



## Oil Tools

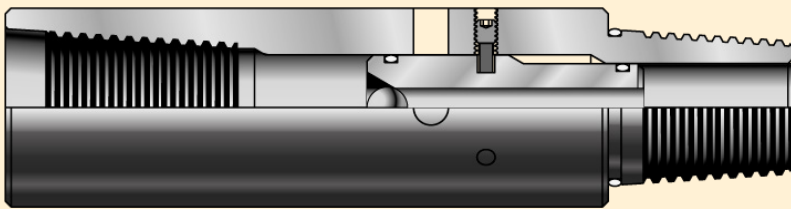
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## DUAL ACTIVATED CIRCULATION VALVE (DROP BALL/OVER PRESSURE)



The Dual Activated Circulation Valve offers the traditional method of returning circulation of the toolstring, through use of a drop ball. In addition, the valve is capable of operating through internal overpressure within the tubing string.

Conventional dual circulation valves use a burst or rupture disc to facilitate the function of returning circulation through overpressure; however, the Dual Activated Circulation Valve offers a pressure differential activated piston. The piston activation pressure can be predetermined at surface through shear pins, offering superior flexibility and considerable savings on redress.

As with many other tools in the standard BHA tool range, the emphasis is on simplicity and the Dual Activated Circulation Valve has very few component parts, seals and thread connections.

### **Design Features/Benefits:**

Simple drop ball design and pressure differential to operate.

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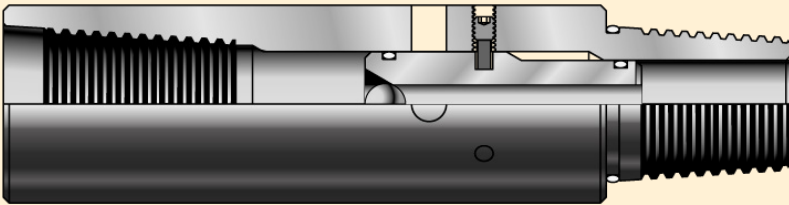
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SERVA Specification Guide Dual Activated Circulation Valve (Drop Ball/Over Pressure)						
Max OD (in)	Min ID (in)	Length (in)	Per Shear Pin Drop Ball Pressure (psi)	Per Shear Pin Over Pressure (psi)	Thread	Part Number
1.687	0.406	7.500	940-1090	2620-3030	1" AMMT	2186168422
1.750	0.406	7.500	940-1090	2620-3030	1" AMMT	2186175422
2.125	0.406	8.500	650-750	2140-2460	1.5" AMMT	2186212422
2.375	0.625	8.500	590-670	1560-1800	1.5" AMMT	2186223422
2.875	0.812	9.500	316-358	830-960	2 3/8" PAC	2186228422
3.125	0.812	9.500	316-358	830-960	2 3/8" PAC	2186312422

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