

## Pressure Regulators

### MAR-1R-5



Pressure Regulator, Cartridge Mount, Knurled Knob, 10-50 psig

|                                    |                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2D Files</b>                    | <a href="#">2D Files</a>                                                                                                                                                                                                                                                                                             |
| <b>Adjustment</b>                  | Knurled Knob (Std.)                                                                                                                                                                                                                                                                                                  |
| <b>Data Sheet</b>                  | <a href="#">Data Sheet</a>                                                                                                                                                                                                                                                                                           |
| <b>Force for Full Stem Travel</b>  | 25 lb. nominal                                                                                                                                                                                                                                                                                                       |
| <b>Included Item(s)</b>            | Nuts & Lockwashers                                                                                                                                                                                                                                                                                                   |
| <b>Input PSI</b>                   | 300 psig max (21 bar)                                                                                                                                                                                                                                                                                                |
| <b>Material, Body</b>              | Brass                                                                                                                                                                                                                                                                                                                |
| <b>Material, Seals</b>             | Nitrile (FKM Optional)                                                                                                                                                                                                                                                                                               |
| <b>Material, Spring &amp; Stem</b> | Stainless Steel                                                                                                                                                                                                                                                                                                      |
| <b>Max. Flow</b>                   | 85 l/min @ 50 psig; 140 l/min @ 100 psig                                                                                                                                                                                                                                                                             |
| <b>Medium</b>                      | Air, Water* or Oil* (* non-relieving models)                                                                                                                                                                                                                                                                         |
| <b>Mount</b>                       | #15/323-32 thread.                                                                                                                                                                                                                                                                                                   |
| <b>Notes</b>                       | Operation: As the plunger is depressed the pressure increases proportionally to the travel; when plunger is released the input is closed and the output pressure is exhausted to atmosphere. The outlet pressure is based on 7/32" stem travel. If the stem is depressed further, the outlet pressure will increase. |
| <b>Operating Pressure</b>          | 10 to 50 psig                                                                                                                                                                                                                                                                                                        |
| <b>Ports (Inlet / Outlet)</b>      | Cartridge for 3/4" Bore                                                                                                                                                                                                                                                                                              |
| <b>Product Line Brochure</b>       | <a href="#">Mechanical Valves</a>                                                                                                                                                                                                                                                                                    |
| <b>Relieving Option</b>            | Relieving (Standard)                                                                                                                                                                                                                                                                                                 |
| <b>Temperature Range</b>           | 32 to 230°F                                                                                                                                                                                                                                                                                                          |
| <b>Travel Arc</b>                  | 7/32"                                                                                                                                                                                                                                                                                                                |
| <b>Weight (lbs.)</b>               | 0.1800                                                                                                                                                                                                                                                                                                               |

