

Open hole Cased hole

Zh-2 Modular Borehole Bailer



SCOPE OF APPLICATION

bottomhole delivery and backfilling of proppant at the required depth in oil and gas wells with a diameter of 60 mm at temperatures up to 100 °C and hydrostatic pressure up to 80 MPa

FEATURES AND ADVANTAGES

The bailer is represented by a surface panel for connection to the downhole tool, consisting of 4 modules: upper electronics module, lower electronics module, electromechanical drive module, proppant vessel

KEY BENEFITS

- Easy operation
- Economical: less proppant is consumed compared to other methods
- Low cost equipment

SPECIFICATIONS

Max.pressure	80 MPa/ 11603 psi
Max. temperature	100 °C/ 212 °F
Volume of proppant vessel	9,5 L
Maximum number of proppant deliveries, without draining the working fluid from the casing of the electromechanical drive	15
AC power supply of surface panel	220 V
Max. output voltage of panel	84 V
Max. output current of panel	5 A
DC current consumed by electromagnet with the voltage 60 V:	
- in start-up mode, max.	1,5 A
- on hold, up to	0,3 A
AC Supply voltage of electronics module, max.:	30 V
DC current consumed by electronics module, max.:	0,2 A