

20K PR2 Poppet Check Valve

Gilmore is pleased to announce the release of a newly designed 20K working pressure PR2 check valve, developed to standardize check valve configurations while improving lead times and overall product availability.

This new design maintains the proven performance customers expect from Gilmore while introducing manufacturing and serviceability improvements that support faster delivery and long-term reliability. By standardizing the PR2 check valve design, Gilmore enhances supply chain efficiency without compromising performance or compliance, ensuring customers receive dependable solutions with improved availability.



REV	DATE	DESCRIPTION	ISSUED BY	APPROVED
001	04/06/2026	Document No: 100-040626-001C	DH	

COMPANY PROPRIETARY INFORMATION

© Gilmore Technologies, LLC and/or its affiliates (Gilmore). All rights reserved. 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 +1 713 468 8778

INFO@Gilmore.com

Gilmore
1231 Lumpkin Road
Houston, TX 77043

20K PR2 Poppet Check Valve

Features and Benefits:

Key Features:

- PR2 PSL3 metal to metal poppet check mechanism
- Incorporates a rolled pin design to replace anti-rotation welding, reducing lead time while improving serviceability and overall lifecycle value.

Materials:

- Elgiloy® spring
- Stellite® poppet and Inconel® seal ring
- Super Duplex Stainless Steel body
- NACE MR0175 compliant

Available Configurations:

- Butt weld inlet & outlet
- Custom tube stub sizes available upon request

Pressure Data:

- 30,000 psi hydrostatic shell test pressure
- 20,000 psi rated working pressure
- 0°F to 250°F temperature range
- ≤ 60 psi design cracking pressure (+/- 10%)

Flow Data & Design Validation

- Flow coefficient (Cv) of 2.0
- Qualification meets API 6A PSL3 Class FF, API 6A PR2 Annex F

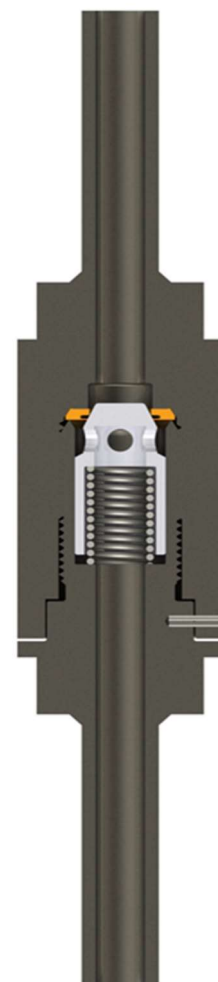


Table 1. Surface Compact Pressure Regulator

Item	New Valve Description	New Pinned Valve PN
1	1/2" POPPET, Ø.750 X Ø.362 BUTT WELD, 10K CHECK VALVE, PSL3, PR2	247759
	*Other configurations not listed are available upon request	

Please contact Gilmore Customer Service to request any drawings, manuals, or quotations for this product to Info@gilmore.com.