

Well Construction

Downhole Service Tools

BRUTE® Circulating Valves

Expro's BRUTE® Circulating Valves are the industry's first to be tested to ISO 14310, API 11D1, and API 19AC V3 Annex A/D standards.

When paired with our BRUTE® Retrievable Service Packer, the BRUTE® Force or BRUTE® Unloader Circulating Valves form the BRUTE® Test System to provide safe and efficient negative and positive tests by serving as both a circulating and fluid bypass valve.

Features and benefits

- Incorporates maximum pressures with reversals, axial loading, and temperature cycling to ensure well integrity
- Splined mandrel design available to eliminate the need for rotation during operations to increase rig time savings
- Ability to perform multiple open and close cycles while unloading pressure when circulating allows for quicker valve manipulation
- Ability to circulate through the bypass ports without removing set down weight above the packer allows for more reliable well integrity
- Large bypass ports increase the flow rate of large volumes to optimize testing and displacement operations and provide a more debris tolerable system



Specifications						
Model / type	O.D. (in.)	I.D. (in.)	Thread connections	Max. pressure (psi)	Max. hang-off (lbs)	Max. temperature (°F)
BRUTE® Force	6.625	2.250	NC-50	10,000	300,000	250
BRUTE® Force	8.500	3.000	6-5/8" FH	10,000	600,000	250
BRUTE® Unloader	5.500	2.690	NC-38	10,000	225,000	300
BRUTE® Unloader	7.250	3.250	NC-50	10,000	300,000	300
BRUTE® Unloader	8.500	4.000	6-5/8" FH	10,000	500,000	300

Operational temperature range can be adjusted based on elastomeric material compound