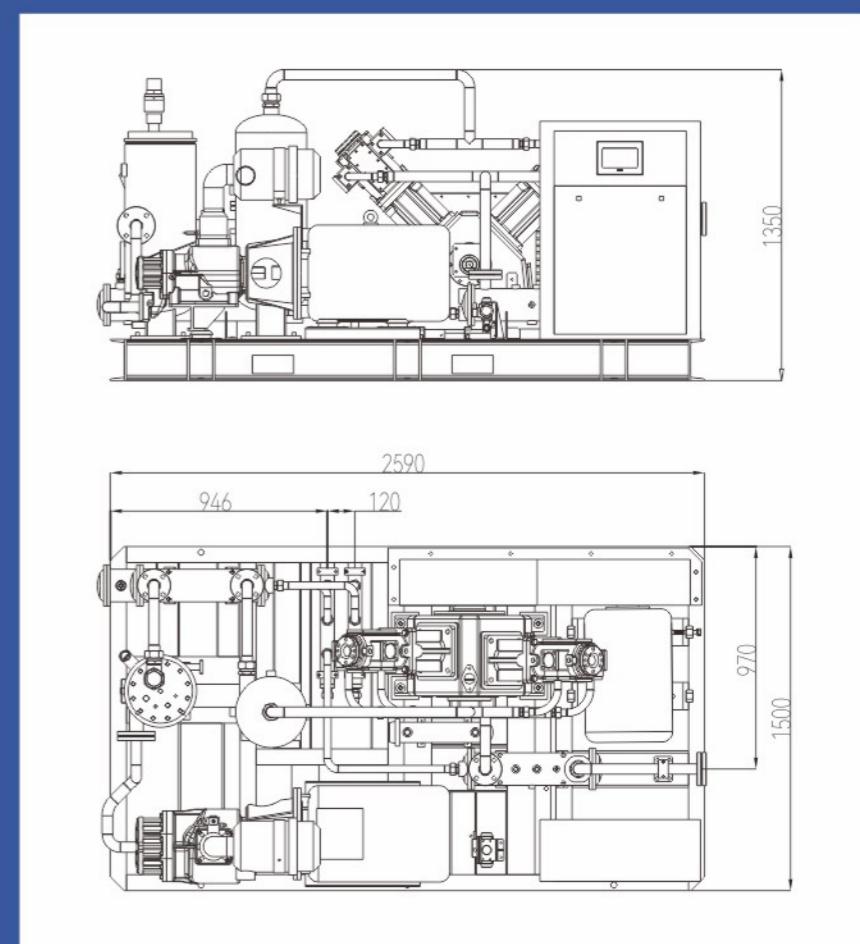
型号 MODELS	EME-02/40F	EME-03/40F
排气量 Flow rate (m³/min)	2.5	3
排气压力 Pressure (Bar)	40	40
装机功率 Power (kW)	26	37
排气出口尺寸 Outlet size	RC1"	RC1"
重量 Weight (kg)	1500	1600
冷却水量 Water consumption (t/h)	N/A	N/A
外形尺寸 Dimension (mm)	2200*1200*1300	2400*1350*1300

## 螺杆增压高压机(E系列水冷)

因姆森螺杆增压机为二级压缩和三级压缩设计，一级采用螺杆压缩到1.0Mpa，压缩效率高、稳定、节能，压缩后通过后部冷却器冷却、过滤后进入二级活塞式压缩机压缩到4.0Mpa，通过分段压缩，分段冷却，分段过滤大大提高了压缩效率，做到24小时不间断工作。

**4.0Mpa**压缩机最大压缩到  
Max. pressure range**24小时**不间断工作  
24 hours continues runningHIGH PRESSURE PISTON AIR  
COMPRESSOR E SERIES WATER COOLING

Airymusen screw booster compressor is designed as two stage compression and three stage compression, first stage adopt screw compress to 1.0Mpa to reach the effect of high efficiency, stable and energy saving, then by post cooler cooling and filtrating into second or third stage piston compressor to 4.0Mpa, through section compression, cooling and filtrating greatly improve the compress efficiency to continuously operation for 24 hours.

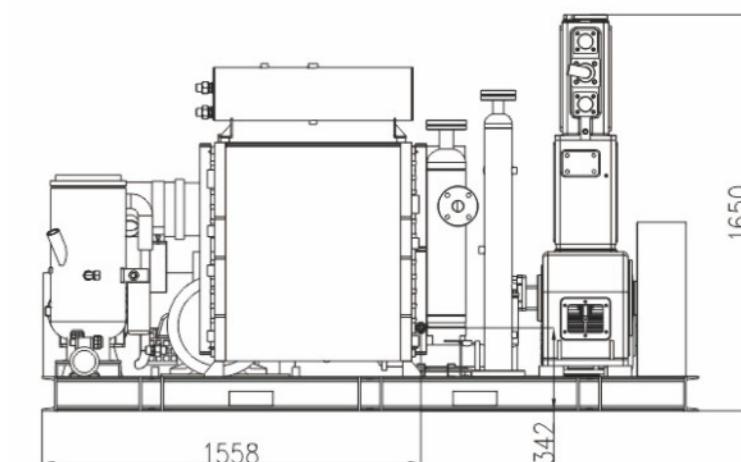
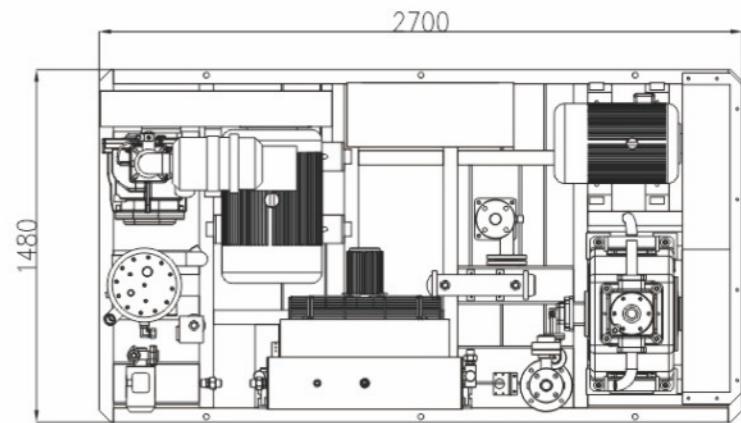
DRAWING SIZE  
图纸尺寸

## 螺杆增压高压机(S系列风冷)

整体管道系统采用不锈钢管道，保证气体质量，减少因管道生锈造成气阀组件的故障，增加效率：低转速。两级风冷活塞式压缩机，适用于重载工况，整体可靠性高，寿命长。

## HIGH PRESSURE PISTON AIR COMPRESSOR S SERIES AIR COOLING

All pipeline adopts stainless pipelines to ensure the quality of air, to reduce the trouble of valve set cased by pipe rust screw booster compression air system, improving the efficiency, low rotate speed, two stage air cooled piston compressor is suitable to heavy load working condition, high reliability, long service life.

DRAWING SIZE  
图纸尺寸

HIGH PRESSURE PISTON AIR COMPRESSOR S SERIES

TECHNICAL PARAMETERS  
技术参数

型号 MODELS	EMS-04C/40F
排气量 Flow rate (m³/min)	4
排气压力 Pressure (Bar)	40
装机功率 Power (kW)	45
排气出口尺寸 Outlet size	RC1"
重量 Weight(kg)	2100
冷却水量 Water consumption (t/h)	N/A
外形尺寸 Dimension (mm)	2800*1500*1700

# S SERIES



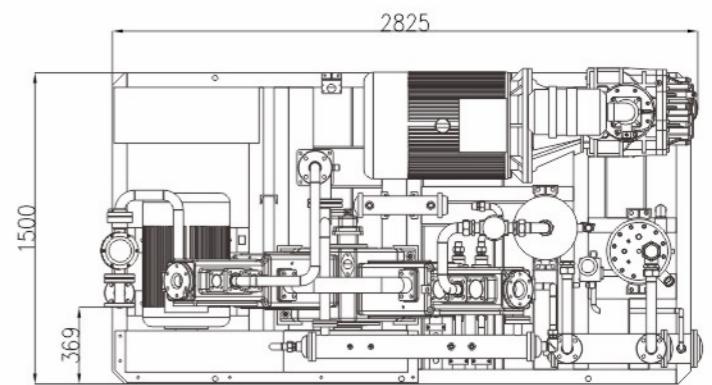
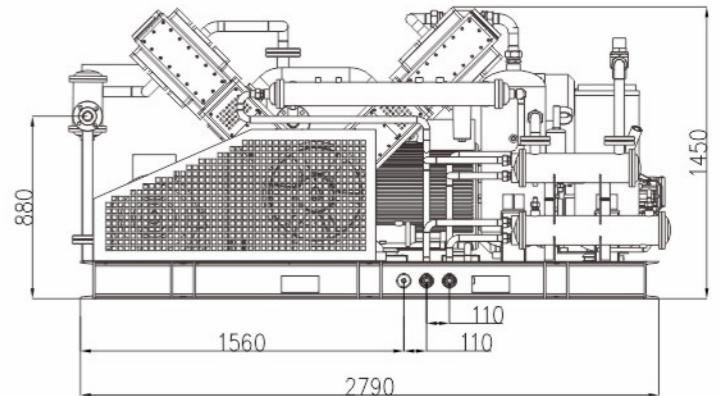
## 螺杆增压高压机(S系列水冷)

变频机组：低运行成本，低能耗，低维护成本，低无功消耗，在空载和满载之间实现变频自动的调节，节约能源。

## HIGH PRESSURE PISTON AIR COMPRESSOR S SERIES WATER COOLING

Frequency variable air compressor, low operation cost, low energy consumption, low maintenance cost, low unload consumption. can be automatic adjusted by frequency variable between load and unload to save energy.

## DRAWING SIZE 图纸尺寸

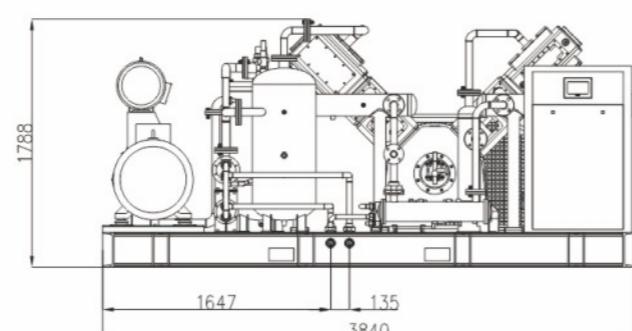
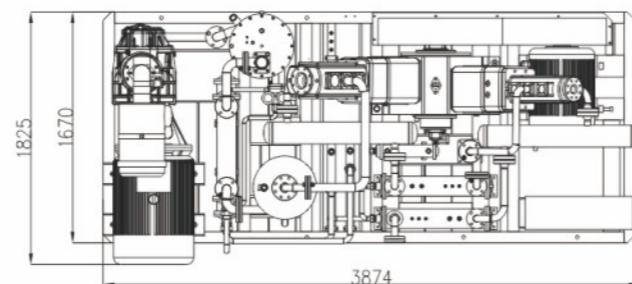


## TECHNICAL PARAMETERS 技术参数

型号 MODELS	EMS-06/40W	EMS-08/40W
排气量Flow rate (m <sup>3</sup> /min)	6	8
排气压力Pressure (Bar)	40	40
装机功率Power (kW)	67	85
排气出口尺寸 Outlet size	DN40	DN40
冷却水进出口尺寸 The inlet and outlet size of cooling water	RC-1-1/2"	RC-1-1/2"
重量 Weight(kg)	3800	4000
冷却水量 Water consumption (t/h)	30	35
外形尺寸 Dimension (mm)	2900*1500*1500	2900*1500*1500

## 螺杆增压高压机(S系列水冷)

采用多级压缩，我们采用的是双作用的高效无泄漏压缩，降低了机器运动部件的磨损，增强各元器件寿命。采用高效电机，完美的系统设计使系统降低损耗，保证空压机24小时连续可靠运行。

DRAWING SIZE  
图纸尺寸

**16-55bar**  
压力范围  
Pressure range  
**10-14m<sup>3</sup>/min**  
单机气量从  
Flow rate range

## HIGH PRESSURE PISTON AIR COMPRESSOR S SERIES WATER COOLING

With multistage compression and double-acting efficient leak-free compression to reduce the wear of moving parts to extreme the life of each component. With high efficiency motor, perfect design of system to minimize the loss of the system to ensure air compressor 24 hours continuous operation.

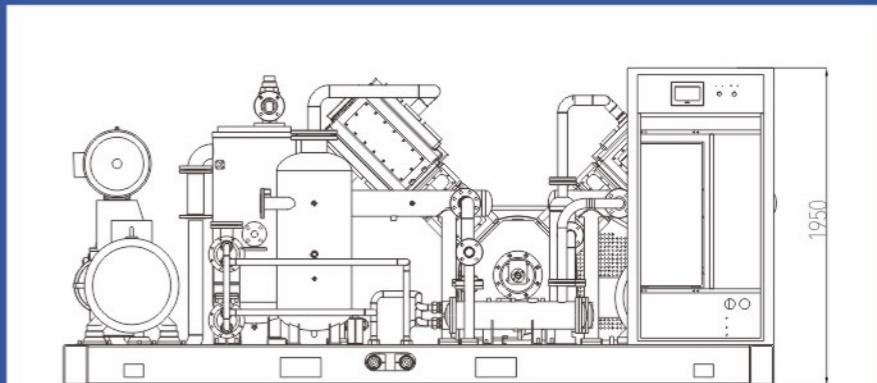
TECHNICAL PARAMETERS  
技术参数

型号 MODELS	EMS-10/40W	EMS-12/40W	EMS-14/40W
排气量Flow rate (m <sup>3</sup> /min)	10	12	14
排气压力Pressure (Bar)	40	40	40
装机功率Power (kW)	120	120	145
排气出口尺寸Outlet size	DN40	DN40	DN40
冷却水进出口尺寸The inlet and outlet size of cooling water	RC-2"	RC-2"	RC-2"
重量Weight(kg)	5000	5200	5400
冷却水量Water consumption (t/h)	40	40	45
外形尺寸Dimension (mm)	3600*1800*2000	3600*1800*2000	3600*1800*2000

**16-55bar**压力范围  
Pressure range**16-20m<sup>3</sup>/min**单机气量从  
Flow rate range

DRAWING SIZE

图纸尺寸



## 螺杆增压高压机(S系列水冷)

采用多级压缩，我们采用的是双作用的高效无泄漏压缩，降低了机器运动部件的磨损，增强各元器件寿命。采用高效电机，完美的系统设计使系统降低损耗，保证空压机24小时连续可靠运行。

### HIGH PRESSURE PISTON AIR COMPRESSOR S SERIES WATER COOLING

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### TECHNICAL PARAMETERS 技术参数

型号 MODELS	EMS-16/40W	EMS-20/40W
排气量 Flow rate (m <sup>3</sup> /min)	16	20
排气压力 Pressure (Bar)	40	40
装机功率 Power (kW)	165	220
排气出口尺寸 Outlet size	DN40	DN50
冷却水进出口尺寸 The inlet and outlet size of cooling water	RC 2"	RC2-1/2"
重量 Weight(kg)	5600	6500
冷却水量 Water consumption (t/h)	45	60
外形尺寸 Dimension (mm)	3900*2100*2000	4380*2250*2000

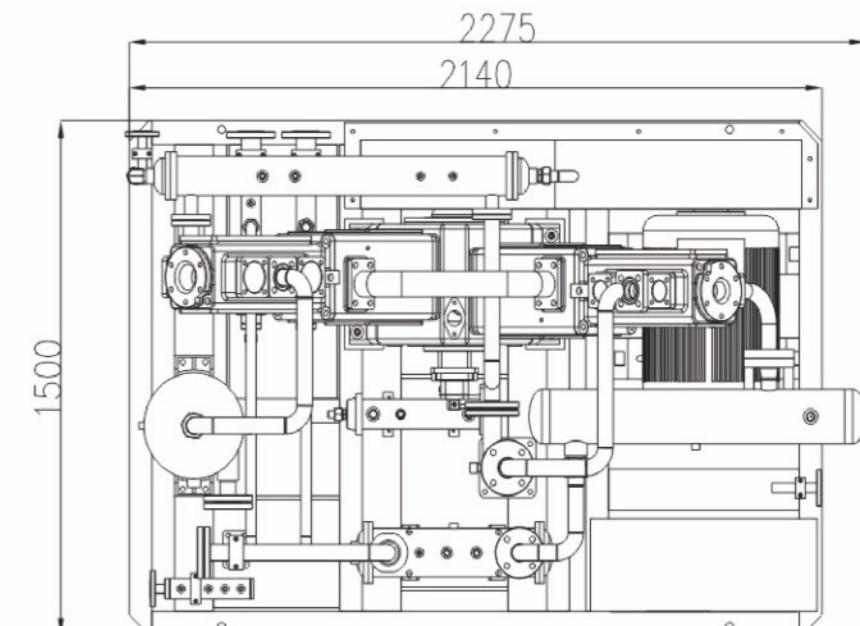
型号 MODELS	EMV2-3.4/6-40	EMV3-0.83/6-40	EMV2-3.4/6-55	EMV3-0.83/6-55	EMV3-1.1/6-60
排气量 Flow rate (Nm <sup>3</sup> /h)	200	300	200	300	400
进气压力 Inlet pressure (Bar)	6	6	6	6	6
排气压力 Pressure (Bar)	40	40	55	55	60
装机功率 Power (kW)	30	37	30	45	55
排气出口尺寸 Outlet size	DN40	DN40	DN25	DN40	DN40
冷却水进出口尺寸 The inlet and outlet size of cooling water	DN40	DN40	DN40	DN40	DN40

## 中高压无油增压机(V系列)

增压机主要原理是在原有一定压力范围内的压缩空气通过增压机再提高到需要的压力，主要增压压力范围为2bar开始增压，最高压力可增压至80bar，单机气量从0.1立方到40立方，如需更大气量，更高压力可定制。

MEDIUM PRESSURE HIGH PRESSURE  
OIL- FREE PISTON BOOSTER V SERIES

The working principle of booster is to increase the pressure range of original to required range, generally start pressurization range is from 2 bar to 80 bar, the flow rate of air is from 0.1m<sup>3</sup>/min to 40m<sup>3</sup>/min, more flow rate and pressure can be special designed and made.

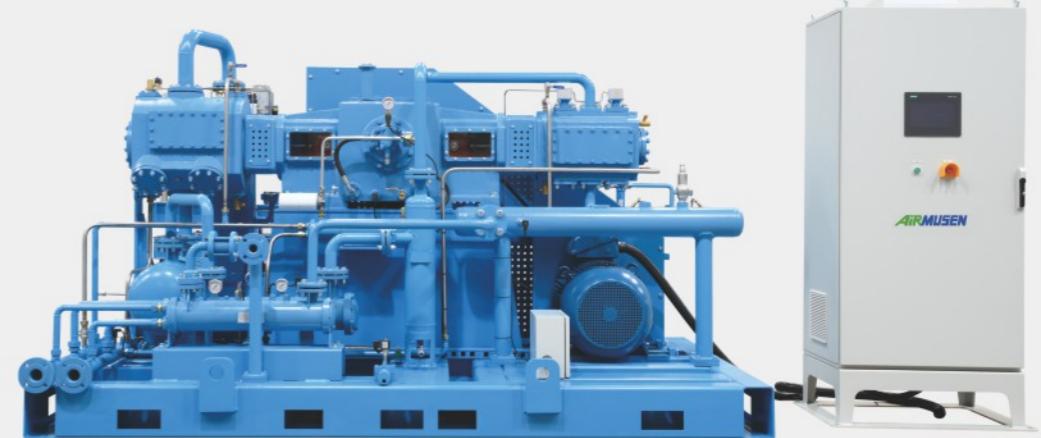
DRAWING SIZE  
图纸尺寸

## 高压无油增压机

增压机可以压缩各种气体：空气、氮气、氧气、氩气、氦气、氢气、二氧化碳等，不同气体运用需要特别说明，并特别定制。

### HIGH PRESSURE OIL-FREE PISTON BOOSTER

Booster can compress various of gas, such as Air, Nitrogen, Oxygen, Argon, Helium, Hydrogen, Carbon dioxide and so on, different gas use need special illustrated and custom-made.



### TECHNICAL PARAMETERS 技术参数

型号 MODELS	EMV2-6/8-40	EMV3-16/8-40	EMD-30/8-40	EMM-60/8-40
排气量 Flow rate (Nm <sup>3</sup> /min)	6	16	30	60
进气压力 Inlet pressure (Bar)	8	8	8	8
排气压力 Pressure (Bar)	40	40	40	40
装机功率 Power (kW)	30	55	132	250
排气出口尺寸 Outlet size	DN40	DN40	DN50	DN80
冷却水进出口尺寸 The inlet and outlet size of cooling water	DN40	DN40	DN50	DN80