



RDS308

PRESSURE REDUCING STATION



YOUR CREATIVE ENGINEERING PARTNER

The RDS308 Mk02 is a pressure reducing station with a redundancy unit is designed to ensure continuous and reliable control of fluid pressure in the system. The station includes pressure reducing valve (PRVs), with inlet/outlet isolation valve with relief valve configured in a way that if the valve fails, then the bypass valve can be used to maintain system pressure. It reduces the incoming high pressure to a desired lower pressure and is typically equipped with a pressure regulator to maintain consistent downstream pressure. The product is equipped with components that will constantly monitor outlet pressure and thereby provide feedback to the control system for real-time pressure regulation.

HIGHLIGHTS

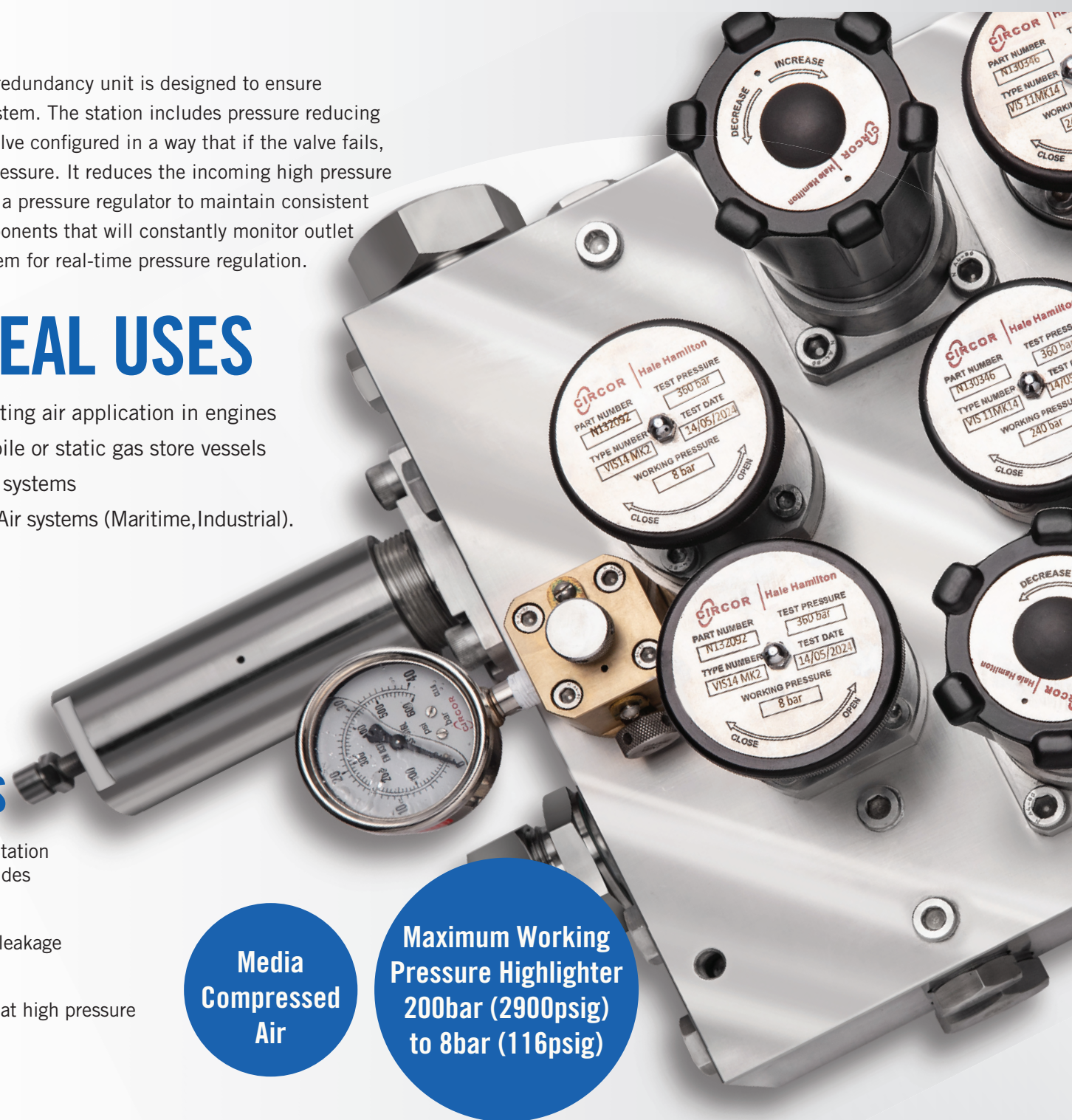
- DNV approved
- Polymer seat provides tight shut off
- Pressure balanced spindle for low operating torque
- No client engineering required to set-up all functions delivered in one assembly
- Bypass Stop Valve assembled in the same unit
- Gauge Read & Vent Valve with venting function and with pressure gauge
- Redundancy pressure control

IDEAL USES

- Starting air application in engines
- Mobile or static gas store vessels
- Gas systems
- HP Air systems (Maritime,Industrial).

FEATURES & SPECIFICATIONS

- **Pressure Control:** The RDS308 MK02 Series Reducing Station is equipped with a High- Pressure Regulator which provides accurate pressure control for medium flow applications
- **Construction:** Always a tight shut-off with a bubble tight leakage
- **Pressure Balanced Design (Isolation Valve):**
The balanced design ensures low operating torque even at high pressure



Media
Compressed
Air

Maximum Working
Pressure Highlighter
200bar (2900psig)
to 8bar (116psig)

ORDERING INFORMATION

When placing an enquiry please advise the following:

- Maximum Working Pressure
- Gas Type
- Mass flow rate

SPECIFICATION DATA

Function	Pressure reducing station
Medium	Compressed Air
Maximum Rating	200bar (2900.75psig)
Nominal Bore (mm)	Inlet- 12mm Outlet- 19mm
Sealing Materials	HNBR
Leakage	Bubble Tight
Temperature Range	0°C to +55°C
Materials of Construction	Stainless Steel
End Connectors	Both ends are connected with inlet diameter 38mm & outlet diameter 35mm



3rd ANGLE PROJECTION

DO NOT SCALE

MOUNTING HOLES:-

