

Product Information Bulletin

3/4" GEN 2 V-Seal Shuttle Valve

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3/4" GEN 2 V-Seal Shuttle Valve



Gilmore announces the new ¾" GEN 2 V-Seal Shuttle Valve product line for critical offshore and subsea applications. The ¾" GEN 2 V-Seal Shuttle Valve has been designed with the same footprint as the legacy Traditional Shuttle Valve for easy drop-in replacement. Gilmore's proprietary dynamic V-Seal technology provides an order of magnitude improvement in valve cycle life.

Features and Benefits:

- Qualification exceeds API 16D requirements
 - Two separate full flow tests at 2500 cycles each
- Proprietary V-Seal and hydraulic dampening technology
- Improved Valve Materials:
 - o 316 SS Body and Flanges
 - o Nitronic 60 Shuttle, Sleeve and Cap
 - o PEEK Spacer
 - o PTFE/Nitrile 90 Duro V-Seal
 - o Duplex Cap Screws with T316 Nordlock Washers

Figure 1. PN 29058: 1/2" SAE Traditional Gen 2 Shuttle Valve, 3000 psi, Low Interflow





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Gilmore has exceeded API 16D requirements by qualifying the new ¾" GEN 2 V-Seal Shuttle Valve designs to multiple endurance qualification tests to 2500 cycles, at a starting flow rate of 70 gpm at 5000 psi, with 1% - 4% water glycol test fluid.

The new Gilmore 3/4" GEN 2 V-Seal Shuttle Valves have an identical footprint to the legacy valves for simple retrofitting.

As a result of the new Gilmore 3/4" GEN 2 V-Seal Shuttle Valve product line, please note that sales of the legacy 3/4" Traditional Shuttle Valve part numbers listed below in Table 1 will be discontinued as of June 9th, 2021.

The new Gilmore ¾" GEN 2 V-Seal Shuttle Valve is now available as a replacement for the legacy ¾" Traditional Shuttle Valves.

Gilmore will continue to sell and support the legacy ¾" shuttle valve repair kits, seal kits and Aftermarket support after new valve sales of the legacy design are discontinued.

Table 1. New and Legacy 3/4" Shuttle Valve Part Numbers:

Item	Legacy Description	Legacy Valve PN	Legacy Repair Kit PN	New Valve Description	New Valve PN	New Repair Kit PN
1	Valve, 3/4", Shuttle, Traditional, 1" NPT, Low Interflow, 3000 psi	25412	25412 RK	Valve, 3/4", Shuttle, GEN 2, 1" NPT, Low Interflow, 3000 psi	29057	29057 RK
2	Valve, 3/4", Shuttle, Traditional, 1/2" NPT, Low Interflow, 3000 psi	25412-2	25412-2 RK	Valve, 3/4", Shuttle, GEN 2, 1/2" NPT, Low Interflow, 3000 psi	29112	29112 RK
3	Valve, 3/4", Shuttle, Traditional, 1" NPT, Low Interflow, 3000 p	25415	25415 RK	Valve, 3/4", Shuttle, GEN 2, 1" NPT, High Interflow, 3000 psi	29113	29113 RK
4	Valve, 3/4", Shuttle, Traditional, 1/2" SAE, Low Interflow, 3000 psi	25426	25426 RK	Valve, 3/4", Shuttle, GEN 2, 1/2" SAE, Low Interflow, 3000 psi	29058	29058 RK
5	Valve, 3/4", Shuttle, Traditional, 1" NPT, Low Interflow, 3000 psi, N60 trim	181664	181666	Valve, 3/4", Shuttle, GEN 2, 1" NPT, Low Interflow, 3000 psi	29057	29057 RK
6	Valve, 3/4", Shuttle, Traditional, 1" NPT, High Interflow, 3000 psi, N60 trim	181667	181671	Valve, 3/4", Shuttle, GEN 2, 1" NPT, Low Interflow, 3000 psi	29113	29113 RK
7	Valve, 3/4", Shuttle, Traditional, 1/2" SAE, Low Interflow, 3000 psi, N60 trim	181672	181674	Valve, 3/4", Shuttle, GEN 2, 1/2" SAE, Low Interflow, 3000 psi	29058	29058 RK
8	Valve, 3/4", Shuttle, Traditional, 1/2" BSPP, Low Interflow, 3000 psi	25412-1	25412-1 RK	Valve, 3/4", Shuttle, Traditional, 1/2" BSPP, Low Interflow, 3000 psi	29098	29098 RK
9	Valve, 3/4", Shuttle, Traditional, Seal Sub Mount, Low Interflow, 3000 psi	28337	28337 RK	Valve, 3/4", Shuttle, Traditional, Seal Sub Mount, Low Interflow, 3000 psi	29097	29097 RK

Please note that GEN 2 repair kits <u>are not</u> interchangeable with legacy repair kits and cannot be used in the legacy Traditional Shuttle Valves. Please contact Gilmore Customer Service to assist you with selecting GEN 2 replacement valve part numbers.

Please contact Gilmore Customer Service to request drawings and quotations for these ¾" GEN 2 V-Seal Shuttle Valves at Gilmore@proserv.com.















