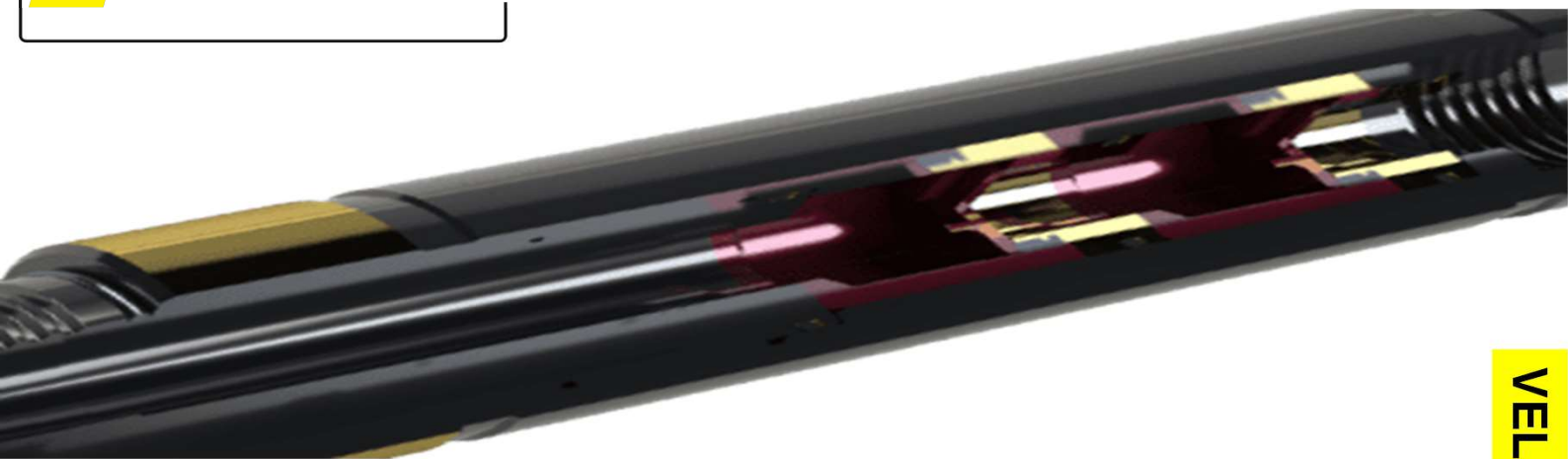




Velocity String Deployment Valve

The Eclipse Well Services Velocity String Deployment Valve is used to provide a barrier when deploying & retrieving a velocity string. Once deployed hydrostatic head is applied to blow the plugs. Should the velocity string need to be removed at a future date, a drop ball is pumped to shift the inner flow tube, allowing the flapper cartridges to seat restoring a double barrier.

Tool OD [in.]	Minimum ID [in.]	Drift Dia [in.]	Drop Ball [in.]	Lower Plug OD [in.]	Upper Plug Area [in2]	Lower Plug Area [in2]	Shear Pin OD [in.]	Shear Pin QTY
1.930	0.500	0.437	0.562	1.375	1.227	1.485	0.250	8
2.125	0.500	0.437	0.562	1.500	1.485	1.767	0.250	8
2.550	0.688	0.625	0.750	1.812	2.237	2.580	0.250	8
2.750	1.000	0.937	1.062	1.937	2.580	2.948	0.250	8
2.875	1.062	1.000	1.125	2.000	2.761	3.142	0.375	8
3.250	1.312	1.250	1.375	2.250	3.547	3.976	0.375	8

* Common sizes are shown, other sizes available on request..

** Bespoke designs available to suit job specific applications