

1/4" GEN2 Disc Shuttle Valve Product Line

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1/4" GEN2 Disc Shuttle Valve Product Line



Gilmore's GEN2 line of 1/4" Shuttle Valves act as flow logic components that allow the automatic selection of flow from two supply (inlet) ports to be directed through a common function (outlet) port.

The Gilmore 1/4" GEN2 disc shuttle valve has been designed with the same footprint as the legacy Gilmore 1/4" shuttle valves. This thoroughly redesigned product line provides an improvement in cycle life and performance.

Features and Benefits:

- Peek Disc Seal
- Elgiloy Spring
- T316 Body Material
- Nitronic 60 End Caps, Cage and Shuttle
- Spring biased, unbiased, low interflow and high interflow options.

Figure 1. PN 29005: 1/4" NPT GEN2 Disc Shuttle Valve, Low interflow

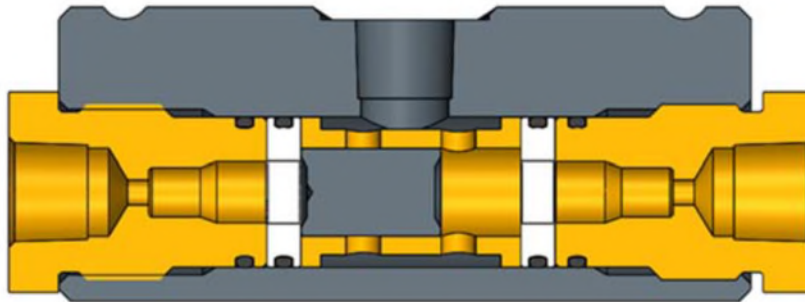
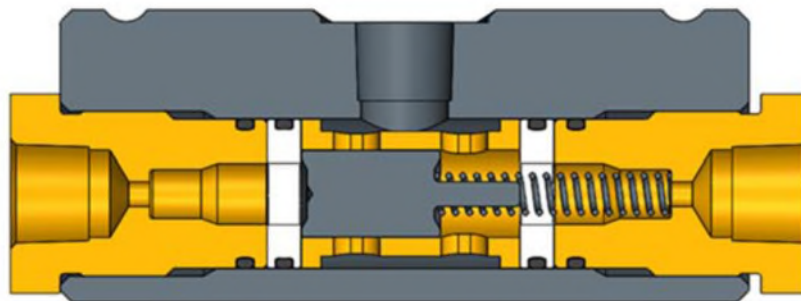


Figure 2. PN 29005-3: Spring Biased 1/4" NPT GEN2 Disc Shuttle Valve, High Interflow





Gilmore has exceeded API 16D requirements by qualifying the new 1/4" GEN2 Shuttle Valve designs to multiple endurance qualification tests to 2500 cycles, at a starting flow rate of 8 gpm (4 gpm for spring-biased version) at 5000 psi, with 1% - 4% water glycol test fluid.

The new Gilmore 1/4" GEN2 Disc Shuttle Valves have an identical footprint to the legacy valves. Note that Gilmore will continue to sell and support the legacy 1/4" shuttle valve repair kits, seal kits and Aftermarket support after new valve sales of the legacy design are discontinued.

Note that GEN2 shuttle valve kits **are not** interchangeable with legacy repair kits and cannot be used in the legacy shuttle valves.

As a result of the new Gilmore 1/4" GEN2 Disc Shuttle Valve product line, please note that sales of the legacy 1/4" Traditional Shuttle Valve part numbers listed below in Table 1 were discontinued on November 30, 2017.

Table 1. New and Legacy 1/4" 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, Shuttle, 1/4 NPT, Spring Biased, Low Interflow	25416	25416 RK	Valve, Shuttle, 1/4 NPT, Spring Biased, Low Interflow, Disc Seat	29005-1	29005-1 RK
2	Valve, Shuttle, 1/4 NPT, Spring Biased, Low Interflow, T316	28443	28443 RK	Valve, Shuttle, 1/4 NPT, Spring Biased, Low Interflow, Disc Seat	29005-1	29005-1 RK
3	Valve, Shuttle, 1/4 NPT, Spring Biased, High Interflow	25416-1	25416-1 RK	Valve, Shuttle, 1/4 NPT, Spring Biased, High Interflow, Disc Seat	29005-3	29005-3 RK
4	Valve, Shuttle, 1/4 NPT, Spring Biased, High Interflow, T316	116518	116519	Valve, Shuttle, 1/4 NPT, Spring Biased, High Interflow, Disc Seat	29005-3	29005-3 RK
5	Valve, Shuttle, 1/4 NPT, Low Interflow	22519	22519 RK	Valve, Shuttle, 1/4 NPT, Non Biased, Low Interflow, Disc Seat	29005	29005 RK
6	Valve, Shuttle, 1/4 NPT, Low Interflow, N60	28195	28198 RK	Valve, Shuttle, 1/4 NPT, Low Interflow, Disc Seat	29005	29005 RK
7	Valve, Shuttle, 1/4 NPT, Low Interflow, T316	28440	28440 RK	Valve, Shuttle, 1/4 NPT, Low Interflow, Disc Seat	29005	29005 RK
8	Valve, Shuttle, 1/4 NPT, High Interflow	22760	22760 RK	Valve, Shuttle, 1/4 NPT, High Interflow, Disc Seat	29005-2	29005-2 RK
9	Valve, Shuttle, 1/4 NPT, High Interflow, T316	28438	28438 RK	Valve, Shuttle, 1/4 NPT, High Interflow, Disc Seat	29005-2	29005-2 RK
10	Valve, Shuttle, 3/8 NPT, Low Interflow	25409	25409 RK	Valve, Shuttle, 3/8 NPT, Low Interflow, Disc Seat	29007	29007 RK
11	Valve, Shuttle, 1/4 SAE, Spring Biased, Low Interflow, T316	109202	109209	Valve, Shuttle, 1/4 SAE, Spring Biased, Low Interflow, Disc Seat	29006-1	29006-1 RK
12	Valve, Shuttle, 1/4 SAE, Low Interflow	25418	25418 RK	Valve, Shuttle, 1/4 SAE, Low Interflow, Disc Seat	29006	29006 RK
13	Valve, Shuttle, 1/4 SAE, Low Interflow	22627	22627 RK	Valve, Shuttle, 1/4 SAE, Low Interflow, Disc Seat	29006	29006 RK

14	Valve, Shuttle, 1/4 SAE, High Interflow	25811	25811 RK	Valve, Shuttle, 1/4 SAE, High Interflow, Disc Seat	29006-2	29006-2 RK
15	Valve, Shuttle, 1/4 SAE, High Interflow, T316	097953	097958	Valve, Shuttle, 1/4 SAE, High Interflow, Disc Seat	29006-2	29006-2 RK
16	Valve, Shuttle, 1/4 SAE, High Interflow, N60	28196	28196 RK	Valve, Shuttle, 1/4 SAE, High Interflow, Disc Seat	29006-2	29006-2 RK
17	Valve, Shuttle, 3/8 SAE, Spring Biased, Low Interflow, T316	28292	28292 RK	Valve, Shuttle, 3/8 SAE, Spring Biased, Low Interflow, Disc Seat	29008-1	29008-1 RK
18	Valve, Shuttle, 3/8 SAE, Low Interflow	25417	25417 RK	Valve, Shuttle, 3/8 SAE, Low Interflow, Disc Seat	29008	29008 RK
19	Valve, Shuttle, Stack, 1/4 SAE, Spring Biased, Low Interflow	109207	109208	Valve, Shuttle, Stack, 1/4 SAE, Spring Biased, Low Interflow, Disc Seat	29036	29036 RK
20	Valve, Shuttle, 3/8 SAE, High Interflow, N60	28196-1	28196-1 RK	Valve, Shuttle, 3/8 SAE, High Interflow, Disc Seat	29008-2	29008-2 RK
21	Valve, Shuttle, 1/4 BSPP, Spring Biased, Low Interflow	25416-2	25416-2 RK	N/A	N/A	N/A
22	Valve, Shuttle, 1/4 BSPP, Spring Biased, Low Interflow, N60	097954	097959	N/A	N/A	N/A

The following legacy 1/4" Shuttle Valves were discontinued November 30, 2017. If a new 1/4" Shuttle Valve part number is not listed for a specific legacy part number, please contact Gilmore Customer Service to request a quotation for a new part number.

Please contact Gilmore Customer Service to request any drawings, manuals and quotations for these new GEN2 regulators at info@gilmore.com