

Product Information Bulletin

Traditional 1" GEN 2 Shuttle Valve Product Line

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Product Information Bulletin

Traditional 1" GEN 2 Shuttle Valve Product Line



Proserv announces the new Gilmore 1" GEN 2 Shuttle Valve product line for critical offshore and subsea applications. The soft-seated 1" GEN 2 Shuttle Valve is designed with the same footprint as the legacy Traditional Shuttle Valves for effortless retrofits. Proserv Gilmore's new proprietary dynamic V-Seal technology provides an order of magnitude improvement in cycle life.

Features and Benefits:

- Qualification exceeds API 16D requirements
 - Two separate 2500 cycle tests at maximum flow conditions
- New V-Seal and hydraulic dampening technology which does not feather or extrude to improve cycle life
- Corrosion Resistant Materials for subsea applications:
 - T316 Body, Nitronic 60 Shuttle, Sleeve and Cap
 - PEEK Spacer and PTFE/Nitrile 90 Duro V-Seal
 - A286 Cap Screws with 254 SMO Nordlock Washers
- Designed and tested to meet demands of 5 year maintenance free service under normal operating conditions
- Field Repairable
- US Patent 9,719,600

Figure 1. PN 29042: 1" NPT GEN 2 Shuttle Valve, 5000 psi, Low interflow

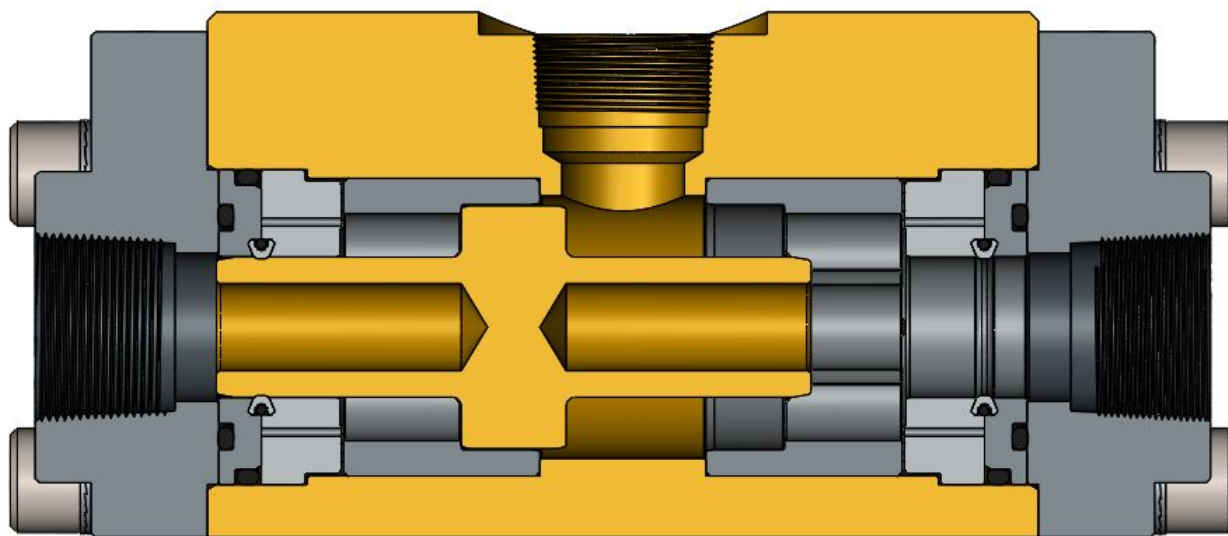
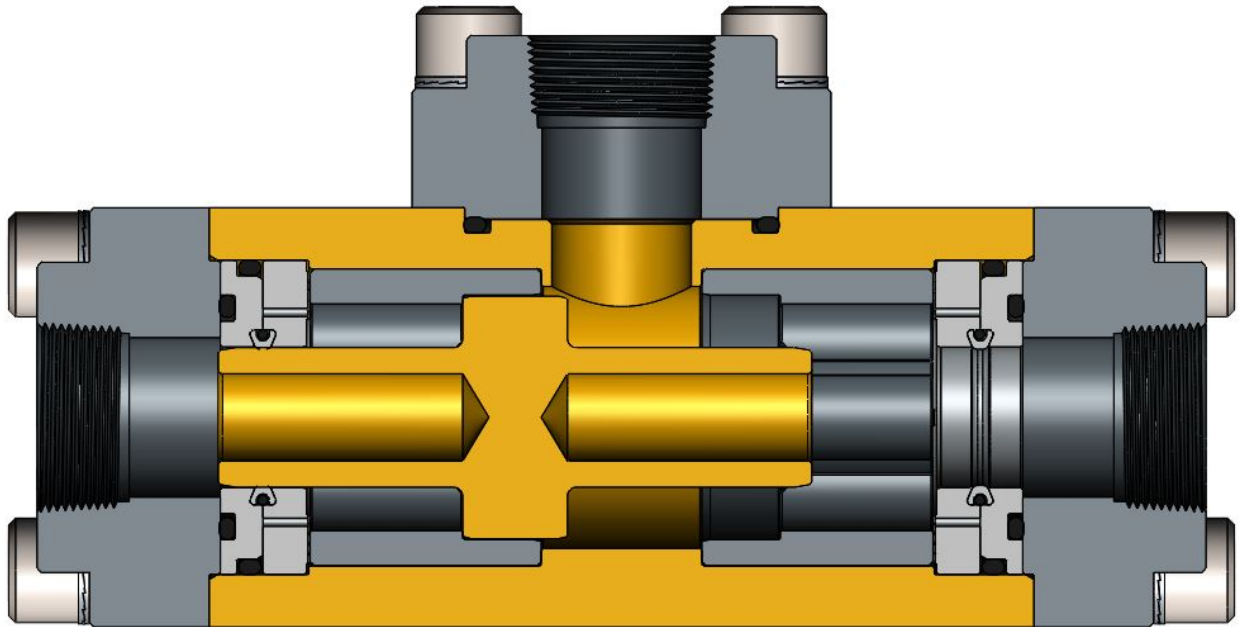


Figure 2. PN 29041: 1" NPT GEN 2 Shuttle Valve, 3000 psi, High Interflow



Proserv has exceeded API 16D requirements by qualifying the new 1" GEN 2 Shuttle Valve designs to multiple endurance qualification tests to 2500 cycles, at a starting flow rate of 150 gpm at 5000 psi, with 1% - 4% water glycol test fluid.

The new Proserv Gilmore 1" GEN 2 Shuttle Valves have an identical footprint to the legacy valves.

As a result of the new Proserv Gilmore 1" GEN 2 Shuttle Valve product line, please note that sales of the legacy 1" Traditional Shuttle Valve part numbers listed below in Table 1 were discontinued as of March 21, 2019.

The new Proserv Gilmore 1" GEN 2 Shuttle Valve is now available as a replacement for the legacy 1" Traditional Shuttle Valves.

Proserv will continue to support legacy 1" Traditional Shuttle Valves. After they are discontinued:

- Proserv will continue providing repair kits and seal kits in support of discontinued 1" Traditional Shuttle Valves for a minimum of 3 years.
- Proserv Aftermarket will continue to support discontinued legacy products with factory failure analysis and repair services for a minimum of 3 years.

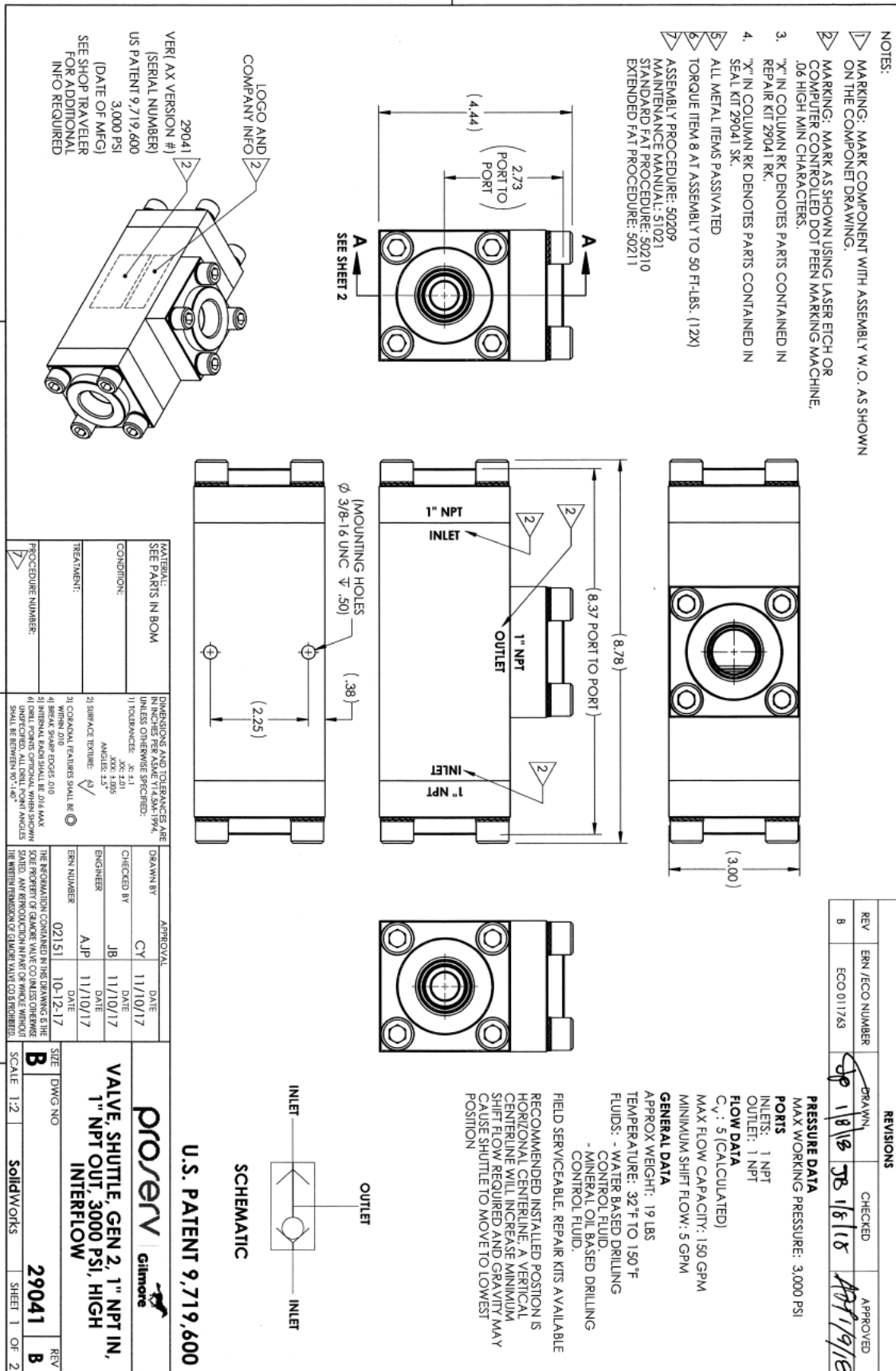
Table 1. New and Legacy 1" Shuttle Valve Part Numbers:

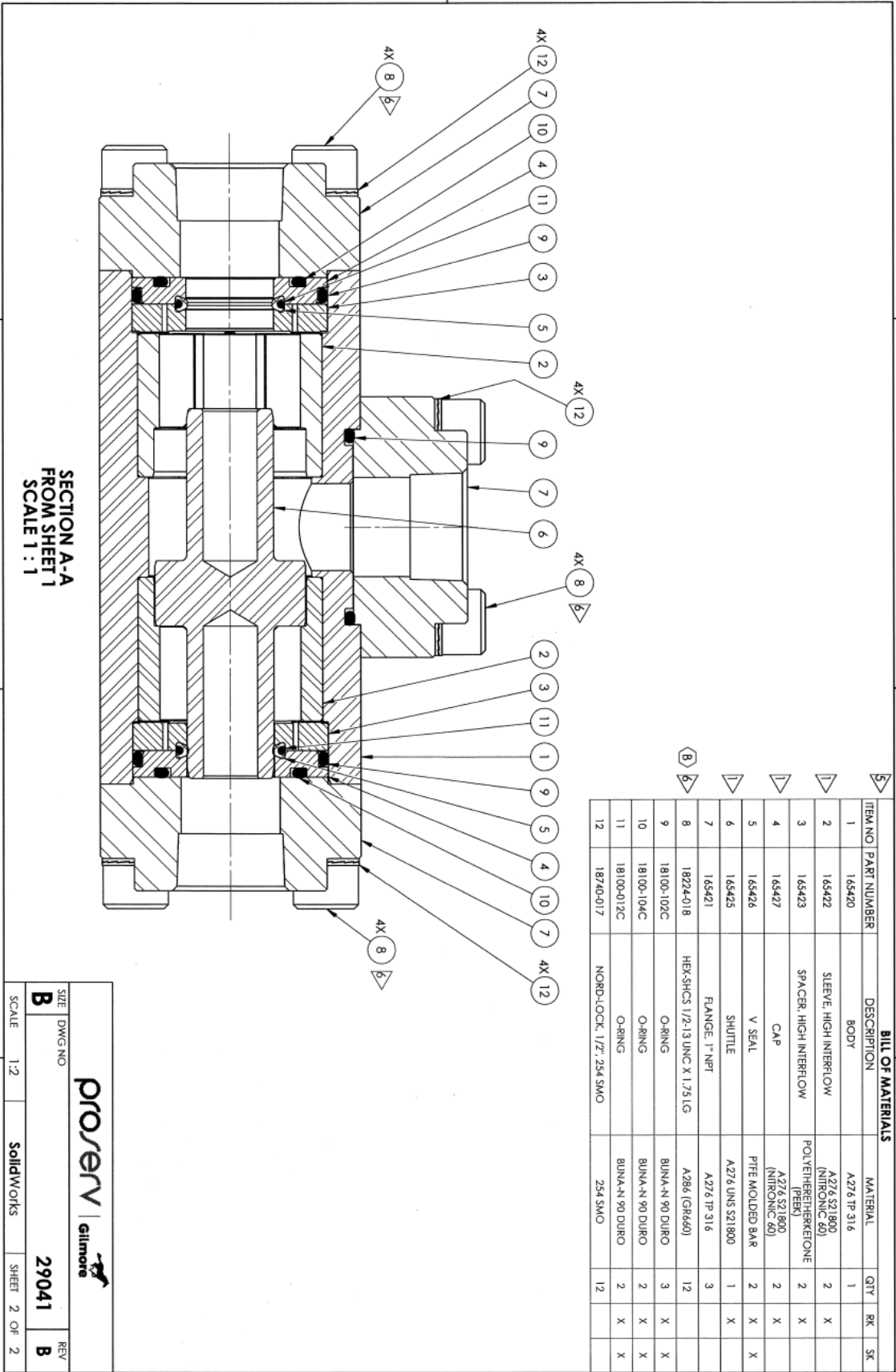
Item	Legacy Description	Legacy Valve PN	Legacy Repair Kit PN	New Valve Description	New Valve PN	New Repair Kit PN
1	Valve, Shuttle, Traditional, 1" NPT, Low Interflow, 3000 psi	25413	25413 RK	Valve, Shuttle, GEN 2, 1" NPT, Low Interflow, 3000 psi	29043	29043 RK
2	Valve, Shuttle, Traditional, 1" NPT, Low Interflow, 3000 psi, Country of Origin material	25413-1	25413-1 RK	Valve, Shuttle, GEN 2, 1" NPT, Low Interflow, 3000 psi	29043	29043 RK
3	Valve, Shuttle, Traditional, 1" NPT, High Interflow, 3000 psi	25429	25429 RK	Valve, Shuttle, GEN 2, 1" NPT, High Interflow, 3000 psi	29041	29041 RK
4	Valve, Shuttle, Traditional, 1" NPT, High Interflow, 5000 psi	25475	25475 RK	Valve, Shuttle, GEN 2, 1" NPT, High Interflow, 5000 psi	29044	29044 RK
5	Valve, Shuttle, Traditional, 1" NPT, Low Interflow, 5000 psi	25476	25476 RK	Valve, Shuttle, GEN 2, 1" NPT, Low Interflow, 5000 psi	29042	29042 RK
6	Valve, Shuttle, Traditional, 1" NPT, High Interflow, N60 Trim, 5000 psi	115396	115518	Valve, Shuttle, GEN 2, 1" NPT, High Interflow, 5000 psi	29044	29044 RK
7	Valve, Shuttle, Traditional, 1" NPT, Low Interflow, N60 Trim, 5000 psi	139907	140249	Valve, Shuttle, GEN 2, 1" NPT, Low Interflow, 5000 psi	29042	29042 RK
8	Valve, Shuttle, Traditional, 1" SAE, Low Interflow, 3000 psi	25427	25427 RK	Valve, Shuttle, GEN 2, 1" SAE in, 1" SAE Out, Low Interflow, 3000 psi	29070	29070 RK
9	Valve, Shuttle, Traditional, 1" SAE, Low Interflow, 3000 psi, Code 62 Outlet	25802	25802 RK	Valve, Shuttle, GEN 2, 1" SAE in, Special 1" SAE C62 Out, Low Interflow, 3000 psi	29071	29071 RK

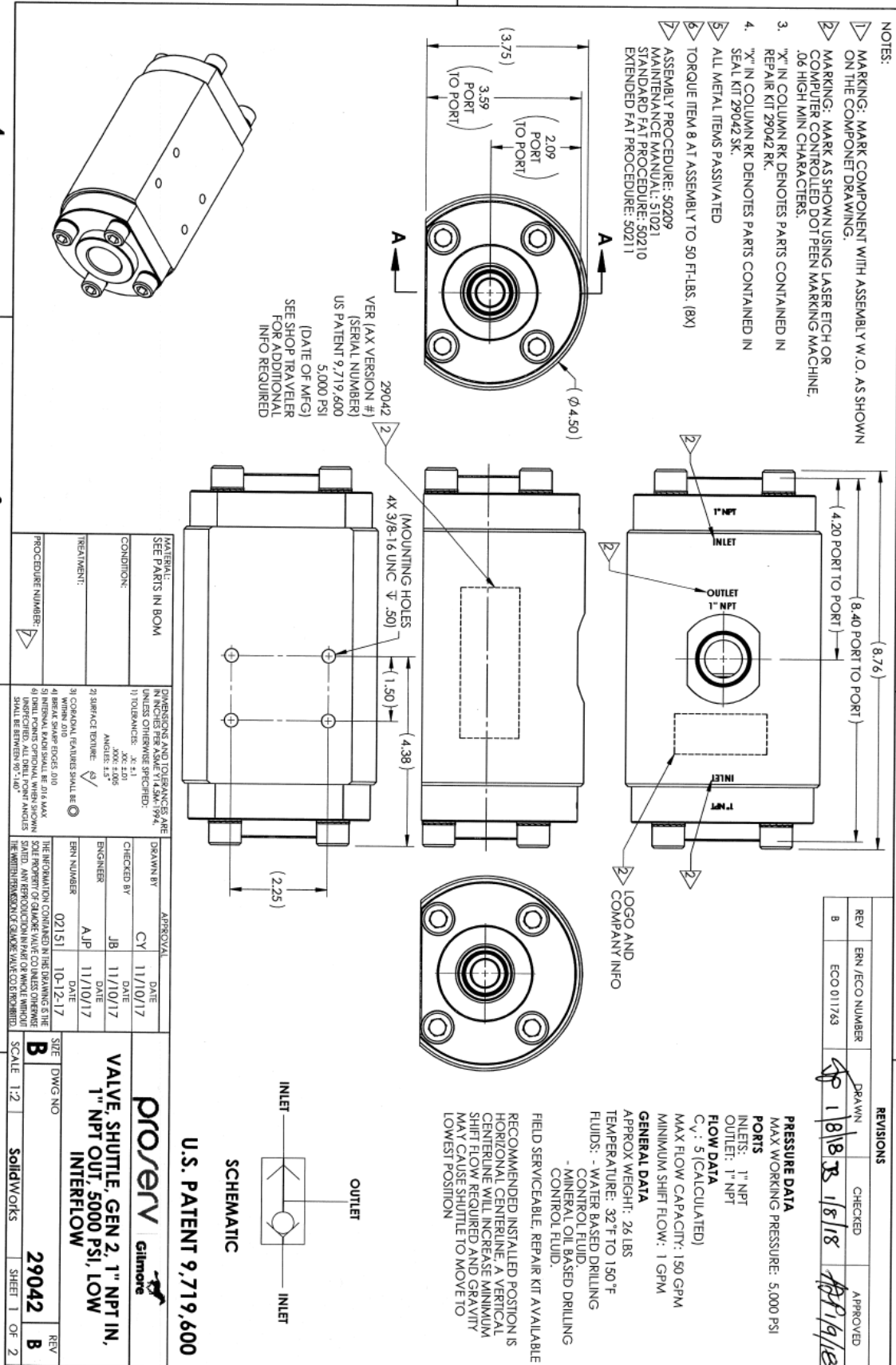
The following legacy 1" Traditional Shuttle Valves listed in Table 2 were discontinued March 21, 2019. If a new 1" GEN 2 Shuttle Valve part number is needed but not listed for a specific legacy part number, please contact Proserv Customer Service to request a quotation for a new 1" GEN 2 part number.

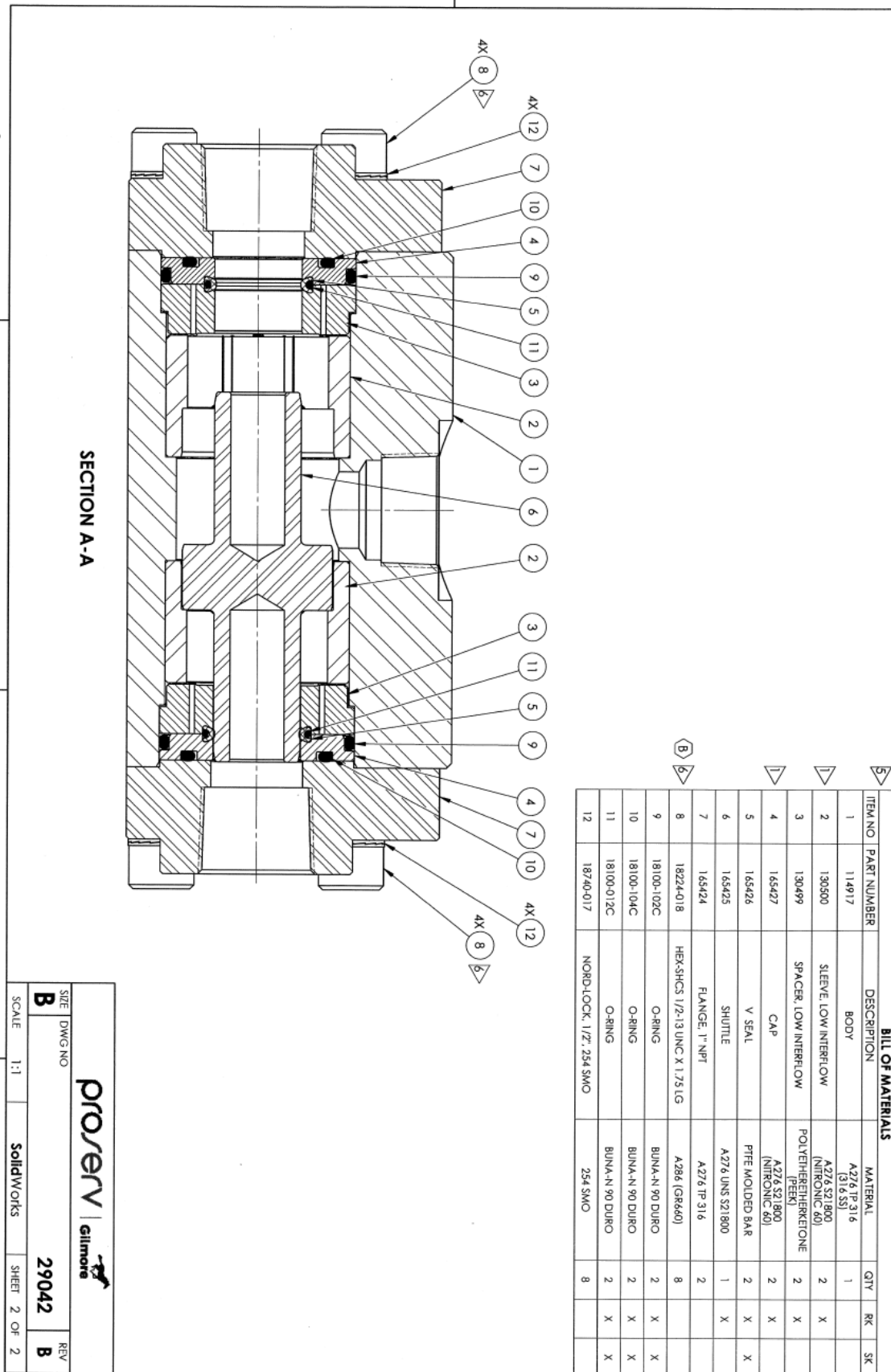
Table 2. Legacy Shuttle Valve Part Numbers

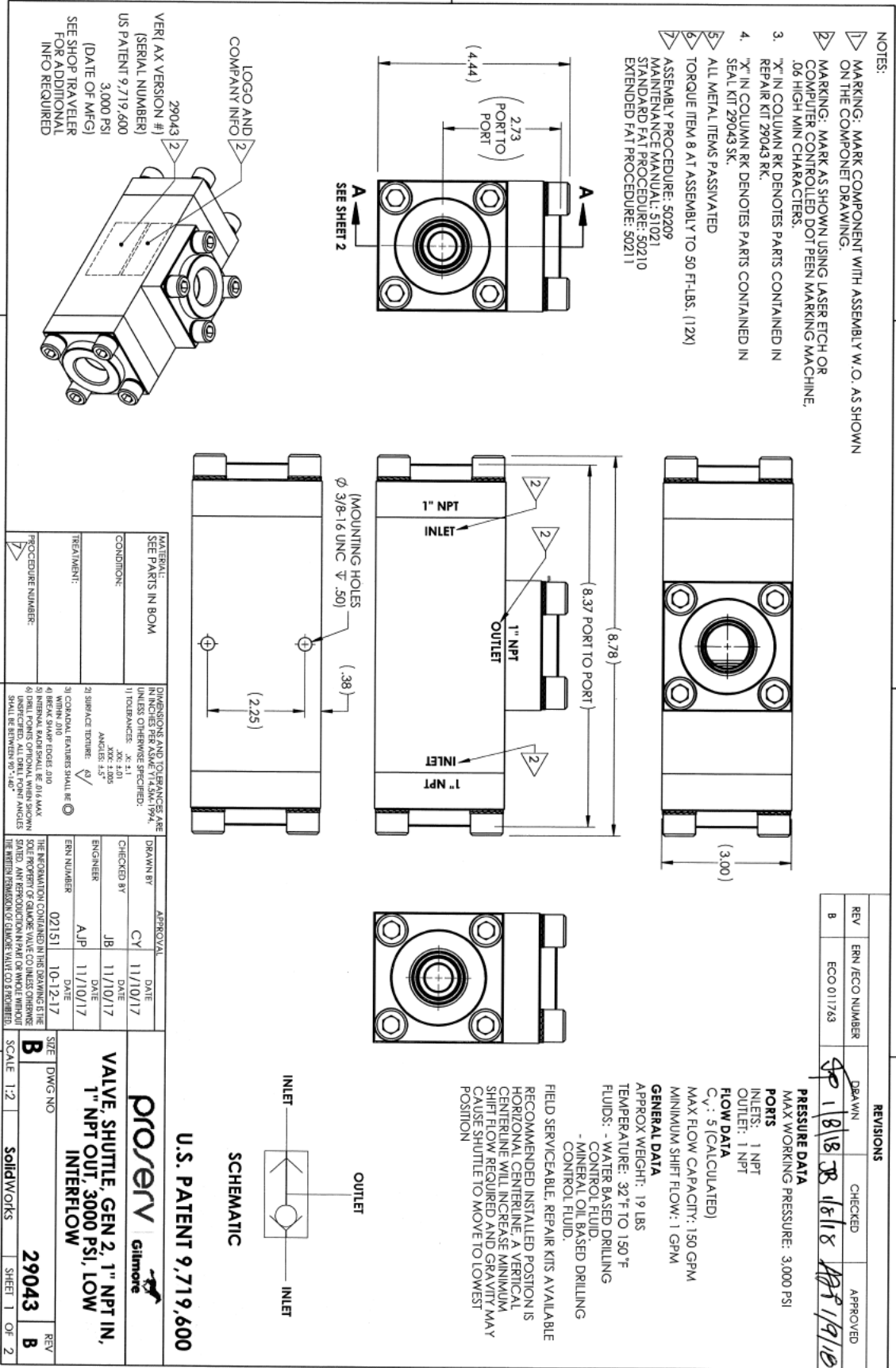
Item	Legacy Description	Legacy Valve PN	Legacy Repair Kit PN	New Valve Description	New Valve PN	New Repair Kit PN
1	Valve, Shuttle, Traditional, 1" SAE, Low Interflow, 3000 psi	25427	25427 RK	N/A	N/A	N/A
2	Valve, Shuttle, Traditional, 1" Socket Weld, Low Interflow, 5000 psi	28337	28337 RK	N/A	N/A	N/A

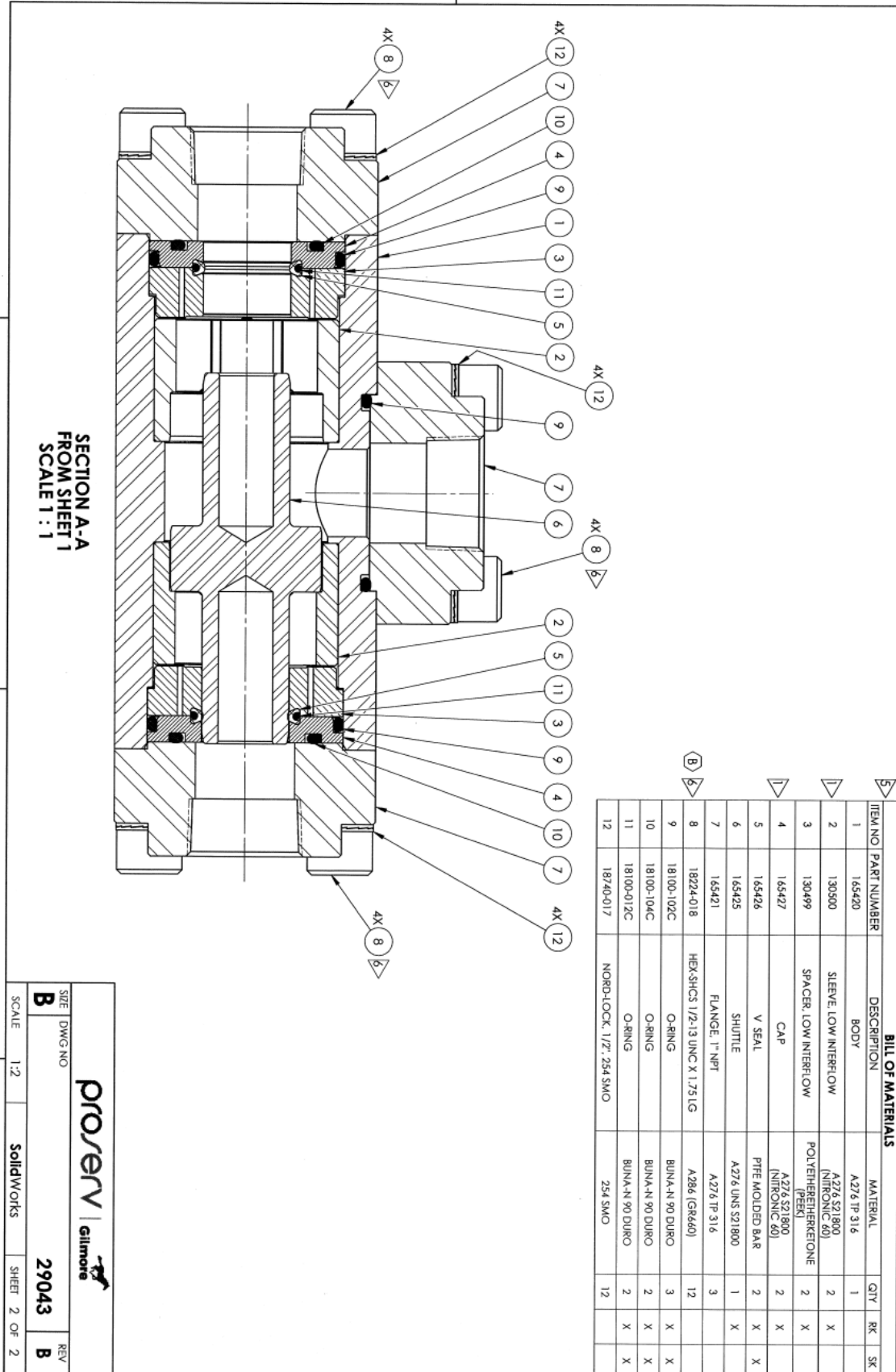












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SIZE DWG NO **B**

SCALE 1:2 SolidWorks SHEET 2 OF 2

REV **29043 B**

