

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

exprogroup.com/wellconstruction

Date 09/2021 | Revision 1.0

Copyright 2021 Expro Group. All Rights Reserved. Notice: this product is protected by one or more patents assigned to Expro Group's affiliate Frank's International. For more information regarding Frank's International's patents, please go to: www.exprogroup.com/patents. Expro Group's products and services are subject to Expro Group's standard terms and conditions, available on request. Unless noted otherwise, trademarks and service marks herein are the property of Expro Group. Product and service information and/or specifications are subject to change without notice. For more information please contact an authorized Expro Group representative.