

Low-HP CNG (S9) SOLUTION



IMW Industries Ltd. is a North American company located in Canada with over 100 years of manufacturing experience. In 1912, IMW started as a Blacksmith shop in Chilliwack, BC and was named Ironsides Machining & Welding, marking the beginning of IMW's journey. As a leading manufacturer of Natural Gas Compression Systems in the alternative energy industry, IMW has supplied over 3,000 compression units worldwide in Midstream, Industrial and Distribution markets since 1984.

PRODUCT OVERVIEW



A compact design suitable for small fleet refueling application, reducing footprint and featuring in proven SAFE S9 compressor block technology, priority panel and blow down tank.

DATASHEET

| DATA | UNIT OF MEASURE | VALUES |
|------------------------|----------------------------|---|
| DRIVEN CONFIGURATION | - | Single SAFE S series compressor |
| SUCTION PRESSURE | bar (psi) | Multiple ranges from: 0.4 ÷ 7 (5 ÷ 102) |
| MAX DISCHARGE PRESSURE | bar (psi) | 290 (4,200) |
| MAX FLOWRATE | Sm ³ /hr (SCFM) | 440 (275) |
| MAX POWER | kW (Hp) | 75 (100) |
| COMPRESSOR SPEED | rpm | 900 or 1,200 |
| OIL CARRYOVER | ppm | Lubricated |
| NOISE LEVEL | dB(A) | 95 |
| SKID FOOTPRINT | Meters (feet) | 2.24L x 1.47W x 2.95H (7.33L x 4.83W x 9.67H) |
| OPERATING TEMP. RANGE | °C (°F) | -40 ÷ +40 (-40 ÷ +104) |
| CODE COMPLIANCE | North America | ASME B31.3, ASME BPVC, NFPA 52, NFPA 70, UL508A |

BENEFITS



ENHANCED FOOTPRINT

The S9 solution takes up 70% less space in compound and a reduction in foundation square footage of 36% compared to existing CleanCNG solution. The CORE, meaning the compression skid, and all the accessories are integrated into the cabinet.



APPLICATIONS

It is the ideal solution for public and private stations featured by low suction pressures and low hourly flow-rates and small biomethane plants.



EASY DEPLOYMENT

With the Power Panel and fully integrated package the installation requirements and cost of installation will be reduced.

