

April 2009

2" ULT Plug Valve

Advanced plug valve sealing technology in a new size

The Weco® ULT plug valve is a premium quarter turn valve designed for a wide range of high pressure drilling, production, and well servicing applications.

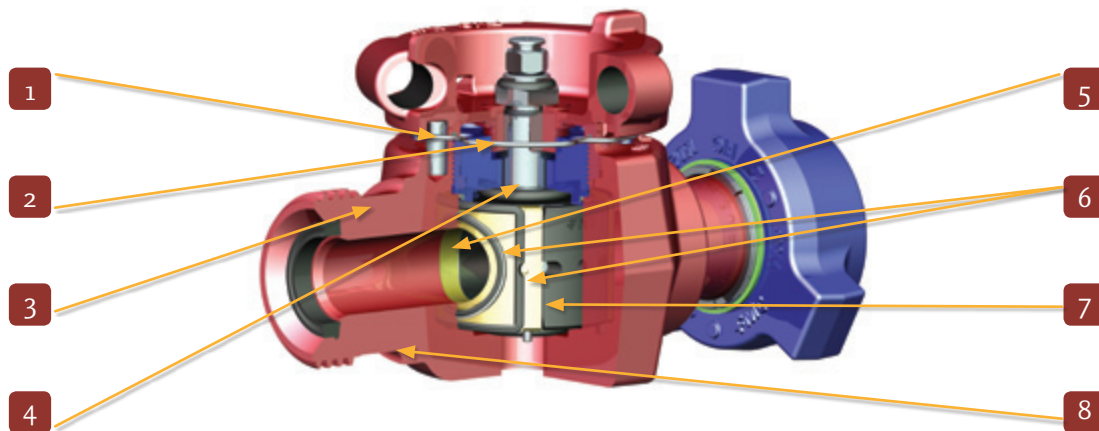
FMC Technologies is pleased to announce the introduction of the 2" ULT plug valve. This new size completes the transition from the industry standard DR plug valve series to the new and improved ULT design.

The ULT plug valve is now available in 1" through 4" for cold working pressures up to 20,000 psi. The unique ULT design provides superior sealing capabilities and has been proven to extend service life at least two times greater than that of other designs of plug valves.

The 2" Model ULT150 design has been optimized such that it is eight pounds lighter than the DR model it replaces. This was accomplished in spite of the fact that the new design requires more room inside the valve for thicker, better performing seal segments and the dual

segment seal configuration. Because of the design changes, the trim parts in the new 2" ULT plug valve are not interchangeable with those of the 2" DR plug valve. However, overall dimensions have not changed so that the new valve is interchangeable in manifolds using the previous plug valve designs. The new ULT design also employs the integral plug and stem for fast assembly with no need for adjustment. Long lasting erosion and corrosion resistant nickel plating continues to be used on the plug sealing surfaces.

Besides going through a rigorous series of verification testing in our manufacturing and R&D facilities, the valve has also completed an extensive field test program. The results of this testing confirm that the 2" ULT will meet or exceed all performance and reliability standards set during the long history of the DR plug valve.



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| 1. Stop pin now attached to body | 5. Thicker, better performing seal segments |
| 2. New plug cap with detent spring attached underneath | 6. ULT dual segment seal technology |
| 3. Protected area for product ID band | 7. Radial cut seal segments and matching side segments |
| 4. Integral stem and plug with nickel coating | 8. Optimized, lighter weight body |

Key Features & Benefits

- ULT dual seal design prevents flow between body and seal segments extending the life of the body compared to other plug valve designs.
- Thicker seal segments provide more reliable shut-off performance.
- Lighter body weight results in easier handling in the field.
- Integral plug and stem make disassembly and assembly easier.
- New protected area for ID banding and/or RF chip technology.
- Full 1.75" flow bore. No short cuts taken to reduce weight and/or dimensions of the valve.
- Internal components are not interchangeable with any other plug valve reducing the chance of potential mismatch.
- New plug cap protects detent spring from damage during rough handling in the field.

Design Ratings

- Pressure rating: 15,000 psi standard service
- Bore: 1.75 in.
- End connections: 2 in. Fig. 1502
- End-to-end: 13.88" (same as 2" DR150)
- Weight: 84 lb with standard plug cap
- Temp: -20F to 250F

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FMC Technologies is pleased to announce the introduction of the Weco® 2" Model 150 ULT Plug Valve, which will take place on March 31, 2010. This new plug valve model includes the same proprietary design features and manufacturing technology employed in other ULT sizes and models already on the market. See the attached marketing bulletin, which provides a summary of the features and advantages. The advanced features 2" ULT Plug Valve make it the premium choice for use in a wide variety of high pressure drilling, production and well servicing applications.

With the introduction of this new size and model of the ULT plug valve product line, the existing 2" DR150 plug valve will no longer be available once inventories are depleted. Until that time, orders received for 2" model 150 plug valves will be filled with the DR model unless specified otherwise. After that time, only the ULT plug valve will be sold even if the DR part number is specified. The overall dimensions of the 2" ULT Plug Valve are the same as the DR, so that there would be no issues with replacement valves in existing fixed installations.

Replacement part kits for DR plug valves would continue to be available as long as there is demand for them. The design of the new 2" ULT is such that it is not possible to install DR kit components in them. It is also not possible to install 2" ULT kit component in DR plug valves.

2" Plug Valve and Kit Cross Reference Listing

Series	Descriptors	Part Numbers	
		DR	ULT
Model 150 Valve Assemblies with FxM Figure 1502 End Connections for Standard Service:	With Plug Cap for Bar Operation	3247527	P537789
	With 550A Pneumatic Actuator	3269545	P543741
	With BRC012 Hydraulic Actuator	3257137	P539257
Model 150 Valve Assemblies with FxM Figure 1502 End Connections for Sour Gas Service:	With Plug Cap for Bar Operation	3248705	P543336
	With Plug Cap for Bar Operation -50F Cold Service	3260961	P543739
	With BRC012 Hydraulic Actuator	3267532	P543744
Kits for Standard Service Valves:	Replacement Parts	3208508	P538985
	Elastomer Set	3264199	P543725
	Replacement Parts without Plug	P510211	P543732
	Replacement Parts with Fluoro-elastomer Seals	3257988	P543726
Kits for Sour Gas Service Valves:	Replacement Parts	3248745	P543731
	Replacement Parts without Plug	P527296	P543737
	Replacement Parts with Low Temp Nitrile Seals	P504452	P543733
	Elastomer Set with Low Temp Nitrile Seals	P521458	P543730