

# Dual Circulating Sub

The Wellpro Group Dual Circulating Sub is designed as a circulating component within the BHA.

The circulating sub is ball activated and, when utilised, introduces a flow path from the tool ID to the annulus thus allowing for higher circulation rates. If, for any reason, circulation through the tool string is lost, a rupture disc option is also included as standard. This can be set and ruptured at a predetermined pressure.

## Specifications and features

- Designed as a circulating component within the BHA
- Design features include a shear out ball seat coupled with a burst disc
- Simple drop ball design to activate
- Large circulating flow area to annulus when activated

Tool Size (in)	1,688	2,125	2,875	3,125
End Connection	1" AMMT	1 - 1/2" AMMT	2 - 3/8" PAC	2 - 3/8" PAC
Tensile Strength (lbs)	57,217	77,305	245,931	245,931
Ball Seat ID (in)	0.375	0.438	0.563	0.688
Drop Ball Size (in)	0.438	0.500	0.625	0.750
Length (ft)	0.54	0.54	0.58	1.18
Working Pressure (psi)	10,000	10,000	10,000	10,000

The equipment specifications and information advised in this document are for information only and may be liable to change without notice. Additional tool sizes and connection variations are available upon request.

