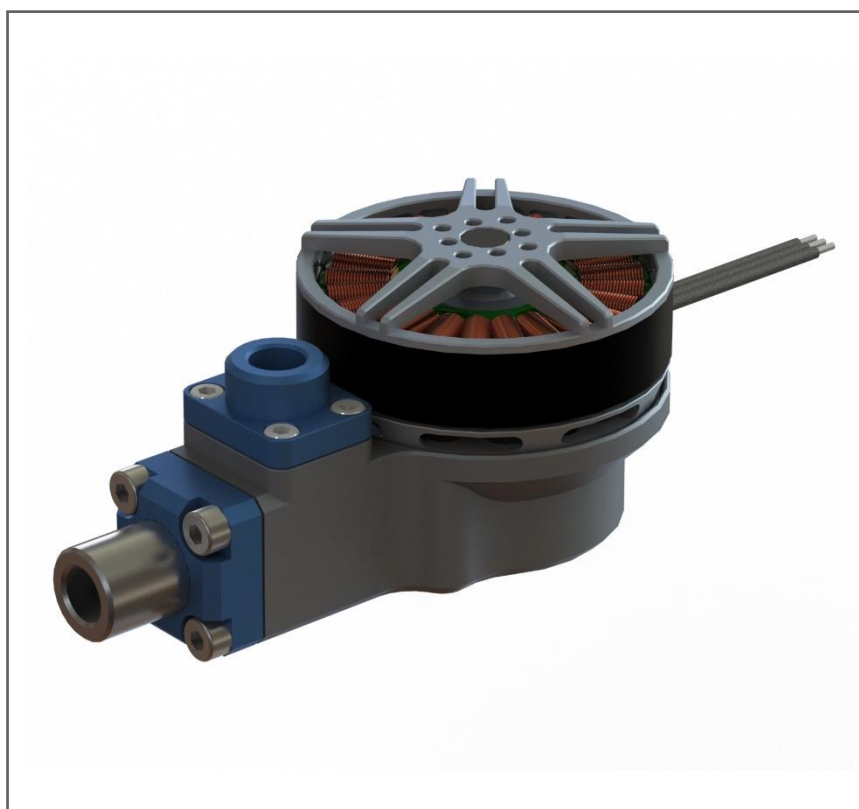


Features

- Sensorless, brushless drive motor
- Solid Aluminium Construction
- Freeflow up to 4lpm
- Gauge Pressure up to 30 BAR
- G1/8 Threaded Ports
- Small Size (110 x 59 x 49mm)

PP30

High Pressure Miniature Gas Compressor



All components are manufactured and assembled to strict quality control standards (ISO 9001) and are RoHS3 Directive 2011/65/EU, SVCH, CMRT, 3TG and REACH compliant. Everything is designed and manufactured in the UK and of UK origin.

Product Description

The PP30 compressor is a high quality miniature pump designed for gases. Efficient, small and lightweight the PP30 offers pressure and vacuum capability which up until now, has been unavailable to users requiring this performance level within this package size.

The PP30 features a solid construction of premium materials in a solid design enables the PP30 to operate reliably even in hostile environments.

Suitable for applications such as Gas testing, Pressure Monitoring Equipment, anything that requires a portable, high pressure gas supply!

The PP30 requires a brushless controller to run. We recommend the EQi-P designed specifically for the PP range.

The EQI-P offers speed and flow control via on-board potentiometer or external 0-4v analogue control with a wide 6-28v input voltage range in which the driver will monitor and govern speed accordingly.

General Specifications

Type	Gas Compressor
Maximum Flow Rate	4L/min
Input Connection	G1/8 Threaded Port
Input Connection Size	G1/8 Female
Output Connection Size	G1/8 Female
Maximum Pressure	30 BAR (GAUGE)
Maximum System Pressure	45 BAR
Materials in Gas Stream	Anodised Aluminium, Bronze Filled PTFE, Nickel Coated Brass, Nitrile, Stainless Steel
Outer Body Materials	Anodised Aluminium, Nylon
Coupling Type	Direct drive
Maximum Temperature	100°C
Head Type	Single
Noise Level	<70db (<i>Measured 1 metre from pump</i>)
Auto On/Off Switch	No
Built-in Filter	No

Electrical Specifications

Connection	Requires controller (DC input)
Supply Voltage	6-28v
Input Power	15-60W (Min – Maximum Performance)

Mechanical Specifications

Dimensions	109.5 x 59.1 x 48.7mm
Weight	405g

Protection Category

Safety Category Level	S1
IP Rating	IP01
Insulation class	A

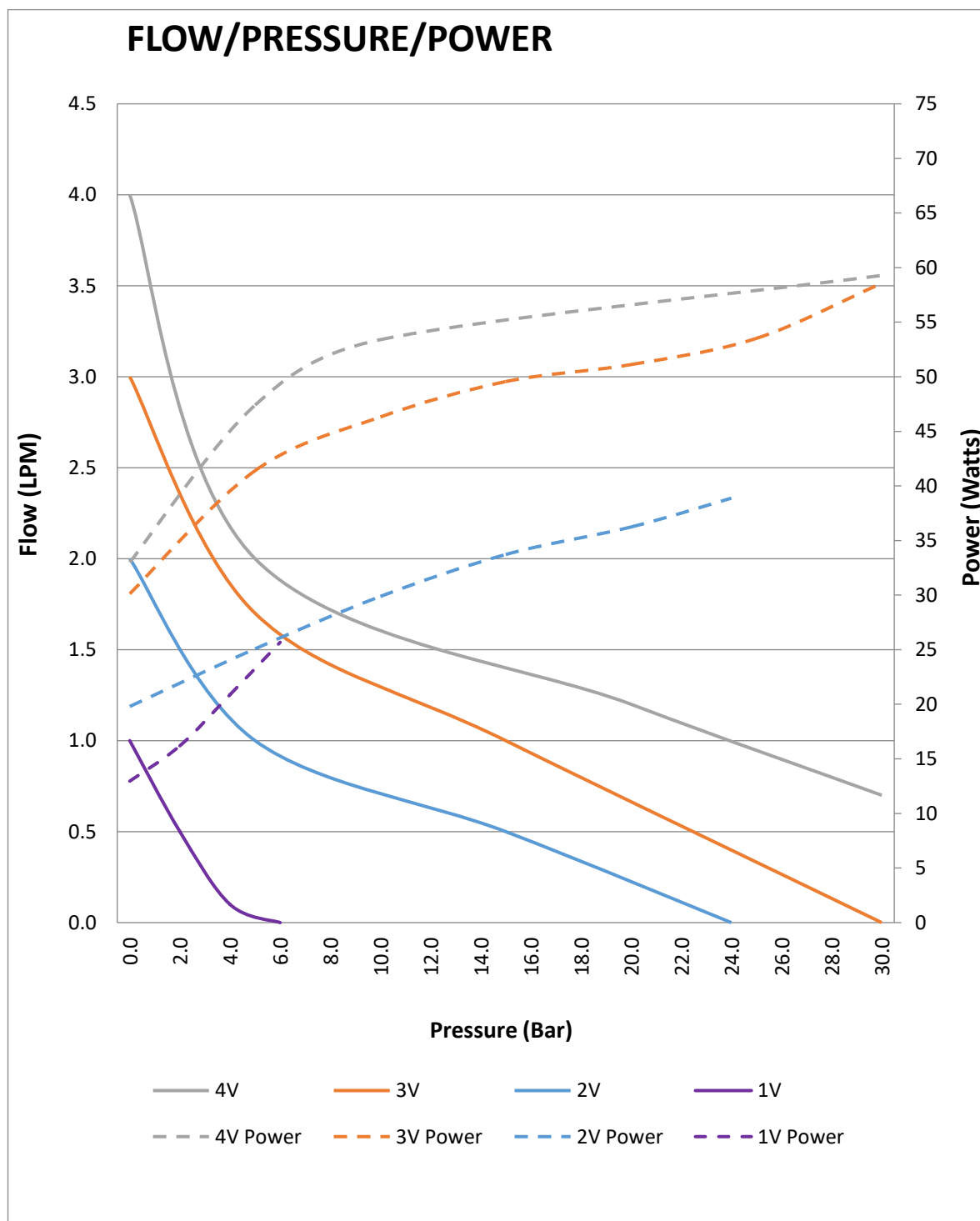
Approvals

Compliance/Certifications	ISO 9001 Quality Control Standard
Declarations	TCS Declaration of Conformity - RoHS Directive 2011/65/EU, SVCH, CMRT, 3TG and REACH compliant.

Related Products

Product Name	Maximum Flow Rate	Input Connection	Input Power
EQI-P (CONTROLLER)	-	DC	-

Performance Data



TEST CONDUCTED ON AIR AT 12V INPUT USING AN EQI-P CONTROLLER. PUMP CONTROLLED VIA 0-4V ANALOGUE INPUT FOR THE 4 SHOWN PERFORMANCE CURVES.

Technical Drawing

