

Gilmore Subsea Compact Pressure Regulator

REV	DATE	DESCRIPTION	ORIGIN	APPROVED
003	08/23/22	Document No: 135-050721-003	BP	BR
002	06/18/21	Document No: 135-050721-002	AP	BR
001	05/07/21	Document No: 135-050721-001	AP	BR

COMPANY PROPRIETARY INFORMATION

© Proserv Gilmore Valve, LLC and/or its affiliates (Gilmore). All rights reserved. Proserv®, Gilmore™, Gilmore & Design (Stallion) are registered trademarks or trademarks of Gilmore. This notice and the information contained herein is not to be, in whole or in part, reproduced or transmitted in any form by any means without the express permission of Gilmore. **DISCLAIMER:** Whilst Gilmore has carefully reviewed the contents of this notice and believes the information to be correct, Gilmore does not assume any liability in connection with any use of or reliance upon this information and gives no representation or warranty, express or implied, in respect of the information or any products described herein. This notice is intended for use by persons having suitable technical expertise and skill, at their own discretion and risk. Gilmore may change the information contained herein at any time without notice.

For more information:

Call (800) 469-8786
info@gilmore.com

Gilmore
1231 Lumpkin Road
Houston, TX 77043

Gilmore Subsea Compact Pressure Regulator

Gilmore announces the new Subsea Pressure Regulator product line for critical hydraulic control systems, operating with supply pressures up to 15,000 psi.

With Tungsten Carbide shear seal trim, the Subsea Compact Pressure Regulator is a simple, robust manual spring valve design that provides the utmost reliability. Its small footprint can be readily panel mounted

Features and Benefits:

- Qualification exceeds industry requirements
 - 7,500 endurance cycles
- Supply pressure up to 15,000 psi
- Extensive regulated pressure range from 3000 psi – 9000 psi
- Failsafe manual spring configuration
- Construction allows for quick and simple field maintenance
- Tungsten Carbide shear seal trim design
- Optional panel mounting bracket available for installation ease
- CRA Material Construction
 - Tungsten Carbide seal trim
 - Nitronic 50 Body
 - Nitronic 60 Seal Carrier
 - T316 Flanges
 - Inconel X-750 Compression Spring



Figure 1 PN 29149: Subsea Compact Pressure Regulator

3/8" Outlet, 1/4" Inlet, 3000 – 9000 psi range



Gilmore has exceeded industry requirements by qualifying the new Subsea Compact Pressure Regulator design to 7,500 cycles, with a flow rate of 4 gpm, at 15,000 psi inlet & 3000 psi setpoint with 1% - 4% water glycol test fluid.

The new Gilmore Subsea Compact Pressure Regulators are now available for purchase. Examples of assembly configurations are listed below for reference. Gilmore will create other customized Subsea Compact Pressure Regulator configurations at customer request.

Please contact Gilmore Customer Service to request a quotation for the Subsea Compact Pressure Regulator listed below, or for other custom configurations as required.

Table 1. New Compact Pressure Regulator and Kit Part Numbers:

Item	New Valve Description	New Valve PN	New Repair Kit PN	New Seal Kit PN
1	Valve, Compact Regulator, 15 ksi Inlet, 9 – 3 ksi setpoint range, 1/4" Supply and Vent, 3/8" Regulated NPT Ports	29149	29149 RK	29149 SK
2	Valve, Compact Regulator, 15 ksi Inlet, 9 – 3 ksi setpoint range, 1/4" Supply and Vent, 3/8" Regulated NPT Ports, Panel Bracket	29150	29150 RK	29150 SK
3	Valve, Compact Regulator, 15 ksi Inlet, 9 – 3 ksi setpoint range, 1/4" MP Ports	29164	29164 RK	29164 SK
4	Valve, Compact Regulator, 15 ksi Inlet, 9 – 3 ksi setpoint range, 1/4" MP Ports, Panel Bracket	29167	29167 RK	29167 SK

Gilmore Subsea Compact Pressure Regulator



Figure 2. PN 29149: Subsea Compact Pressure Regulator, Maximum 15 ksi Inlet, 9 – 3 ksi Regulated Range, 1/4 x 3/8 NPT